AIR QUALITY, HEALTH RISK, GREENHOUSE GAS, AND ENERGY IMPACT REPORT

HEMET 63 WAREHOUSE PROJECT

CITY OF HEMET, CALIFORNIA

LSA

February 2025

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TABLE OF CONTENTS

TABLE OF CONTENTS i
FIGURES AND TABLES iv
LIST OF ABBREVIATIONS AND ACRONYMS v
INTRODUCTION 1
Project Location and Description 1
Existing Land Uses in the Project Area 5
BACKGROUND 6
Air Pollutants and Health Effects 6
Ozone 7
Carbon Monoxide 7
Particulate Matter 7
Nitrogen Dioxide 7
Sulfur Dioxide 7
Lead 8
Volatile Organic Compounds 8
Toxic Air Contaminants 8
Energy 12
Electricity 12
Natural Gas 12
Fuel 13
Greenhouse Gases 14
Carbon Dioxide 15
Methane 16
Nitrous Oxide 16
Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride 16
Black Carbon 16
REGULATORY SETTING 18
Air Quality Regulations 18
Federal Regulations 18
State Regulations 18
Regional Regulations 19
Local Regulations 22
Energy Regulatory Setting 23
Federal Regulations 24
State Regulations 24
Regional Regulations 27
Local Regulations 27
Greenhouse Gas Regulatory Setting 28
Federal Regulations 28
State Regulations 28
Regional Regulations 35
Local Regulations 36
SETTING 38

Attainment Status 38
Existing Climate and Air Quality 39
Air Quality Monitoring Results 40
Greenhouse Gas Emissions Inventory 40
Global Emissions 40
United States Emissions 40
State of California Emissions 43

METHODOLOGY 44

Construction Emissions 44
Operational Emissions 44
Health Risk Assessment 45
Emissions Sources 46
American Meteorological Society/Environmental Protection Agency Regulatory Model Dispersion Modeling 47
Hotspots Analysis and Reporting Program Modeling 48
Energy Use 49
Greenhouse Gas Analysis 49

THRESHOLDS OF SIGNIFICANCE 50

Criteria Pollutant Thresholds 50
Health Risk Thresholds 51
Localized Impacts Analysis 52
Local Microscale Concentration Standards 53
GreenHouse Gas Threshold 53

IMPACTS ANALYSIS 55

Air Quality Impacts 55
Consistency with Applicable Air Quality Plans 55
Criteria Pollutant Analysis 56
Health Risk on Nearby Sensitive Receptors 62
Odors 64
Energy Impacts 64
Energy Consumption 64
Conflict with Renewable Energy or Energy Efficiency Plans 67
Greenhouse Gas Impacts 67
Generation of Greenhouse Gas Emissions 67
Consistency with Greenhouse Gas Emissions Reduction Plans 73

CONCLUSIONS 77

APPENDICES

A: CALEEMOD OUTPUT SHEETS
B: HRA MODEL SNAPSHOTS AND OUTPUTS
C: DETAILED ENERGY CALCULATIONS

FIGURES AND TABLES

FIGURES

Figure 1: Regional Project Location 3
Figure 2: Site Plan 4
Figure 3: Project Area Wind Patterns 48
Figure 4: Sensitive Receptor Grid 48

TABLES

Table A: Sources and Health Effects of Air Pollutants 9
Table B: Federal and State Ambient Air Quality Standards 10
Table C: Global Warming Potential of Greenhouse Gases 15
Table D: Senate Bill 375 Regional Greenhouse Gas Emissions Reduction Targets 32
Table E: Attainment Status of Criteria Pollutants in the South Coast Air Basin 38
Table F: Ambient Air Quality at the Nearby Monitoring Stations 42
Table G: Regional Thresholds for Construction and Operational Emissions 51
Table H: South Coast Air Quality Management District Localized Significance Thresholds 52
Table I: Tentative Project Construction Schedule 57
Table J: Diesel Construction Equipment Utilized by Construction Phase 58
Table K: Project Construction Emissions 58
Table L: Project Operational Emissions 60
Table M: Project Localized Construction Emissions (lbs/day) 61
Table N: Project Localized Operational Emissions (lbs/day) 61
Table O: Health Risks from Project Construction to Off-Site Receptors 63
Table P: Health Risks from Project Operation to Off-Site Receptors 63
Table Q: Proposed Project Energy Consumption Estimates during Construction 65
Table R: Proposed Project Energy Consumption Estimates during Operation 66
Table S: Unmitigated Greenhouse Gas Emissions (MT/yr) 69
Table T: Mitigated Greenhouse Gas Emissions (MT/yr) 72

LIST OF ABBREVIATIONS AND ACRONYMS

°C	degrees Celsius
°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AAQS	ambient air quality standards
AB	Assembly Bill
ADA	Americans with Disabilities Act
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plan
BAAQMD	Bay Area Air Quality Management District
Basin	South Coast Air Basin
BTS	built-to-suit
BTU	British thermal units
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
CAP	Climate Action Plan
CARB	California Air Resources Board
CAT	Climate Action Team

CBC	California Building Code
CBSC	California Building Standards Commission
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
City	City of Hemet
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
County	County of Riverside
CPUC	California Public Utilities Commission
cy	cubic yards
DPM	diesel particulate matter
EIA	Energy Information Administration
EIR	Environmental Impact Report
EMFAC	California Emissions Factor Model
EO	Executive Order
EV	electric vehicle
GCC	global climate change
General Plan EIR	City of Hemet General Plan 2023 Environmental Impact Report
GHG	greenhouse gas
GWh	gigawatt-hour

GWP	global warming potential
H_2S	hydrogen sulfide
HFCs	hydrofluorocarbons
HI	Hazard Index
hp	horsepower
HRA	Health Risk Assessment
I-215	Interstate 215
IPCC	Intergovernmental Panel on Climate Change
kWh	kilowatt-hour
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
LEED	Leadership in Energy and Environmental Design
LST	Local Significance Threshold
MEAP	Hemet Municipal Energy Action Plan
MEI	maximally exposed individual
mg/m^3	milligrams per cubic meter
MICR	maximum individual cancer risk
MMT	million metric tons
MMT CO_2e	million metric tons of carbon dioxide equivalent
mpg	miles per gallon
mph	miles per hour
MPO	Metropolitan Planning Organization
MT	metric tons
MT CO_2e	metric tons of carbon dioxide equivalent

MT CO_2e/yr	metric tons of carbon dioxide equivalent per year
MW	megawatt
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
O_3	ozone (or smog)
OEHHA	CalEPA's Office of Environmental Health Hazard Assessment
OPR	Governor's Office of Planning and Research
PFCs	perfluorocarbons
PM	particulate matter
$PM_{2.5}$	particulate matter less than 2.5 microns in size
PM_{10}	particulate matter less than 10 microns in size
ppb	parts per billion
ppm	parts per million
PRC	Public Resources Code
project	Hemet 63 Industrial Project
PSIP	Periodic Smoke Inspection Program
PV	photovoltaic
RCP	Regional Comprehensive Plan
ROCs	reactive organic compounds
ROGs	reactive organic gases

RPS	Renewables Portfolio Standard
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SCAG	Southern California Association of Governments
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SO_2	sulfur dioxide
SO_X	sulfur oxides
SoCalGas	Southern California Gas Company
sq ft	square foot/feet
sq mi	square mile
SR-74	State Route 74
SR-79	State Route 79
SRA	Source Receptor Area
TAC	toxic air contaminant
TRUs	transport refrigeration units
UNFCCC	United Nations Framework Convention on Climate Change
URF	unit risk factor
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
VMT	vehicle miles traveled

VOCs	volatile organic compounds
WAIRE	Warehouse Actions and Investments to Reduce Emissions
WRCOG	Western Riverside Council of Governments
WRELP	Western Riverside Energy Leadership Partnership
ZEV	zero-emission vehicle
ZNE	zero net energy

INTRODUCTION

This Air Quality, Heath Risk, Greenhouse Gas (GHG) and Energy Impact Report has been prepared to evaluate the potential air quality and GHG emissions impacts associated with the Hemet 63 Industrial Project (project) in the City of Hemet (City), County of Riverside (County), California. This report follows the guidelines identified by the South Coast Air Quality Management District (SCAQMD) in its *California Environmental Quality Act (CEQA) Air Quality Handbook*,[1] and associated updates. In keeping with these guidelines, this analysis describes existing air quality, including air quality and GHG emissions generated from project-related sources, regional air pollution, and global climate change. In addition, this analysis discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

PROJECT LOCATION AND DESCRIPTION

The 60.86-acre project site is located within the western portion of Riverside County in the City of Hemet, southwest of the intersection of West Acacia Avenue and Cawson Avenue. The project site is identified by Assessor's Parcel Number (APN) 456-010-025. Regional access to the project site is provided via State Route 74 (SR-74), State Route 79 (SR-79), and Interstate 215 (I-215). Local access is provided from West Acacia Avenue. See Figure 1, Regional Project Location, and Figure 2, Site Plan, below.

The proposed project would include the subdivision of the 60.86-acre site into four parcels. Each parcel would be developed with an industrial warehouse facility (four warehouse buildings total) with a combined total gross building area of approximately 1,129,894 square feet (sq ft). Building 1 would be located in the northern portion of the site and Buildings 2, 3, and 4 would be located in the southern portion of the site. Of the total building area for all four facilities, 1,073,854 sq ft would be utilized as warehouse space and 56,000 sq ft as office space. Each building would be used for warehouse space and office space, including mezzanine office space. The proposed project would dedicate 530,184 sq ft of the total project site to landscaping and would consist of drought tolerant plants. In addition, the proposed project would include one 350 horsepower (hp) diesel fire pump and three 238 hp fire pumps. Each fire pump is estimated to run for approximately 50 hours per year.

Building 1 would be proposed on Parcel 1 (approximately 37.99 acres) and would be the largest of the four buildings. Building 1 would be utilized as a distribution and fulfillment center with additional space for a showroom. Approximately 686,224 sq ft of warehouse space, 10,000 sq ft of office space, and 10,000 sq ft of mezzanine office space is proposed under Building 1, for a total of 706,224 sq ft of building area. In addition, Building 1 would provide 446 standard parking stalls, 12 accessible parking stalls, 4 accessible van parking stalls, 179 electric vehicle (EV) parking stalls, for

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

a total of 641 parking spaces. Building 1 would also include a total of 94 dock doors and 210 trailer parking stalls.

Building 2 is proposed on Parcel 2, which is 11.46 acres. The total building area would be 192,443 sq ft, including 172,443 sq ft of warehouse space, 10,000 sq ft of office space, and an additional 10,000 sq ft of mezzanine office space. Building 2 would provide 138 standard parking stalls, 4 accessible parking stalls, 4 accessible van parking stalls, and 56 EV parking stalls, for a total of 202 parking spaces. Building 2 would also provide 58 dock doors located on the east side of the building.

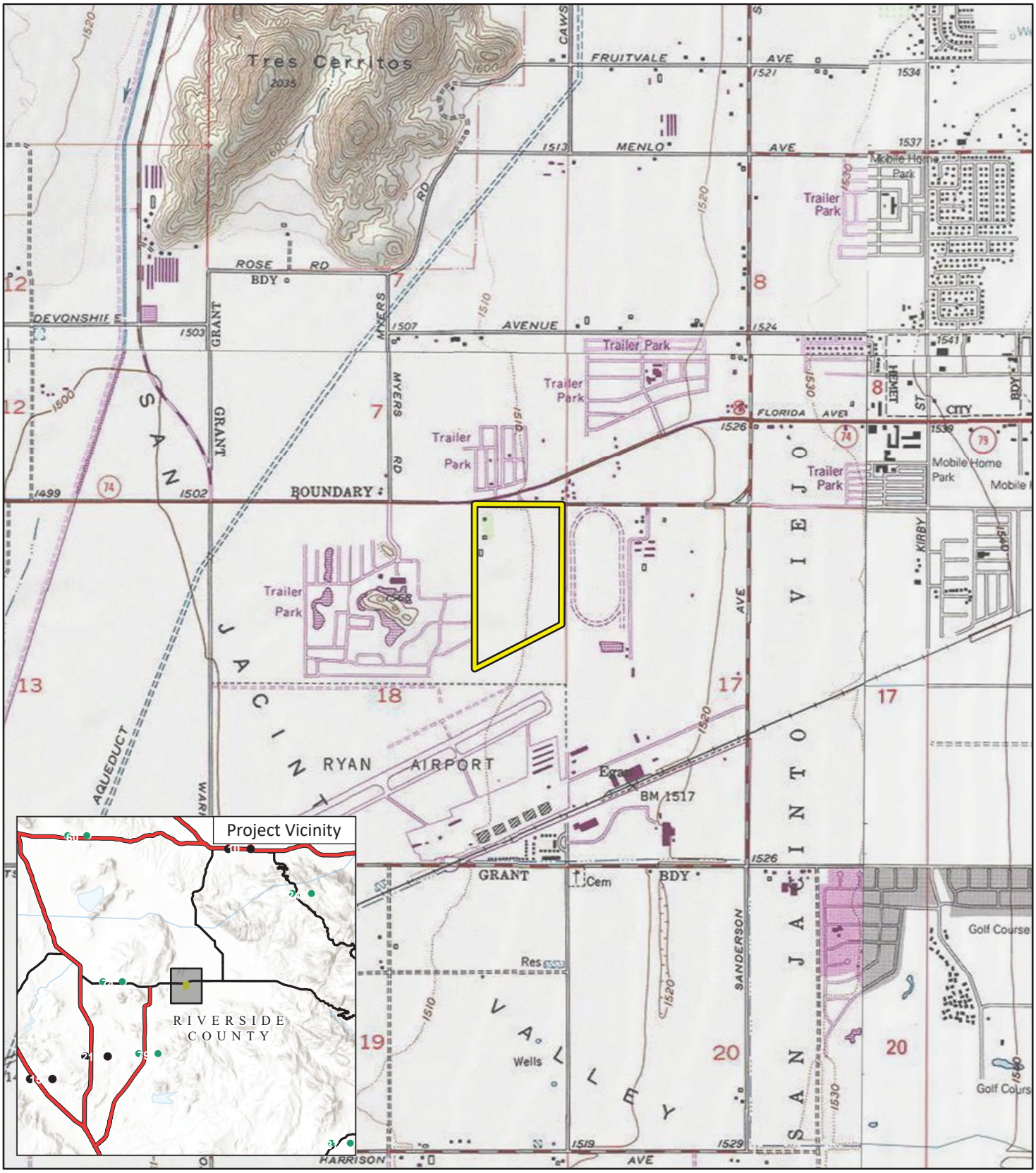
Building 3 is proposed on Parcel 3, which is 7.42 acres. The total building area would be 144,176 sq ft, including 136,176 sq ft of warehouse space, 4,000 sq ft of office space, and an additional 4,000 sq ft of mezzanine office space. Building 3 would provide 109 standard parking stalls, 3 accessible parking stalls, 3 accessible van parking stalls, and 39 EV parking stalls, for a total of 154 parking spaces. Building 3 would also provide 39 dock doors on the east side of the building.

Building 4 is proposed on Parcel 4, which is 5.36 acres. The total building area would be 87,051 sq ft, including 79,051 sq ft of warehouse space, 4,000 sq ft of office space, and an additional 4,000 sq ft of mezzanine office space. Building 4 would provide 100 standard parking stalls, 4 accessible parking stalls, 2 accessible van parking stalls, and 38 EV parking stalls, for a total of 144 parking spaces. Building 4 would also provide 18 dock doors on the west side of the building.

The proposed project would operate as a multiple building industrial warehouse facility with ancillary office uses. The proposed project would not include any warehouse cold storage or refrigerated uses. Building 1 would include a built-to-suit (BTS) distribution center for Loctek and would function as an e-commerce fulfillment center and retail showroom with associated administrative offices. The other three buildings would be built and operated similarly with warehouse and office spaces for speculative industrial use. Typical operational characteristics include employees traveling to and from the site, delivery of materials and supplies to the site, and truck loading and unloading. Outdoor cargo handling equipment used during loading and unloading of trailers (e.g., yard trucks, hostlers, yard goats, pallet jacks, forklifts) would be non-diesel powered, in accordance with contemporary industry standards. Operation is assumed to be 24 hours per day, 7 days per week. The proposed project would generate approximately 2,428 average daily trips, including 2,058 passenger vehicle trips, 59 two-axle truck trips, 57 three-axle truck trips, 56 four+-axle truck trips, and 198 five+-axle truck trips[2]. In addition, the proposed project would not be powered by natural gas, and no natural gas demand is anticipated during construction or operation of the proposed project.

Additionally, the proposed project would include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, photovoltaic (PV) systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances.

[2] Environment Planning Development (EPD) Solutions, Inc. 2024. *Hemet Industrial, Traffic Impact Analysis Report*. November 21.



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Project Location

FIGURE 1

N

0 1000 2000

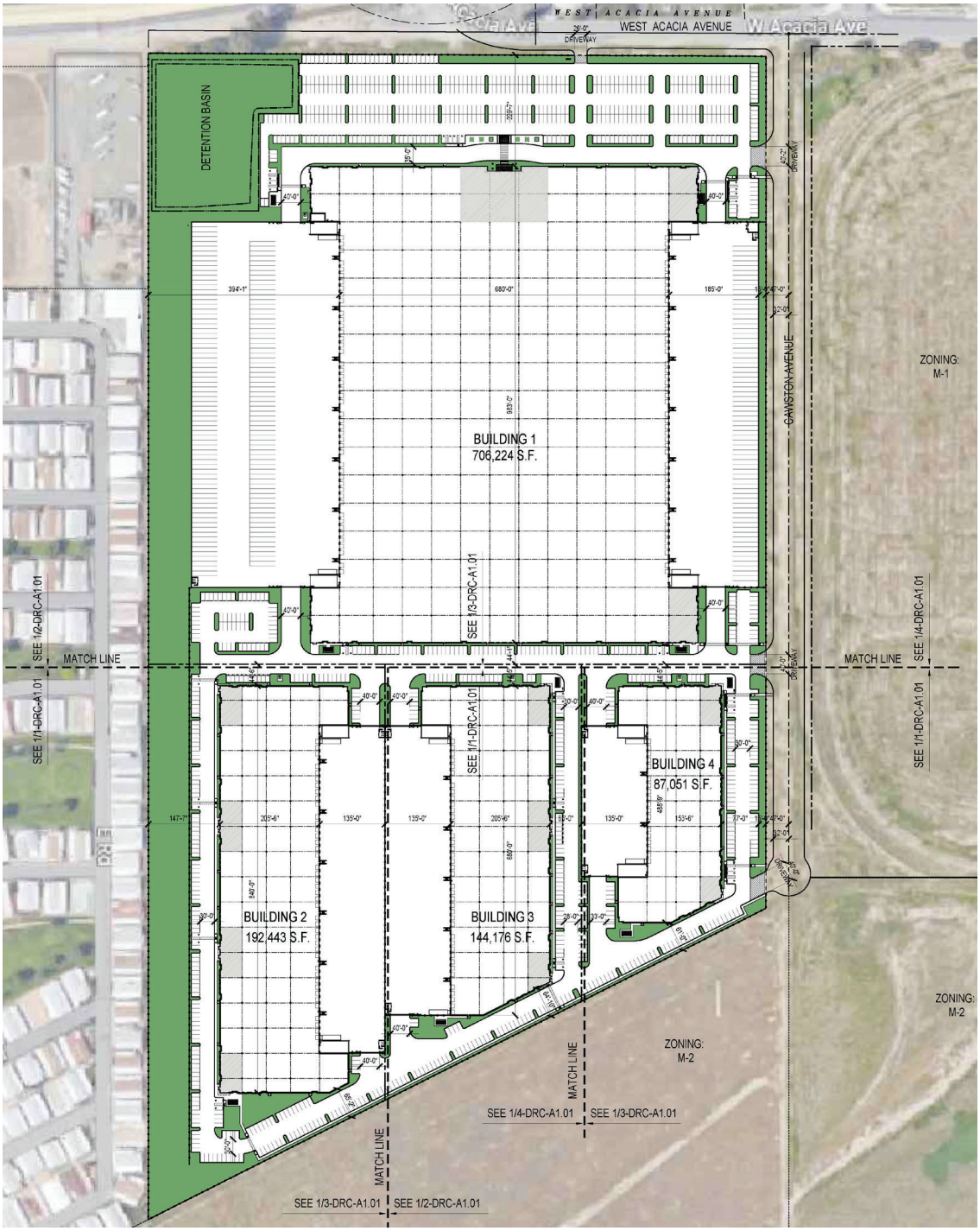
FEET

Hemet 63 Industrial Project

Project Location

SOURCE: USGS 7.5' Quad - *Hemet (1979), Lakeview (1979), San Jacinto (1979), Winchester (1979)*, CA

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FIGURE 2

N

0 175 350

FEET

SOURCE: SKH Architect

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Hemet 63 Industrial

Site Plan

Construction activities would occur over one phase, and all buildings would be constructed simultaneously. Construction is anticipated to begin in the third quarter of 2025 and would last approximately 14 months. The proposed project would require the export of approximately 91,855 cubic yards (cy) of soil and the import of 182,976cy of soil, for a net import of 91,121 cy of soil. This analysis assumes the use of Tier 4 construction equipment. Construction activities for the project include site preparation, grading, building construction, paving, and architectural coatings.

EXISTING LAND USES IN THE PROJECT AREA

For the purposes of this analysis, sensitive receptors are areas of population that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include residences, schools, daycare centers, hospitals, parks, and similar uses which are sensitive to air quality. Impacts on sensitive receptors are of particular concern because they are the population most vulnerable to the effects of air pollution. The project site is surrounded primarily by residential and commercial uses. Land uses in the project area include a mobile home park and commercial uses to the north, a mobile home park to the west, Hemet-Ryan airport and undeveloped land to the south, and a solar PV farm and undeveloped land to the east.

The closest sensitive receptors to the project site are residential uses, including the mobile home park located west of the project site within 25 feet from the project's boundary line to the building façade.

BACKGROUND

This section provides current background information on air pollutants and their health effects. It also provides current regulatory background information, including information from the California Air Resources Board's (CARB) Air Quality and Land Use Handbook[3] (CARB Handbook); a description of the general health risks of toxics, and the significance criteria for project evaluation. In addition, this section provides background information on energy usage in the project area and provides regulatory background information, including federal, State, and local energy regulations.

AIR POLLUTANTS AND HEALTH EFFECTS

Both State and federal governments have established health-based ambient air quality standards (California Ambient Air Quality Standards [CAAQS] and National Ambient Air Quality Standards [NAAQS], respectively) for six criteria air pollutants:[4] carbon monoxide (CO), ozone (O_3), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead (Pb), and suspended particulate matter (PM). In addition, the State has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety. Long-term exposure to elevated levels of criteria pollutants may result in adverse health effects. However, emission thresholds established by an air district are used to manage total regional emissions within an air basin based on the air basin's attainment status for criteria pollutants. These emission thresholds were established for individual projects that would contribute to regional emissions and pollutant concentrations and could adversely affect or delay the projected attainment target year for certain criteria pollutants.

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

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

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

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

are also considered sensitive compared to commercial and industrial uses due to greater exposure to ambient air quality conditions associated with exercise.

Ozone

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

Carbon Monoxide

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

Particulate Matter

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

Nitrogen Dioxide

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

Sulfur Dioxide

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

Lead

Leaded gasoline (phased out in the United States beginning in 1973), paint (on older houses and cars), smelters (metal refineries), and the manufacture of lead storage batteries have been the primary sources of lead (Pb) released into the atmosphere. Lead has multiple adverse neurotoxic health effects, and children are at special risk. Some lead-containing chemicals cause cancer in animals. Lead levels in the air have decreased substantially since leaded gasoline was eliminated. Ambient lead concentrations are only monitored on an as-warranted, site-specific basis in California. On October 15, 2008, the United States Environmental Protection Agency (USEPA) strengthened the NAAQS for lead by lowering it from 1.5 to 0.15 micrograms per cubic meter ($\mu g/m^3$). The USEPA revised the monitoring requirements for lead in December 2010. These requirements focus on airports and large urban areas, resulting in an increase in 76 monitors nationally.

Volatile Organic Compounds

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

Toxic Air Contaminants

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

TACs do not have ambient air quality standards (AAQS), but are regulated by the USEPA, CARB, and the SCAQMD. In 1998, the CARB identified particulate matter from diesel-fueled engines as a TAC. The CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-fueled engines.[5] High-volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truck stops) were identified as posing the highest risk to adjacent receptors. Other facilities associated with increased risk include warehouse distribution centers, large retail or industrial facilities, high-volume transit centers, and schools with a high volume of bus traffic. Health risks from TACs are a function of both concentration and duration of exposure.

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

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

Although not specifically monitored, recent studies indicate that exposure to DPM may contribute significantly to a cancer risk (a risk of approximately 500 to 700 in 1,000,000) that is greater than all other measured TACs combined.[6] The technology for reducing DPM emissions from heavy-duty trucks is well established, and both State and federal agencies are moving aggressively to regulate engines and emission control systems to reduce and remediate diesel emissions. The CARB anticipated that by 2020, average statewide DPM concentrations will decrease by 85 percent from levels in 2000 with full implementation of the CARB's Diesel Risk Reduction Plan,[7] meaning that the statewide health risk from DPM is expected to decrease from 540 cancer cases in 1,000,000 to 21.5 cancer cases in 1,000,000. The CARB 2000 Diesel Risk Reduction Plan is still the most recent version and has not been updated.

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

Table A: Sources and Health Effects of Air Pollutants

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

Source: California Air Resources Board (2015).

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

7 Ibid.

Table B: Federal and State Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]		Federal Standards[b]		
		Concentration[c]	Method[d]	Primary[c,e]	Secondary[c,f]	Method[g]
Ozone (O_3)[h]	1-Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8-Hour	0.07 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM_{10})[i]	24-Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		–		
Fine Particulate Matter ($PM_{2.5}$)[i]	24-Hour	-		35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12.0 µg/m³		
Carbon Monoxide (CO)	8-Hour	9.0 ppm (10 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m³)	–	Non-Dispersive Infrared Photometry (NDIR)
	1-Hour	20 ppm (23 mg/m³)		35 ppm (40 mg/m³)		
	8-Hour (Lake Tahoe)	6 ppm (7 mg/m³)		–	–	
Nitrogen Dioxide (NO_2)[j]	Annual Arithmetic Mean	0.03 ppm (57 µg/m³)	Gas Phase Chemi-luminescence	53 ppb (100 µg/m³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1-Hour	0.18 ppm (339 µg/m³)		100 ppb (188 µg/m³)	-	
Lead (Pb)[l,m]	30-Day Average	1.5 µg/m³	Atomic Absorption	–	–	High-Volume Sampler and Atomic Absorption
	Calendar Quarter	–		1.5 µg/m³ (for certain areas)[l]	Same as Primary Standard	
	Rolling 3-Month Average[i]	–		0.15 µg/m³		
Sulfur Dioxide (SO_2)[k]	24-Hour	0.04 ppm (105 µg/m³)	Ultraviolet Fluorescence	0.14 ppm (for certain areas)	–	Ultraviolet Fluorescence; Spectro-photometry (Pararosaniline Method)
	3-Hour	–		–	0.5 ppm (1300 µg/m³)	
	1-Hour	0.25 ppm (655 µg/m³)		75 ppb (196 µg/m³)[k]	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas)[k]	–	
Visibility-Reducing Particles[l]	8-Hour	See footnote n	Beta Attenuation and Transmittance through Filter Tape.	No Federal Standards		
Sulfates	24-Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1-Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride[j]	24-Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

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

Table notes are provided on the following page.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ENERGY

Electricity

Electricity is a manmade resource. The production of electricity requires the consumption or conversion of energy resources (including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources) into energy. Electricity is used for a variety of purposes (e.g., lighting, heating, cooling, and refrigeration, and for operating appliances, computers, electronics, machinery, and public transportation systems).

According to the most recent data available, in 2023, California's electricity was generated primarily by natural gas (43.7 percent), renewable sources (56.1 percent), large hydroelectric (12.5 percent), nuclear (8.2 percent), coal (<1.0 percent), and other unspecified sources. Total electric generation in California in 2023 was 281,140 gigawatt-hours (GWh), down 2.1 percent from the 2022 total generation of 287,220 GWh.[8]

The project site is within the service territory of Southern California Edison (SCE). SCE provides electricity to more than 15 million people in a 50,000-square-mile (sq mi) area of Central, Coastal, and Southern California.[9] According to the California Energy Commission (CEC), total electricity consumption in the SCE service area in 2022 was 85,870 GWh (31,604 GWh for the residential sector and 54,266 GWh for the non-residential sector). Total electricity consumption in Riverside County in 2022 was 17,780 GWh (or 17,780,573,271 kilowatt-hours [kWh]).[10]

Natural Gas

Natural gas is a non-renewable fossil fuel. Fossil fuels are formed when layers of decomposing plant and animal matter are exposed to intense heat and pressure under the surface of the Earth over millions of years. Natural gas is a combustible mixture of hydrocarbon compounds (primarily methane) that is used as a fuel source. Natural gas is found in naturally occurring reservoirs in deep underground rock formations. Natural gas is used for a variety of uses (e.g., heating buildings, generating electricity, and powering appliances such as stoves, washing machines and dryers, gas fireplaces, and gas grills).

Natural gas consumed in California is used for electricity generation (45 percent), residential uses (21 percent), industrial uses (25 percent), and commercial uses (9 percent). California continues to depend on out-of-state imports for nearly 90 percent of its natural gas supply.[11]

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8 California Energy Commission (CEC). 2023. *2023 Total System Electric Generation*. Website: https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/2023-total-system-electric-generation (accessed December 2024).

9 Southern California Edison (SCE). 2020. About Us. Website: https://www.sce.com/about-us/who-we-are (accessed December 2024).

10 CEC. 2020a. Electricity Consumption by County and Entity. Websites: http://www.ecdms.energy.ca.gov/elecbycounty.aspx and http://www.ecdms.energy.ca.gov/elecbyutil.aspx (accessed December 2024).

11 CEC. 2021b. Supply and Demand of Natural Gas in California. Website: https://www.energy.ca.gov/data-reports/energy-almanac/californias-natural-gas-market/supply-and-demand-natural-gas-california (accessed December 2024).

The Southern California Gas Company (SoCalGas) is the natural gas service provider for the project site. SoCalGas provides natural gas to approximately 21.8 million people in a 24,000 sq mi service area throughout Central and Southern California, from Visalia to the Mexican border.[12] According to the CEC, total natural gas consumption in the SoCalGas service area in 2022 was 5,026 million therms (2,230 million therms for the residential sector). Total natural gas consumption in Riverside County in 2022 was 431 million therms (431,052,392 therms).[13]

Fuel

Petroleum is also a non-renewable fossil fuel. Petroleum is a thick, flammable, yellow-to-black mixture of gaseous, liquid, and solid hydrocarbons that occurs naturally beneath the earth's surface. Petroleum is primarily recovered by oil drilling. It is refined into a large number of consumer products, primarily fuel oil, gasoline, and diesel.

The average fuel economy for light-duty vehicles (autos, pickups, vans, and SUVs) in the United States has steadily increased from about 14.9 miles per gallon (mpg) in 1980 to 22.9 mpg in 2021.[14] Federal fuel economy standards have changed substantially since the Energy Independence and Security Act was passed in 2007. This act, which originally mandated a national fuel economy standard of 35 mpg by year 2020[15], applies to cars and light trucks of Model Years 2011 through 2020. In March 2020, the United States Environmental Protection Agency (USEPA) and National Highway Traffic Safety Administration (NHTSA) finalized the Corporate Average Fuel Economy (CAFE) standards for Model Years 2024–2026 Passenger Cars and Light Trucks, further detailed below.

Gasoline is the most used transportation fuel in California, with 97 percent of all gasoline being consumed by light-duty cars, pickup trucks, and sport utility vehicles. According to the most recent data available, in 2022, total gasoline consumption in California was 316,425 thousand barrels or 1,597.6 trillion British Thermal Units (BTU).[16] Of the total gasoline consumption, 299,304 thousand barrels or 1,511.2 trillion BTU were consumed for transportation.[17] Based on fuel consumption obtained from CARB's California Emissions Factor Model, Version 2021 (EMFAC2021), approximately 744.5 million gallons of gasoline and approximately 301.2 million gallons of diesel will be consumed from vehicle trips in Riverside County in 2024.

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12 Southern California Gas Company (SoCalGas). 2020. About SoCalGas. Website: https://www3.socalgas.com/about-us/company-profile (accessed December 2024).

13 CEC. 2020b. Gas Consumption by County and Entity. Website: http://www.ecdms.energy.ca.gov/gasbycounty.aspx and http://www.ecdms.energy.ca.gov/gasbyutil.aspx (accessed December 2024).

14 U.S. Department of Transportation (USDOT). "Table 4-23: Average Fuel Efficiency of U.S. Light Duty Vehicles." Website: https://www.bts.dot.gov/bts/bts/content/average-fuel-efficiency-us-light-duty-vehicles (accessed December 2024).

15 U.S. Department of Energy. 2007. "Energy Independence & Security Act of 2007." Website: https://www.afdc.energy.gov/laws/eisa (accessed December 2024).

16 U.S. Energy Information Administration (EIA). 2022. California State Profile and Energy Estimates, Data. Website: www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_mg.html&sid=CA (accessed December 2024).

17 Ibid.

GREENHOUSE GASES

Global climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans in recent decades. The Earth's average near-surface atmospheric temperature rose 0.6 ± 0.2° Celsius (°C) or 1.1 ± 0.4° Fahrenheit (°F) in the 20th century. The prevailing scientific opinion on climate change is that most of the warming observed over the last 50 years is attributable to human activities. The increased amounts of carbon dioxide (CO_2) and other GHGs are the primary causes of the human-induced component of warming. GHGs are released by the burning of fossil fuels, land clearing, agriculture, and other activities, and lead to an increase in the greenhouse effect.[18]

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

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

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

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

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

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

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

Table C: Global Warming Potential of Greenhouse Gases

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

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

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

Carbon Dioxide

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

In 2021, total annual CO_2 accounted for approximately 81.2 percent of California's overall GHG emissions.[19] Transportation is the single largest source of CO_2 in California, which is primarily comprised of on-road travel. Electricity production, industrial and residential sources also make important contributions to CO_2 emissions in California.

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

Methane

Methane (CH_4) is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Decomposition occurring in landfills accounts for the majority of human-generated CH_4 emissions in California and in the United States as a whole. Agricultural processes such as intestinal fermentation, manure management, and rice cultivation are also significant sources of CH_4 in California. Total annual emissions of CH_4 accounted for approximately 9.8 percent of GHG emissions in California in 2021.[20]

Nitrous Oxide

Nitrous oxide (N_2O) is produced naturally by a wide variety of biological sources, particularly microbial action in soils and water. Tropical soils and oceans account for the majority of natural source emissions. Nitrous oxide is a product of the reaction that occurs between nitrogen and oxygen during fuel combustion. Both mobile and stationary combustion emit N_2O, and the quantity emitted varies according to the type of fuel, technology, and pollution control device used, as well as maintenance and operating practices. Agricultural soil management and fossil fuel combustion are the primary sources of human-generated N_2O emissions in California. Nitrous oxide emissions accounted for approximately 3.4 percent of GHG emissions in California in 2021.[21]

Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride

HFCs are primarily used as substitutes for ozone-depleting substances regulated under the Montreal Protocol.[22] PFCs and SF_6 are emitted from various industrial processes, including aluminum smelting, semiconductor manufacturing, electric power transmission and distribution, and magnesium casting. There is no aluminum or magnesium production in California; however, the rapid growth in the semiconductor industry leads to greater use of PFCs. HFCs, PFCs, and SF_6 accounted for about 5.6 percent of GHG emissions in California in 2021.[23]

Black Carbon

Black carbon is the most strongly light-absorbing component of PM formed by burning fossil fuels such as coal, diesel, and biomass. Black carbon is emitted directly into the atmosphere in the form of $PM_{2.5}$ and is the most effective form of PM, by mass, at absorbing solar energy. Per unit of mass in the atmosphere, black carbon can absorb one million times more energy than CO_2.[24] Black carbon contributes to climate change both directly, such as absorbing sunlight, and indirectly, such as

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

21 Ibid.

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

23 CARB. 2022. op. cit.

24 U.S. Environmental Protection Agency (USEPA). 2015. Black Carbon, Basic Information. February 14, 2017. Website: 19january2017snapshot.epa.gov/www3/airquality/blackcarbon/basic.html (accessed December 2024).

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

Most U.S. emissions of black carbon come from mobile sources (52 percent), particularly from diesel-fueled vehicles. The other major source of black carbon is open biomass burning, including wildfires, although residential heating and industry also contribute. The CARB estimates that the annual black carbon emissions in California will be reduced approximately 50 percent below 2013 levels by 2030.[25]

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

REGULATORY SETTING

AIR QUALITY REGULATIONS

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

Federal Regulations

Federal Clean Air Act

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

State Regulations

California Clean Air Act

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

California Air Resources Board

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

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

The California Air Resources Board Handbook. The CARB has developed an Air Quality and Land Use Handbook[26] which is intended to serve as a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. According to the CARB Handbook, air pollution studies have shown an association between respiratory and other non-cancer health effects and proximity to high traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. The CARB Handbook recommends that county and city planning agencies strongly consider proximity to these sources when finding new locations for "sensitive" land uses such as homes, medical facilities, daycare centers, schools, and playgrounds.

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

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

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

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

Regional Regulations

South Coast Air Quality Management District

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

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

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

The proposed project could be subject to the following SCAQMD rules and regulations:[27]

- **Regulation IV - Prohibitions:** This regulation sets forth the restrictions for visible emissions, odor nuisance, fugitive dust, various air pollutant emissions, fuel contaminants, start-up/shutdown exemptions, and breakdown events.
    - **Rule 402 - Nuisance:** This rule restricts the discharge of any contaminant in quantities that cause or have a natural ability to cause injury, damage, nuisance, or annoyance to businesses, property, or the public.
    - **Rule 403 - Fugitive Dust:** This rule requires the prevention, reduction, or mitigation of fugitive dust emissions from a project site. Rule 403 restricts visible fugitive dust to a project property line, restricts the net PM_{10} emissions to less than 50 µg/m^3 and restricts the tracking out of bulk materials onto public roads. Additionally, Rule 403 requires an applicant to utilize one or more of the best available control measures (identified in the tables within the rule). Control measures may include adding freeboard to haul vehicles, covering loose material on haul vehicles, watering, using chemical stabilizers, and/or ceasing all activities. Finally, Rule 403 requires that a contingency plan be prepared if so determined by the USEPA. In addition, SCAQMD Rule 403(e), Additional Requirements for Large Operations, includes requirements to provide Large Operation Notification Form 403 N, appropriate signage, additional dust control measures, and employment of a dust control supervisor that has successfully completed the Dust Control training class in the South Coast Air Basin.
- **Regulation XI - Source Specific Standards:** Regulation XI sets emissions standards for different sources.
    - **Rule 1113 - Architectural Coatings:** This rule limits the amount of VOCs from architectural coatings and solvents, which lowers the emissions of odorous compounds.
- **Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program:** This rule reduces local and regional emissions of nitrogen oxides and particulate matter, and facilitates local and regional emission reductions associated with warehouses and the mobile sources attracted to warehouses in order to assist in meeting state and federal air quality standards for ozone and fine particulate matter. This rule applies to owners and operators of warehouses with at least 100,000 square feet of indoor floor space in a single building. The warehouse rule is a menu-based points system requiring warehouse

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

operators to annually earn a specified number of points. These points can be earned by completing actions from a menu that can include acquiring and using natural gas, Near-Zero Emissions and/or Zero- Emissions on-road trucks, zero-emission cargo handling equipment, solar panels or zero-emission charging and fueling infrastructure, or other options. SCAQMD expects this rule to reduce emissions from warehouse uses by 10–15 percent. On September 11, 2024, the USEPA approved Rule 2305 to reduce pollution from warehouses, as a State implementation plan (SIP) revision.

The SCAQMD is responsible for demonstrating regional compliance with AAQS but has limited indirect involvement in reducing emissions from fugitive, mobile, and natural sources. To that end, the SCAQMD works cooperatively with the CARB, the Southern California Association of Governments (SCAG), county transportation commissions, local governments, and other federal and State government agencies. It has responded to this requirement by preparing a series of Air Quality Management Plans (AQMPs) to meet CAAQS and NAAQS. SCAQMD and the SCAG are responsible for formulating and implementing the AQMP for the Basin. The main purpose of an AQMP is to bring the area into compliance with federal and State air quality standards. Every 3 years, SCAQMD prepares a new AQMP, updating the previous plan and 20-year horizon.[28]

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

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

The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_x

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

technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other CAA measures to achieve the 2015 8-hour ozone standard.

Southern California Association of Governments

SCAG is a council of governments for Los Angeles, Orange, Riverside, San Bernardino, Imperial, and Ventura Counties. It is a regional planning agency and serves as a forum for regional issues relating to transportation, the economy and community development, and the environment. SCAG is the federally designated Metropolitan Planning Organization (MPO) for the majority of the southern California region and is the largest MPO in the nation. With regard to air quality planning, SCAG prepares the Regional Transportation Plan (RTP) and Regional Transportation Improvement Program (RTIP), which address regional development and growth forecasts and form the basis for the land use and transportation control portions of the AQMP and are utilized in the preparation of the air quality forecasts and consistency analysis included in the AQMP. The RTP, RTIP, and AQMP are based on projections originating within local jurisdictions.

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

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

Local Regulations

City of Hemet General Plan 2030

The City of Hemet addresses air quality in the Open Space and Conservation Element of the City of Hemet General Plan 2030.[29] The Open Space and Conservation Element contains policies that work

[29] City of Hemet. 2012. *City of Hemet General Plan 2030*. January 24.

to improve air quality and seek to reduce greenhouse gas emissions. The following policies are applicable to the proposed project:

- **OS-7.1. Development Design and Practices:** Reduce the amount of air pollution emissions from mobile and stationary sources and enhance the South Coast Air Basin by using best management practices in development proposals and project implementation.

- **OS-7.3. Alternative Vehicles:** Promote the use of fuel-efficient and low emission vehicles, including neighborhood electric vehicles (NEVs).

- **OS-7.6. Transportation Trip Management:** Encourage employers to implement transportation demand management (TDM) measure to reduce trips and vehicle miles traveled.

- **OS-7.8 Green Building Techniques:** Encourage green building techniques that improve indoor air quality, energy efficiency and conservation in buildings, and utilization of renewable energy sources.

- **OS-7.9. Stationary Source Pollution:** Continue to minimize stationary source pollution through the following:

    - Ensure that industrial and commercial land uses are meeting existing South Coast Air Quality Management air thresholds by adhering to established rules and regulations.

    - Encourage the use of new technology to neutralize harmful criteria pollutants from stationary sources.

    - Reduce exposure of the City's sensitive receptors to poor air quality nodes through smart land use decisions.

- **OS-7.10. Sensitive Receptors:** Locate sensitive receptors (i.e., residences, playgrounds, childcare centers, athletic facilities, churches, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes) away from significant pollution sources to the maximum extent feasible.

- **OS-7.11. Fugitive Dust:** Reduce the amount of fugitive dust released into the atmosphere by construction and demolition, materials handling, paved roads, unpaved roads, and stock piles through development standards and compliance with CEQA regulations.

- **OS-7-12. Best Management Practices:** Ensure all applicable best management practices are used in accordance with South Coast Air Quality Management District (SCAQMD) to reduce emitting criteria pollutants during construction.

ENERGY REGULATORY SETTING

Federal and State agencies regulate energy use and consumption through various means and programs. On the federal level, the U.S. Department of Transportation (USDOT), the United States

Department of Energy, and the USEPA are three federal agencies with substantial influence over energy policies and programs. Generally, federal agencies influence and regulate transportation energy consumption through establishment and enforcement of fuel economy standards for automobiles and light trucks, through funding of energy-related research and development projects, and through funding for transportation infrastructure improvements. On the State level, the California Public Utilities Commission (CPUC) and the California Energy Commission (CEC) are two agencies with authority over different aspects of energy.

The CPUC regulates privately owned electric, natural gas, telecommunications, water, railroad, rail transit, and passenger transportation companies and serves the public interest by protecting consumers and ensuring the provision of safe, reliable utility service and infrastructure at reasonable rates, with a commitment to environmental enhancement and a healthy California economy.

The CEC is the State's primary energy policy and planning agency. The CEC forecasts future energy needs, promotes energy efficiency, supports energy research, develops renewable energy resources, and plans for/directs state response to energy emergencies. The applicable federal, State, regional, and local regulatory framework is discussed below.

Federal Regulations

Energy Policy Act of 2005

The Energy Policy Act of 2005 seeks to reduce reliance on non-renewable energy resources and provide incentives to reduce current demand on these resources. For example, under this Act, consumers and businesses can obtain federal tax credits for purchasing fuel-efficient appliances and products (including hybrid vehicles), building energy-efficient buildings, and improving the energy efficiency of commercial buildings. Additionally, tax credits are available for the installation of qualified fuel cells, stationary microturbine power plants, and solar power equipment.

Corporate Average Fuel Economy (CAFE) Standards

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

State Regulations

Assembly Bill 1575, Warren-Alquist Act

In 1975, largely in response to the oil crisis of the 1970s, the State Legislature adopted Assembly Bill (AB) 1575 (also known as the Warren-Alquist Act), which created the CEC. The statutory mission of the CEC is to forecast future energy needs; license power plants of 50 megawatts (MW) or larger; develop energy technologies and renewable energy resources; plan for and direct State responses

to energy emergencies; and, perhaps most importantly, promote energy efficiency through the adoption and enforcement of appliance and building energy efficiency standards. AB 1575 also amended Public Resources Code (PRC) Section 21100(b)(3) and *State CEQA Guidelines* Section 15126.4 to require Environmental Impact Reports (EIRs) to include, where relevant, mitigation measures proposed to minimize the wasteful, inefficient, and unnecessary consumption of energy caused by a project. Thereafter, the State Resources Agency created Appendix F to the *State CEQA Guidelines*. Appendix F assists EIR preparers in determining whether a project will result in the inefficient, wasteful, and unnecessary consumption of energy. Appendix F of the *State CEQA Guidelines* also states that the goal of conserving energy implies the wise and efficient use of energy and the means of achieving this goal, including (1) decreasing overall per capita energy consumption; (2) decreasing reliance on fossil fuels such as coal, natural gas, and oil; and (3) increasing reliance on renewable energy sources.

Senate Bill 1389, Energy: Planning and Forecasting

In 2002, the State Legislature passed Senate Bill (SB) 1389, which required the CEC to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the California Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero emission vehicles (ZEVs) and their infrastructure needs, and encouragement of urban designs that reduce vehicle miles traveled (VMT) and accommodate pedestrian and bicycle access.

In compliance with the requirements of SB 1389, the CEC adopts an Integrated Energy Policy Report every 2 years and an update every other year. The most recently adopted report includes the *2023 Integrated Energy Policy Report.*[30] The *Integrated Energy Policy Report* covers a broad range of topics, including decarbonizing buildings, integrating renewables, energy efficiency, energy equity, integrating renewable energy, updates on Southern California electricity reliability, climate adaptation activities for the energy sector, natural gas assessment, transportation energy demand forecast, and the California Energy Demand Forecast. The *Integrated Energy Policy Report* provides the results of the CEC's assessments of a variety of energy issues facing California. Many of these issues will require action if the State is to meet its climate, energy, air quality, and other environmental goals while maintaining energy reliability and controlling costs.

Renewable Portfolio Standard

SB 1078 established the California Renewable Portfolio Standards program in 2002. SB 1078 initially required that 20 percent of electricity retail sales be served by renewable resources by 2017; however, this standard has become more stringent over time. In 2006, SB 107 accelerated the standard by requiring that the 20 percent mandate be met by 2010. In April 2011, SB 2 required that 33 percent of electricity retail sales be served by renewable resources by 2020. In 2015, SB 350 established tiered increases to the Renewable Portfolio Standards of 40 percent by 2024, 45 percent

[30] CEC. 2023. *2023 Integrated Energy Policy Report*. California Energy Commission. Docket Number: 23-IEPR-01.

by 2027, and 50 percent by 2030. In 2018, SB 100 increased the requirement to 60 percent by 2030 and required that all the State's electricity come from carbon-free resources by 2045. SB 100 took effect on January 1, 2019.[31]

Title 24, California Building Code

Energy consumption by new buildings in California is regulated by the Building Energy Efficiency Standards, embodied in Title 24 of the California Code of Regulations (CCR), known as the California Building Code (CBC). The CEC first adopted the Building Energy Efficiency Standards for Residential and Non-residential Buildings in 1978 in response to a legislative mandate to reduce energy consumption in the State. The CBC is updated every 3 years, with the most recent update consisting of the 2022 CBC that became effective January 1, 2023. The efficiency standards apply to both new construction and rehabilitation of both residential and non-residential buildings, and regulate energy consumed for heating, cooling, ventilation, water heating, and lighting. The building efficiency standards are enforced through the local building permit process. Local government agencies may adopt and enforce energy standards for new buildings, provided these standards meet or exceed those provided in CCR Title 24.

California Green Building Standards Code (CALGreen Code)

In 2010, the California Building Standards Commission (CBSC) adopted Part 11 of the Title 24 Building Energy Efficiency Standards, referred to as the California Green Building Standards Code (CALGreen Code). The CALGreen Code took effect on January 1, 2011. The CALGreen Code is updated on a regular basis, with the most recent update consisting of the 2022 CALGreen Code standards that became effective January 1, 2023. The CALGreen Code established mandatory measures for residential and non-residential building construction and encouraged sustainable construction practices in the following five categories: (1) planning and design, (2) energy efficiency, (3) water efficiency and conservation, (4) material conservation and resource efficiency, and (5) indoor environmental quality. Although the CALGreen Code was adopted as part of the State's efforts to reduce greenhouse gas (GHG) emissions, the CALGreen Code standards have co-benefits of reducing energy consumption from residential and non-residential buildings subject to the standard.

California Energy Efficiency Strategic Plan

On September 18, 2008, the CPUC adopted California's first Long-Term Energy Efficiency Strategic Plan, presenting a roadmap for energy efficiency in California. The Plan articulates a long-term vision and goals for each economic sector and identifies specific near-term, mid-term, and long-term strategies to assist in achieving those goals. The Plan also reiterates the following four specific programmatic goals known as the "Big Bold Energy Efficiency Strategies" that were established by the CPUC in Decisions D.07-10-032 and D.07-12-051:

- All new residential construction will be zero net energy (ZNE) by 2020.
- All new commercial construction will be ZNE by 2030.

[31] California Public Utilities Commission (CPUC). 2019. Renewables Portfolio Standard Program. Website: cpuc.ca.gov/rps (accessed December 2024).

- 50 percent of commercial buildings will be retrofitted to ZNE by 2030.
- 50 percent of new major renovations of State buildings will be ZNE by 2025.

Regional Regulations

There are no regional regulations that apply to the proposed project.

Local Regulations

City of Hemet General Plan 2030

The City of Hemet addresses energy in the Open Space and Conservation Element of the City of Hemet General Plan 2030.[32] The Open Space and Conservation Element contains policies that work to conserve energy resources through the use of available technology and conservation practices. The following policies are applicable to the proposed project:

- **OS-6.1. CALGreen Standards:** Encourage the efficient use of energy resources by residential, commercial, and industrial users by requiring project proposals to incorporate energy-efficient products and techniques into their designs in accordance with adopted California Green Building Standards Code standards and other development standards.

- **OS-6.5. Clean Energy:** Support the use and production of clean energy resources through green technology and programs that promote wind, solar, renewable, biomass, and cogenerating energy sources, where compatible with adjacent uses.

- **OS-6.6. Solar Energy:** Encourage existing or new structures to maximize solar access by promoting passive solar energy design, natural ventilation, effective use of daylight, and on-site solar generation.

- **OS-6.7. Recycling:** promote the use of recycling and recycled materials in development projects and consumable products.

Hemet Municipal Energy Action Plan (MEAP)

The City of Hemet is committed to providing a more livable, environmentally healthy, equitable and economically vibrant community. As one of the participating jurisdictions of the Western Riverside Energy Leadership Partnership (WRELP), the City is adopting new energy efficiency programs that will reduce utility costs and greenhouse gas emissions associated with energy use at the municipal and community level. The main focus of the MEAP is to improve the energy efficiency at City-owned facilities. The MEAP will also assist the City set and prioritize goals, policies, and assign appropriate energy consumption reduction targets. The following policies are applicable to the proposed project:

- R1-E3: Assembly Bill 1109 energy efficiency standards for lighting (commercial indoor and outdoor lighting)

[32] City of Hemet. 2012. *City of Hemet General Plan 2030*. January 24.

- R1-E4: Electricity energy efficiency
- R1-E5: Natural gas energy efficiency
- R3-W1: water efficiency and conservation education

GREENHOUSE GAS REGULATORY SETTING

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

Federal Regulations

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

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

In October 2012, the USEPA and the NHTSA, on behalf of the U.S. Department of Transportation, issued final rules to further reduce GHG emissions and improve CAFE standards for light-duty vehicles for model years 2017 and beyond (77 *Federal Register* 62624). The NHTSA's CAFE standards have been enacted under the Energy Policy and Conservation Act since 1978. This national program requires automobile manufacturers to build a single light-duty national fleet that meets all requirements under both federal programs and the standards of California and other states. This program would increase fuel economy to the equivalent of 54.5 miles per gallon, limiting vehicle emissions to 163 grams of CO_2 per mile for the fleet of cars and light-duty trucks by model year 2025 (77 *Federal Register* 62630).

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

State Regulations

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

Assembly Bill 1493 (2002)

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

Executive Order S-3-05 (2005)

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

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

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

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

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

California's major initiative for reducing GHG emissions is AB 32, passed by the State legislature on August 31, 2006. This effort aims at reducing GHG emissions to 1990 levels by 2020. The CARB has established the level of GHG emissions in 1990 at 427 million metric tons (MMT) of CO_2e. The emissions target of 427 MMT requires the reduction of 169 MMT from the State's projected

business-as-usual 2020 emissions of 596 MMT. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The Scoping Plan was approved by the CARB on December 11, 2008, and contains the main strategies California will implement to achieve the reduction of approximately 169 MMT CO_2e, or approximately 30 percent, from the State's projected 2020 emissions level of 596 MMT CO_2e under a business-as-usual scenario (this is a reduction of 42 MMT CO_2e, or almost 10 percent from 2002–2004 average emissions). The Scoping Plan also includes CARB-recommended GHG reductions for each emissions sector of the State's GHG inventory. The Scoping Plan calls for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- Improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO_2e);
- The Low-Carbon Fuel Standard (15.0 MMT CO_2e);
- Energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems (26.3 MMT CO_2e); and
- A renewable portfolio standard for electricity production (21.3 MMT CO_2e).

The CARB approved the First Update to the Climate Change Scoping Plan on May 22, 2014. The First Update identifies opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The First Update defines CARB climate change priorities until 2020, and also sets the groundwork to reach long-term goals set forth in EOs S-3-05 and B-16-2012. The Update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals as defined in the initial Scoping Plan. It also evaluates how to align the State's "longer-term" GHG reduction strategies with other State policy priorities for water, waste, natural resources, clean energy, transportation, and land use. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[33] to reflect the 2030 target set by EO B-30-15 and codified by SB 32.

Most recently, the 2022 Scoping Plan[34] was approved in December 2022 and assesses progress towards achieving the SB 32 2030 target and lay out a path to achieve carbon neutrality no later than 2045. The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

The 2022 Scoping Plan focuses on building clean energy production and distribution infrastructure for a carbon-neutral future, including transitioning existing energy production and transmission infrastructure to produce zero-carbon electricity and hydrogen and utilizing biogas resulting from wildfire management or landfill and dairy operations, among other substitutes. The 2022 Scoping

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

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

Plan states that in almost all sectors, electrification will play an important role. The 2022 Scoping Plan evaluates clean energy and technology options and the transition away from fossil fuels, including adding four times the solar and wind capacity by 2045 and about 1,700 times the amount of current hydrogen supply. As discussed in the 2022 Scoping Plan, EO N-79-20 requires that all new passenger vehicles sold in California will be zero-emission by 2035, and all other fleets will have transitioned to zero-emission as fully possible by 2045, which will reduce the percentage of fossil fuel combustion vehicles.

Senate Bill 97 (2007)

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

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

Senate Bill 375 (2008)

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

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

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

Source: California Air Resources Board (2018).

Executive Order B-30-15 (2015)

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

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

All State agencies with jurisdiction over sources of GHG emissions were directed to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 targets. CARB was directed to update the AB 32 Scoping Plan to reflect the 2030 target, and therefore, is moving forward with the update process. The mid-term target is critical to help frame the suite of policy measures, regulations, planning efforts, and investments in clean technologies and infrastructure needed to continue reducing emissions.

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

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

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

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

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

In summer 2016 the Legislature passed, and the Governor signed, SB 32, and AB 197. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in Governor Brown's April 2015 EO B-30-15. SB 32 builds on AB 32 and keeps us on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels, consistent with an

Intergovernmental Panel on Climate Change (IPCC) analysis of the emissions trajectory that would stabilize atmospheric GHG concentrations at 450 parts per million CO_2e and reduce the likelihood of catastrophic impacts from climate change.

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

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's Renewables Portfolio Standard (RPS) requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a State policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all State agencies by December 31, 2045. Under the bill, the State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

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

Assembly Bill 1279

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

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

In November 2008, the California Building Standards Commission established the California Green Building Standards Code (CALGreen Code), which sets performance standards for residential and non-residential development to reduce environmental impacts and encourage sustainable construction practices. The CALGreen Code addresses energy efficiency, water conservation, material conservation, planning and design, and overall environmental quality. The CALGreen Code is updated every 3 years and was most recently updated in 2019 to include new mandatory measures for residential as well as non-residential uses; the new measures took effect on January 1, 2020. The current set of standards was adopted in 2022 and applies to projects seeking building permits on or after January 1, 2023.

California Building Efficiency Standards (Title 24, Part 6)

The California Building Standards Code, or Title 24 of the California Code of Regulations (CCR) contains the regulations that govern the construction of buildings in California. Within the Building Standards Code, two parts pertain to the incorporation of both energy efficient and green building elements into land use development. Part 6 is California's Energy Efficiency Standards for Residential and Non-Residential Buildings. These standards were first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption and are updated on an approximately 3-year cycle to allow consideration and possible incorporation of new energy efficient technologies and methods. All buildings for which an application for a building permit is submitted on or after January 1, 2020, must follow the 2019 standards. The current set of standards was adopted in 2022 and applies to projects seeking building permits on or after January 1, 2023. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions.

Executive Order N-79-20, Executive Order B-48-18, Low Carbon Fuel Standard and the Advanced Clean Cars Program

EO N-79-20, which was signed by the Governor on September 23, 2020, sets the following goals for the State: 100 percent of in-state sales of new passenger cars and trucks shall be zero-emission by 2035; 100 percent of medium- and heavy-duty vehicles in the State shall be zero-emission by 2045 for all operations where feasible and by 2035 for drayage trucks; and 100 percent of off-road vehicles and equipment in the State shall be zero-emission by 2035, where feasible. EO B-48-18 requires all State entities to work with the private sector to have at least 5 million ZEVs on the road by 2030, as well as install 200 hydrogen fueling stations and 250,000 EV charging stations by 2025. This order also requires all State entities to continue to partner with local and regional governments to streamline the installation of ZEV infrastructure. EO S-01-07 calls for a statewide goal to be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020, and that a Low Carbon Fuel Standard (LCFS) for transportation fuels be established for California. In 2018, CARB approved amendments to the LCFS regulation to readjust carbon intensity benchmarks to meet California's 2030 GHG reductions targets under SB 32. These amendments include opportunities to promote zero emission vehicle (ZEV) adoption, carbon capture and sequestration, and advanced technologies for decarbonization of the transportation sector. Furthermore, CARB adopted the Advanced Clean Cars program, which combines the control of GHG emissions and criteria air pollutants, as well as requirements for greater numbers of ZEVs, into a single package of regulatory standards for vehicle model years 2017 through 2025. The program's ZEVs regulation requires battery, fuel cell, and/or plug-in hybrid electric vehicles to account for up to 15 percent of California's new vehicle sales by 2025.

California Integrated Waste Management Act

To minimize the amount of solid waste that must be disposed of in landfills, the State Legislature passed the California Integrated Waste Management Act of 1989 (AB 939), effective January 1990. According to AB 939, all cities and counties were required to divert 25 percent of all solid waste from landfill facilities by January 1, 1995, and 50 percent by January 1, 2000. Through other statutes and regulations, this 50 percent diversion rate also applies to State agencies. In order of priority, waste reduction efforts must promote source reduction, recycling and composting, and

environmentally safe transformation and land disposal. In 2011, AB 341 modified the California Integrated Waste Management Act and directed the California Department of Resources Recycling and Recovery (CalRecycle) to develop and adopt regulations for mandatory commercial recycling. The resulting 2012 Mandatory Commercial Recycling Regulation requires that on and after July 1, 2012, certain businesses that generate four cubic yards or more of commercial solid waste per week shall arrange recycling services. To comply with this requirement, businesses may either separate recyclables and self-haul them or subscribe to a recycling service that includes mixed waste processing. AB 341 also established a statewide recycling goal of 75 percent; the 50 percent disposal reduction mandate still applies for cities and counties under AB 939, the Integrated Waste Management Act. In April 2016, AB 1826 further modified the California Integrated Waste Management Act, requiring businesses that generate a specified amount of organic waste per week to arrange for recycling services for that organic waste in a specified manner. As such, in September of 2020, CalRecycle determined that businesses generating more than two cubic yards of organic waste per week would be subject to these waste collection requirements. Diverting organic waste from landfills reduces emissions of CH_4. This is equivalent to reducing anaerobic decomposition of organic waste that would have otherwise occurred in landfills where organic waste is often buried with other inorganic waste.

Executive Order B-48-18

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

Regional Regulations

South Coast Air Quality Management District

In 2008, the SCAQMD formed a Working Group to identify GHG emissions thresholds for land use projects that could be used by local lead agencies in the Basin. The Working Group developed several different options that are contained in the SCAQMD 2008 draft guidance document titled, *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans,*[35] that could be applied by lead agencies. On September 28, 2010, SCAQMD Working Group Meeting No. 15 provided further guidance, including a tiered approach for evaluating GHG emissions for

[35] SCAQMD. 2008b. *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans*.

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

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

Southern California Association of Governments

On April 4, 2024, SCAG adopted Connect SoCal.[36] In general, the SCS outlines a development pattern for the region, which, when integrated with the transportation network and other transportation measures and policies, would reduce vehicle miles traveled (VMT) from automobiles and light-duty trucks and thereby reduce GHG emissions from these sources. For the SCAG region, CARB has set GHG reduction targets at 8 percent below 2005 per capita emissions levels by 2020, and 19 percent below 2005 per capita emissions levels by 2035. The RTP/SCS lays out a strategy for the region to meet these targets. Overall, the SCS is meant to provide growth strategies that will achieve the regional GHG emissions reduction targets. Land use strategies to achieve the region's targets include planning for new growth around high-quality transit areas and livable corridors, and creating neighborhood mobility areas to integrate land use and transportation and plan for more active lifestyles.[37] However, the SCS does not require that local General Plans, Specific Plans, or zoning be consistent with the SCS; SCAG is required to consider local land use controls when drafting the SCS.

Local Regulations

City of Hemet Climate Action Implementation Plan

In 2012, the Western Riverside Council of Governments (WRCOG) invited the City of Hemet to participate in the Western Riverside Energy Leadership Partnership (WRELP) and the Subregional Climate Action Plan (CAP)[38]. The WRELP consists of energy efficiency programs that will reduce utility costs and GHG associated with energy use at the municipal and community level. The CAP sets forth a subregional emissions reduction target, emission reduction measures, and actions steps

[36] Southern California Association of Governments (SCAG). 2024. Connect SoCal: The 2024–2050 Regional Transportation Plan/Sustainable Communities Strategy of the Southern California Association of Governments. Website: https://scag.ca.gov/connect-socal (accessed December 2024).

[37] Southern California Association of Governments (SCAG). 2020. Connect SoCal: The 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy of the Southern California Association of Governments. Website: https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocal-plan_0.pdf?1606001176 (accessed December 2024).

[38] City of Hemet. 2018. *City of Hemet Climate Action Plan.* September 11. Website: Climate-Action-Plan-091118 (hemetca.gov) (accessed December 2024).

to help the participating jurisdictions demonstrate consistency with AB 32. The City of Hemet has committed to the following reduction measures that will be applicable to the proposed project.

- R2-E2 New Commercial Energy Efficiency: Increase energy efficiency in new commercial developments an average of 10 percent beyond Title 24 Standards.
- R2-E4 Commercial Renewable Energy: Derive 10 percent of the electricity use in new commercial developments from renewable energy and install an average of 5Kw of solar photovoltaic cells per 10,000 square feet of building space.
- R2-W2 Water Conservation Strategies: Reduce water consumption in new developments by 20 percent through low flush toilets, landscape ordinance, incentive programs, on-site stormwater capture, and other similar programs.
- T-2 Bicycle Parking: Provide additional options for bicycle parking.
- T-3 End of Trip Facilities: Encourage the use of non-motorized transportation modes by providing appropriate facilities and amenities for commuters.
- T-12 Limit Parking Requirements for New Development: Reduce requirements for vehicle parking in new development projects.

SETTING

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

ATTAINMENT STATUS

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

The USEPA designates areas for O_3, CO, and NO_2 as either does not meet the primary standards, or cannot be classified, or better than national standards. For SO_2, areas are designated as does not meet the primary standards, does not meet the secondary standards, cannot be classified, or better than national standards. On February 2024, the USEPA issued a final revised standard for $PM_{2.5}$ to lower the primary standard from 12 µg/m^3 to 9 µg/m^3. The USEPA will issue final area designations in February 2026.

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

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

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

Source: South Coast Air Quality Management District (2018).
[1] Except in Los Angeles County.
CO = carbon monoxide
N/A = not applicable
NO_2 = nitrogen dioxide
O_3 = ozone
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
SO_2 = sulfur dioxide

EXISTING CLIMATE AND AIR QUALITY

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

The annual average temperature varies little throughout the Basin, ranging from the low to middle 60s°F. With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas. The climatological station closest to the site is the Hemet Station.[39] The monthly average maximum temperature recorded at this station ranged from 67.7°F in February to 98.9°F in August, with an annual average maximum of 81.7°F. The monthly average minimum temperature recorded at this station ranged from 37.3°F in December to 61.2°F in August, with an annual average minimum of 48.4°F. These levels are representative of the project area.

The majority of annual rainfall in the Basin occurs between November and March. Summer rainfall is minimal and is generally limited to scattered thundershowers in coastal regions and slightly heavier showers in the eastern portion of the Basin and along the coastal side of the mountains. Average monthly rainfall at the Hemet station varied from 0.0 inch for the majority of the year to 1.1 inches in March, with an annual total of 1.2 inches. Patterns in monthly and yearly rainfall totals are unpredictable due to fluctuations in the weather.

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

Winds in the project area blow predominantly from the south-southwest, with relatively low velocities. Wind speeds in the project area average about 5 miles per hour (mph). Summer wind speeds average slightly higher than winter wind speeds. Low average wind speeds, together with a persistent temperature inversion, limit the vertical dispersion of air pollutants throughout the Basin. Strong, dry, north, or northeasterly winds, known as Santa Ana winds, occur during the fall and winter months, dispersing air contaminants. The Santa Ana conditions tend to last for several days at a time.

The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. On days of no inversion or high wind speeds, ambient air pollutant concentrations are the lowest. During periods of low inversions and low wind speeds, air pollutants generated in urbanized areas are transported predominantly on shore into Riverside and San Bernardino

[39] Western Regional Climate Center. Recent Climate in the West. Website: http://www.wrcc.dri.edu, (accessed December 2024).

Counties. In the winter, the greatest pollution problems are CO and NO_X because of extremely low inversions and air stagnation during the night and early morning hours. In the summer, the longer daylight hours and brighter sunshine combine to cause a reaction between hydrocarbons and NO_x to form photochemical smog. Smog is a general term that is naturally occurring fog that has become mixed with smoke or pollution. In this context it is better described as a form of air pollution produced by the photochemical reaction of sunlight with pollutants that have been released into the atmosphere, especially by automotive emissions.

AIR QUALITY MONITORING RESULTS

Air quality monitoring stations are located throughout the nation and are maintained by the local air pollution control district and State air quality regulating agencies. The SCAQMD, together with the CARB, maintains ambient air quality monitoring stations in the Basin. The air quality monitoring stations closest to the project site are located at 200 S. Hathaway Street in Banning and 5888 Mission Boulevard in Rubidoux, California.

Pollutant monitoring results for years 2020 to 2023 at the Banning and Rubidoux ambient air quality monitoring stations, shown in Table F, indicate that air quality in the area has generally been moderate. As indicated in the monitoring results, the federal PM_{10} standard had no exceedances in the 3-year period. The State PM_{10} standard was exceeded 2 times in 2023 only. The $PM_{2.5}$ federal standard was exceeded an unknown number of times during the 3-year period. The 1-hour ozone State standard was exceeded 41 times in 2021, 30 times in 2022, and 28 times in 2023.. The 8-hour ozone State standard was exceeded 82 times in 2021, 59 times in 2022, and 53 times in 2023. The 8-hour ozone federal standard was 80 times in 2021, 56 times in 2022, and 51 times in 2023. In addition, the CO, SO_2, and NO_2 standards were not exceeded in this area during the 3-year period.

GREENHOUSE GAS EMISSIONS INVENTORY

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

Global Emissions

Worldwide emissions of GHGs in 2020 totaled 22.9 billion metric tons (MT) of CO_2e. Global estimates are based on country inventories developed as part of the programs of the United Nations Framework Convention on Climate Change.[40]

United States Emissions

In 2022, the year for which the most recent data are available, the United States emitted about 6,343 million metric tons of CO_2e (MMT CO_2e). Overall, emissions in 2022 increased by 1 percent relative to the 2021 total GHG emissions. This increase in total GHG emissions was driven by fossil

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

fuel combustion due primarily to increased energy use, due inpart to the continued rebound in economic activity after the height of the COVID-19 pandemic. However, GHG emissions in 2022 were 17 percent below those of 2005 levels. Of the five major sectors—residential and commercial, agricultural, industry, transportation, and electricity generation—transportation accounted for the highest amount of GHG emissions in 2022 (approximately 28 percent), with electricity generation second at 25 percent and emissions from industry third at 23 percent.[41].

[41] USEPA. 2023. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2022. Website: https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks (accessed December 2024).

Table F: Ambient Air Quality at the Nearby Monitoring Stations

Pollutant	Standard	2021	2022	2023
Carbon Monoxide (CO)[1]				
Maximum 1-hour concentration (ppm)		2.1	1.5	1.7
Number of days exceeded:	State: > 20 ppm	0	0	0
	Federal: > 35 ppm	0	0	0
Maximum 8-hour concentration (ppm)		1.7	1.1	1.2
Number of days exceeded:	State: > 9 ppm	0	0	0
	Federal: > 9 ppm	0	0	0
Ozone (O_3)[2]				
Maximum 1-hour concentration (ppm)		0.139	0.116	0.140
Number of days exceeded:	State: > 0.09 ppm	41	30	28
Maximum 8-hour concentration (ppm)		0.116	0.101	0.106
Number of days exceeded:	State: > 0.07 ppm	82	59	53
	Federal: > 0.07 ppm	80	56	51
Coarse Particulates (PM_{10})[2]				
Maximum 24-hour concentration (µg/m^3)		44.8	48.3	94.5
Number of days exceeded:	State: > 50 µg/m^3	0	0	2
	Federal: > 150 µg/m^3	0	0	0
Annual arithmetic average concentration (µg/m^3)		21.2	22.5	22.3
Exceeded for the year:	State: > 20 µg/m^3	Yes	Yes	Yes
	Federal: > 50 µg/m^3	No	No	No
Fine Particulates ($PM_{2.5}$)[2]				
Maximum 24-hour concentration (µg/m^3)		40.9	37.9	ND
Number of days exceeded:	Federal: > 35 µg/m^3	ND	ND	ND
Annual arithmetic average concentration (µg/m^3)		10.5	11.7	ND
Exceeded for the year:	State: > 12 µg/m^3	No	No	ND
	Federal: > 15 µg/m^3	No	No	ND
Nitrogen Dioxide (NO_2)[2]				
Maximum 1-hour concentration (ppm)		0.056	0.051	0.049
Number of days exceeded:	State: > 0.250 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.008	0.008	0.007
Exceeded for the year:	Federal: > 0.053 ppm	No	No	No
Sulfur Dioxide (SO_2)[1]				
Maximum 1-hour concentration (ppm)		0.0021	0.0067	0.0031
Number of days exceeded:	State: > 0.25 ppm	0	0	0
Maximum 24-hour concentration (ppm)		0.0011	0.0012	0.0007
Number of days exceeded:	State: > 0.04 ppm	0	0	0
	Federal: > 0.14 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.00051	0.00054	0.0002
Exceeded for the year:	Federal: > 0.030 ppm	No	No	No

Sources: CARB (2021) and USEPA (2022).

1- Data taken from 5888 Mission Blvd., Rubidoux Monitoring Station.

2- Data Taken from 200 S. Hathaway St., Banning Monitoring Station.

µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
ND = No data. There were insufficient (or no) data to determine the value.
ppm = parts per million
USEPA = United States Environmental Protection Agency

State of California Emissions

The State emitted approximately 381.3 MMT CO_2e emissions in 2021, 12.1 MMT CO_2e higher than 2020 levels and 49.7 MMT CO_2e below the 2020 GHG limit of 431 MMT CO_2e.[42] CARB estimates that transportation was the source of approximately 38 percent of the State's GHG emissions in 2021. The next largest sources included industrial sources at approximately 19 percent and electricity generation at 16 percent. The remaining sources of GHG emissions were commercial and residential activities at 10 percent, agriculture at 8 percent, high GWP at 6 percent, and waste at 2 percent.[43]

42 CARB. 2023. *California Greenhouse Gas Emissions for 2000 to 2021, Trends of Emissions and Other Indicators Report*. Website: https://ww2.arb.ca.gov/sites/default/files/2023-12/2000_2021_ghg_inventory_trends.pdf (accessed December 2024).

43 Ibid.

METHODOLOGY

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

CONSTRUCTION EMISSIONS

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

The California Emissions Estimator Model version 2022.1 (CalEEMod) computer program was used to calculate emissions from on-site construction equipment and emissions from worker and vehicle trips to the site. As discussed previously in the Project Description, construction is anticipated to begin in the third quarter of 2025 and would be completed in 14 months, which was included in CalEEMod. The proposed project would require the net import of 91,121 cy of soil, which was also included in CalEEMod. This analysis assumes that the proposed project would comply with SCAQMD Rule 403 measures. In addition, this analysis assumes the use of Tier 4 construction equipment, which was also included in CalEEMod. All other construction details are not yet known; therefore, default assumptions (e.g., construction worker and truck trips and fleet activities) from CalEEMod were used.

OPERATIONAL EMISSIONS

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

As discussed in the Project Description, the proposed project would include an 1,129,894 sq ft industrial warehouse facility and associated improvements. The proposed project analysis was conducted using land use codes *Unrefrigerated Warehouse- No Rail*, and *Parking Lot*. Trip generation rates used in CalEEMod for the project were based on the project's *Traffic Impact Analysis,* which identifies that the proposed project would generate approximately 2,428 average daily trips, including 2,058 passenger vehicle trips, 59 two-axle truck trips, 57 three-axle truck trips, 56 four+-axle truck trips, and 198 five+-axle truck trips.[44] This analysis assumes that the four+-axle and five+-axle truck trips would travel approximately 40 miles. To be conservative, separate CalEEMod analyses were prepared for the operational analysis. One CalEEMod run evaluated operational and vehicle trip emissions, and another CalEEMod run evaluated four+-axle and five+-axle truck trip emissions. In addition, the proposed project would include the use of one 350 hp fire pump and three 238 hp fire pumps, which are assumed to run for 50 hours per year and one hour

[44] EPD Solutions, Inc. 2024. *Hemet Industrial, Traffic Impact Analysis Report*. November 21.

per day. No natural gas usage is expected during operation of the proposed project. Therefore, this analysis incorporates selections to reflect no natural gas usage. In addition, the proposed project would include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, PV systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances. Where project-specific data were not available, default assumptions (e.g., water usage, and solid waste generation) from CalEEMod were used to estimate project emissions.

HEALTH RISK ASSESSMENT

For the purposes of a health risk assessment (HRA), emissions are analyzed for acute health impacts, chronic, and carcinogenic health impacts. A multi-pathway assessment has been conducted to evaluate the project's emissions during construction and operation following the modeling techniques recommended in the CalEPA's Office of Environmental Health Hazard Assessment (OEHHA) *Air Toxic Hot Spots Program Risk Assessment Guidelines*.[45] The analysis herein has been conducted in accordance with SCAQMD requirements for HRAs.

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

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

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

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

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

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

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

Emissions Sources

Construction Health Risk Assessment

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust (including DPM), a dispersion model was used to translate an emission rate from the source location to a concentration at the receptor location of interest (i.e., a nearby residence and worksites). The HRA analyses used PM_{1o} emissions to represent DPM emissions, consistent with Office of Environmental Health Hazard Assessment (OEHHA) guidance.[46] Dispersion modeling varies from a simpler, more conservative screening-level analysis to a more complex and refined detailed analysis. This refined assessment was conducted using the CARB exposure methodology with the air dispersion modeling performed using the USEPA dispersion model AERMOD. The model provides a detailed estimate of exhaust concentrations based on site and source geometry, source emissions strength, distance from the source to the receptor, and meteorological data.

Operational Health Risk Assessment

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

The first step of an HRA is to characterize the project-related emissions of TACs. The proposed project would generate approximately 2,428 average daily trips, including 2,058 passenger vehicle trips, 59 two-axle truck trips, 57 three-axle truck trips, 56 four+-axle truck trips, and 198 five+-axle truck trips. The trucks would access the site via four on-site driveways along West Acacia Avenue and the buildout of Cawtson Avenue. The proposed project would provide a total of 209 dock doors; as the project would contain multiple loading docks, off-site queuing of trucks is not anticipated. While the TAC emissions from gasoline-powered vehicles have a small health effect compared to diesel particulate matter (DPM), this HRA includes both gasoline- and diesel-powered vehicle emissions. For the diesel exhaust emissions, it is sufficient to only consider the DPM (PM_{10} and $PM_{2.5}$) portions of the exhaust; all the TACs for the gasoline exhaust emissions are contained in the

[46] CalEPA OEHHA. 2015. op cit.

ROG emissions. Using speciation data from CARB, the emission rates of the TAC components are derived from the total ROG emissions. These data are attached.

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

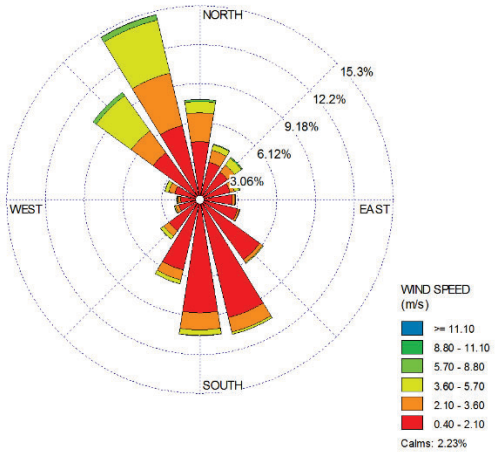
The idling emissions of trucks operating on the project site were modeled as point sources within the area sources representing the planned loading docks. EMFAC2021 was used to determine the emissions factors of idling and operating diesel trucks to determine the total emissions of DPM. While it is expected that the truck emissions rate will continue to reduce over time, an HRA only allows for a single emission rate to represent the entire 30-year exposure period. The use of emissions factors for the year 2026, was used as a conservative estimate of emissions, although, the project is not expected to be fully operational until 2027.

American Meteorological Society/Environmental Protection Agency Regulatory Model Dispersion Modeling

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

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

The model requires additional input parameters, including local meteorology. Due to the model's sensitivity to individual parameters (e.g., wind speed, temperature, and direction), the USEPA recommends meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. As such, 5 years of meteorological data from SCAQMD's Perris Monitoring Station (the nearest available station) was used to represent local weather conditions and prevailing winds. Figure 3 shows the graphical representation of the wind patterns.



Source: SCAQMD Meteorological Data for AERMOD.

Figure 3: Project Area Wind Patterns

Receptors were placed at the nearest sensitive receptor locations, as shown in Figure 4.

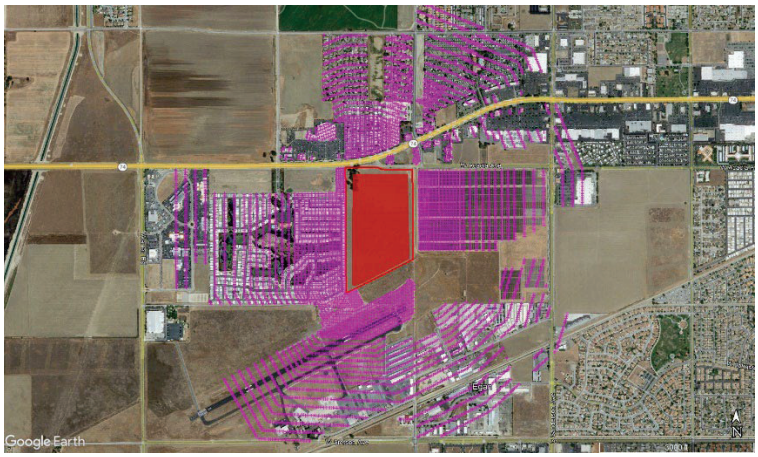


Figure 4: Sensitive Receptor Grid

Hotspots Analysis and Reporting Program Modeling

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

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

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were default rates as presented in the OEHHA guidance document entitled *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*[47] and guidance from SCAQMD.

ENERGY USE

The analysis of electricity/natural gas usage is based on the CalEEMod modeling conducted by LSA, which quantifies energy use for project operations. Fuel consumption (diesel fuel and gasoline) from vehicle trips during operation was estimated for the opening year (2026) of the proposed project based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB EMission FACtor Model (EMFAC2021) model. Estimates of fuel consumption (diesel fuel and gasoline) from construction trucks and construction worker vehicles were based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB EMFAC2021 model.

The analysis focuses on the three sources of energy that are relevant to the proposed project: electricity, the equipment fuel necessary for project construction, and vehicle fuel necessary for project operations. For the purposes of this analysis, the amount of electricity, construction fuel, and fuel use from operations are quantified and compared to that consumed in Riverside County. The electricity use of the proposed project is analyzed as a whole on an annual basis. Electricity use was estimated for the project using default energy intensities by land use type in CalEEMod.

GREENHOUSE GAS ANALYSIS

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

47 CalEPA OEHHA. 2015. op cit.

THRESHOLDS OF SIGNIFICANCE

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

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

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

- Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation; or
- Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

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

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

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

CRITERIA POLLUTANT THRESHOLDS

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

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

Table G: Regional Thresholds for Construction and Operational Emissions

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

Source: SCAQMD. Air Quality Significance Thresholds. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf (accessed December 2024).

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

HEALTH RISK THRESHOLDS

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

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

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

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

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

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

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

The SCAQMD's *CEQA Air Quality Handbook*[48] states that emissions of TACs are considered significant if an HRA shows an increased risk of greater than 10 in 1 million. Based on guidance from SCAQMD in the document *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis*[49], for the purposes of this analysis, the threshold of 10 in 1 million was used as the cancer risk threshold for the proposed project.

LOCALIZED IMPACTS ANALYSIS

The SCAQMD published its *Final Localized Significance Threshold Methodology* in July 2008, recommending that all air quality analyses include an assessment of air quality impacts to nearby sensitive receptors.[50] This guidance was used to analyze potential localized air quality impacts associated with construction of the proposed project. Localized significance thresholds (LST) are developed based on the size or total area of the emission source, the ambient air quality in the source receptor area, and the distance to the project. Sensitive receptors include residences, schools, hospitals, and similar uses that are sensitive to adverse air quality.

LSTs are based on the ambient concentrations of that pollutant within the project Source Receptor Area (SRA) and the distance to the nearest sensitive receptor. For the proposed project, the appropriate SRA for the LST is the nearby Hemet/San Jacinto Valley (SRA 28). SCAQMD provides LST screening tables for 25-, 50-, 100-, 200-, and 500-meter source-receptor distances. The closest sensitive receptors to the project site are residential uses such as the single-family homes located within 25 feet (8 meters) west of the project's site boundary. In cases where sensitive receptors may be closer than 82 feet (25 meters), any distances within the 82-foot (25-meter) buffer zone can be used. As such, the minimum distance of 82 feet was used for purposes of the LST assessment. Based on the anticipated construction equipment, it is assumed that the maximum daily disturbed acreage for the proposed project would be 5.0 acres.[51] Table H lists the emissions thresholds that apply during project construction and operation.

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

Emissions Source	Pollutant Emissions Threshold (lbs/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Construction	371.0	1,965.0	13.0	8.0
Operations	371.0	1,965.0	4.0	2.0

Source: South Coast Air Quality Management District (2008).
CO = carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size

48 SCAQMD. 1993. *CEQA Air Quality Handbook* (currently under revision).
49 SCAQMD. 2003. *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis*. August.
50 SCAQMD. 2008a. *Final Localized Significance Threshold Methodology*. July.
51 SCAQMD. n.d. *Fact Sheet for Applying CalEEMod to Localized Significance Thresholds*. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/caleemod-guidance.pdf (accessed December 2024).

LOCAL MICROSCALE CONCENTRATION STANDARDS

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

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

GREENHOUSE GAS THRESHOLD

To provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents, SCAQMD convened a GHG CEQA Significance Threshold Working Group (Working Group). Based on the last Working Group meeting held in September 2010 (Meeting No. 15), SCAQMD proposed to adopt a tiered approach for evaluating GHG emissions for development projects where SCAQMD is not the lead agency:

- **Tier 1. Exemptions:** If a project is exempt from CEQA, project-level and cumulative GHG emissions are less than significant.

- **Tier 2. Consistency with a locally adopted GHG Reduction Plan:** If the project complies with a GHG emissions reduction plan or mitigation program that avoids or substantially reduces GHG emissions in the project's geographic area (i.e., city or county), project-level and cumulative GHG emissions are less than significant.

- **Tier 3. Numerical Screening Threshold:** If GHG emissions are less than the numerical screening-level threshold, project-level and cumulative GHG emissions are less than significant.

  For projects that are not exempt or where no qualifying GHG reduction plans are directly applicable, SCAQMD requires an assessment of GHG emissions. The 10,000 MT of CO_2e per year (MT CO_2e/yr) threshold for industrial uses would be recommended for use by all lead agencies for the analysis of stationary/industrial projects. Under Option 1, separate screening thresholds are proposed for residential projects (3,500 MT CO_2e/yr), commercial projects (1,400 MT CO_2e/yr), and mixed-use projects (3,000 MT CO_2e/yr). Under Option 2, a single numerical screening-level threshold of 3,000 MT CO_2e/yr would be used for all non-industrial projects.

- **Tier 4. Performance Standards:** If emissions exceed the numerical screening threshold, a more detailed review of the project's GHG emissions is warranted. SCAQMD has proposed an efficiency target for projects that exceed the bright-line threshold. The current recommended approach is per capita efficiency targets. SCAQMD is not recommending use of a percent emissions reduction target. Instead, SCAQMD proposes a 2020 efficiency target of 4.8 MT CO_2e/yr per service population (for project-level analyses and 6.6 MT CO_2e/yr per service population for plan-level projects (e.g., program-level projects such as general plans). The GHG

efficiency metric divides annualized GHG emissions by the service population, which is the sum of residents and employees, per the following equation:

Rate of Emission: GHG Emissions (MT CO_2e/yr) ÷ Service Population

The efficiency evaluation consists of comparing the project's efficiency metric to efficiency targets. Efficiency targets represent the maximum quantity of emissions each resident and employee in the State of California could emit in various years based on emissions levels necessary to achieve the statewide GHG emissions reduction goals. A project that results in a lower rate of emissions would be more efficient than a project with a higher rate of emissions, based on the same service population. The metric considers GHG reduction measures integrated into a project's design and operation (or through mitigation). The per capita efficiency targets are based on the AB 32 GHG reduction target and 2020 GHG emissions inventory prepared for the CARB's 2008 Scoping Plan.

As described above, the City adopted the Subregional WRCOG CAP in September 2018. The consistency of the project with the goals of this CAP fulfills the CEQA goal of fully informing local-agency decision-makers of the environmental impact of the project under consideration at a stage early enough to ensure that GHG emissions are addressed. However, the CAP only analyzes emissions through the 2020 horizon year, and does not include an assessment of emissions inventory and reductions necessary to meet the State's long-term GHG emissions goals, including the 2045 carbon neutrality goal established in AB 1279. Therefore, this analysis evaluated the proposed project against the screening-level Tier 3 Numerical Screening Threshold of 3,000 MT CO_2e/yr. The project is also evaluated for compliance with the City of Hemet CAP, the 2022 Scoping Plan, and the 2024-2050 RTP/SCS.

IMPACTS ANALYSIS

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

AIR QUALITY IMPACTS

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

Consistency with Applicable Air Quality Plans

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

The AQMP is based on regional growth projections developed by SCAG. The proposed project would include 1,129,894 sq ft of warehouse uses. Under CEQA, a project has the potential to be regionally significant if it would house more than 1,000 persons, occupy more than 40 acres of land, or encompass more than 650,000 sq ft of floor area. Thus, the proposed project would be considered to be potentially regionally significant.

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

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

2. The *CEQA Air Quality Handbook* indicates that consistency with AQMP growth assumptions must be analyzed for new or amended General Plan elements, Specific Plans, and significant projects. Significant projects include airports, electrical generating facilities, petroleum and gas refineries, designation of oil drilling districts, water ports, solid waste disposal sites, and offshore drilling facilities; therefore, the proposed project is not defined as significant. However, the project Applicant proposes a zone change from the site's existing zoning of General Commercial (C-2) to Business Park (B-P) in the northern portion of the project site. The existing southern zoning of

Business Park would remain. The zone change to B-P would accommodate that portion of the project site to develop industrial warehouse uses. The zone change would also require a General Plan Amendment (GPA) to the City of Hemet GP *Land Use Plan* Map to change the existing land use designation in the northern portion of the project site from Community Commercial to Business Park. Additionally, the proposed project would include an amendment to the Roadway Circulation Master Plan for the vacation of Whittier Avenue along the south property line to Cawston Avenue.

With respect to determining the proposed project consistency with the air quality plan growth assumptions, the projections in the AQMP for achieving air quality goals are based on assumptions in SCAG's RTP/SCS regarding population, housing, and growth trends. According to SCAG's 2024-2050 RTP/SCS, the City's households and employment are forecast to increase by approximately 19,500 households and 23,500 jobs, respectively, between 2019 and 2050.[52] The proposed project would construct a 1,129,894 sq ft industrial warehouse facility. Based on the Riverside County General Plan[53], the average number of employees generated by light industrial uses is one per 1,030 sq ft. Building 1 is anticipated to employ up to 200 employees. Therefore, the remaining 423,670 sq ft of proposed space (buildings 2-4) would generate approximately 412 employees. Therefore, the proposed project would be able to accommodate a total of approximately 612 employees. The additional 612 employees would fall within the 23,500 projected jobs projected for the City. Therefore, it is assumed that it the project's labor demand would not substantially increase population, households, or employment in the City. As such, the project would be consistent with SCAG's goals for new job growth in the region.

In addition, since the proposed project would not include airports, electrical generating facilities, petroleum and gas refineries, designation of oil drilling districts, water ports, solid waste disposal sites, and offshore drilling facilities, the proposed project is not defined as a significant project as defined by the SCAQMD's *CEQA Air Quality Handbook*.

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

Criteria Pollutant Analysis

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

52 Southern California Association of Governments (SCAG). 2024. *Connect SoCal 2024–2050 Regional Transportation Plan/Sustainable Communities Strategy, Demographics and Growth Forecast Technical Report,* Table 13. Website: https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocal-plan_0.pdf?1606001176 (accessed December 2024).

53 Riverside County. n.d. General Plan – Final Program Environmental Impact Report Volume I, Table 3.G, Employment Factors. Website: https://planning.rctlma.org/general-plan-environmental-impact-report-volume-i#3.0 (accessed February 2025)

quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant.

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

Construction Emissions

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

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

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate CO, SO_2, NO_x, VOCs, and some soot particulate ($PM_{2.5}$ and PM_{10}) in exhaust emissions. If construction activities were to increase traffic congestion in the area, CO and other emissions from traffic would increase slightly while those vehicles idle in traffic. These emissions would be temporary in nature and limited to the immediate area surrounding the construction site.

Construction emissions were estimated for the project using CalEEMod. Table I lists the tentative project construction schedule based on a 14-month construction duration. Table J lists the potential construction equipment to be used during project construction under each phase of construction. Construction-related emissions are presented in Table K. CalEEMod output sheets are included in Appendix A.

Table I: Tentative Project Construction Schedule

Phase Number	Phase Name	Phase Start Date	Phase End Date	Number of Days/Week	Number of Days
1	Site Preparation	9/1/2025	10/10/2025	5	30

2	Grading	10/13/2025	11/28/2025	5	35
3	Building Construction	12/1/2025	10/2/2026	5	220
4	Paving	10/5/2026	10/30/2026	5	20
5	Architectural Coating	6/8/2026	11/6/2026	5	110

Source: Compiled by LSA assuming construction will start in the third quarter of 2025 and would occur for 14 months, ending in 2026. Architectural coating phase was extended to overlap with building construction (December 2024).

Table J: Diesel Construction Equipment Utilized by Construction Phase

Construction Phase	Off-Road Equipment Type	Off-Road Equipment Unit Amount	Hours Used per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	3	8	367	0.4
	Tractors/Loaders/Backhoes	4	8	84	0.37
Grading	Graders	1	8	148	0.41
	Excavators	2	8	36	0.38
	Tractors/Loaders/Backhoes	2	8	84	0.37
	Scrapers	2	8	423	0.48
	Rubber Tired Dozers	1	8	367	0.4
Building Construction	Forklifts	3	8	82	0.2
	Generator Sets	1	8	14	0.74
	Cranes	1	7	367	0.29
	Welders	1	8	46	0.45
	Tractors/Loaders/Backhoes	3	7	84	0.37
Paving	Pavers	2	8	81	0.42
	Paving Equipment	2	8	89	0.36
	Rollers	2	8	36	0.38
Architectural Coating	Air Compressors	1	6	37	0.48

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

Table K: Project Construction Emissions

Project Construction	Maximum Pollutant Emissions (lbs/day)					
	VOCs	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Proposed Project						
Proposed Project Maximum Daily Emissions[1]	**53.0**	**30.5**	**58.0**	**0.2**	**10.3**	**4.1**
SCAQMD Thresholds	75.0	100.0	550.0	150.0	150.0	55.0
Exceeds?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (December 2024).
Notes:
[1] Maximum emissions of VOCs and CO occurred during the overlapping building construction, architectural coating, and paving phases.
[2] The General Plan buildout emissions were calculated using CalEEMod as described in the Methodology section above.
CO = carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
SCAQMD = South Coast Air Quality Management District
SO_X = sulfur oxides
VOCs = volatile organic compounds

As shown in Table K, construction emissions associated with the proposed project would not exceed the SCAQMD thresholds for VOCs, NO_x, CO, sulfur oxides (SO_X), $PM_{2.5,}$ or PM_{10} emissions. The

proposed project would be required to comply with SCAQMD Rule 403: Fugitive Dust, which would further reduce construction-related emissions. Therefore, construction of the proposed project would not result in emissions that would result in a cumulatively considerable net increase of any criteria pollutant for which the project is in nonattainment under an applicable federal or State ambient air quality standard.

Operational Air Quality Impacts

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

PM_{10} emissions result from running exhaust, tire and brake wear, and the entrainment of dust into the atmosphere from vehicles traveling on paved roadways. Entrainment of PM_{10} occurs when vehicle tires pulverize small rocks and pavement and the vehicle wakes generate airborne dust. The contribution of tire and brake wear is small compared to the other PM emission processes. Gasoline-powered engines have small rates of particulate matter emissions compared with diesel-powered vehicles.

Energy source emissions result from activities in buildings for which electricity and natural gas are used. The quantity of emissions is the product of usage intensity (i.e., the amount of natural gas) and the emission factor of the fuel source. Major sources of energy demand for the proposed project could include building mechanical systems, such as heating and air conditioning. However, the proposed project would not include the use of natural gas.

Typically, area source emissions consist of direct sources of air emissions located at the project site, including architectural coatings and the use of landscape maintenance equipment. Stationary source emissions are associated with use of the fire pumps.

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

Table L: Project Operational Emissions

Emission Type	Pollutant Emissions (lbs/day)					
	VOCs	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Proposed Project						
Mobile Sources – Vehicle Trips and Light Duty Trucks	7.5	7.0	74.6	0.2	16.4	4.2
Mobile Sources – Heavy Heavy Duty Truck Trips	0.4	35.0	6.7	0.3	9.6	3.0
Area Sources	35.0	0.4	49.1	<0.1	0.1	0.1
Energy Sources	0.0	0.0	0.0	0.0	0.0	0.0
Stationary Sources	0.2	0.7	0.6	<0.1	<0.1	<0.1
Total Proposed Project Emissions	**43.1**	**43.1**	**131.0**	**0.5**	**26.1**	**7.3**
SCAQMD Thresholds	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Significant?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (December 2024).
CO = carbon monoxide
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
SCAQMD = South Coast Air Quality Management District
SO_X = sulfur oxides
VOCs = volatile organic compounds

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

Long-Term Microscale (CO Hot Spot) Analysis

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

An assessment of project-related impacts on localized ambient air quality requires that future ambient air quality levels be projected. Existing CO concentrations in the immediate project vicinity are not available. Ambient CO levels monitored at Hemet station, the closest station to the project site, showed a highest recorded 1-hour concentration of 2.1 ppm (the State standard is 20 ppm) and a highest 8-hour concentration of 1.7 ppm (the State standard is 9 ppm) during the past 3 years

(Table G). The highest CO concentrations would normally occur during peak traffic hours; hence, CO impacts calculated under peak traffic conditions represent a worst-case analysis.

As described in the project's *Traffic Impact Analysis*[54], the proposed project is expected to generate approximately 139 AM peak hour trips and 188 PM peak hour trips. With implementation of the intersection improvements recommended in the *Traffic Impact Analysis*, the proposed project would not result in unsatisfactory level of service at any of the studied intersections. Therefore, given the low level of CO concentrations in the project area, and lack of traffic impacts at any intersections, project-related vehicles are not expected to contribute significantly to result in the CO concentrations exceeding the State or federal CO standards.

Localized Significance Analysis

The SCAQMD recommends the evaluation of localized air quality impacts to sensitive receptors such as residential land uses in the immediate vicinity of a project site as a result of construction activities. The thresholds are based on standards established by the SCAQMD in its LST Methodology and are measured against emissions that occur on a specific project site. Project construction and operation emissions were compared to the LST screening tables in SRA 28, based on an 82-foot source-receptor distance and a disturbed acreage of 5.0 acres. The results of the LST analysis, summarized in Tables M and N.

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

Source	NO_X	CO	PM_{10}	$PM_{2.5}$
On-Site Project Emissions	4.4	35.3	7.8	4.0
Localized Significance Threshold	371.0	1,965.0	13.0	8.0
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source: Compiled by LSA (December 2024)
Note: Source Receptor Area 28, based on a 5.0-acre construction disturbance daily area, at a distance of 25 meters from the project boundary.
CO= carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
$PM_{2.5}$= particulate matter less than 2.5 microns in size
PM_{10}= particulate matter less than 10 microns in size

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

Source	NO_X	CO	PM_{10}	$PM_{2.5}$
On-Site Project Emissions	3.2	53.8	1.4	0.5
Localized Significance Threshold	371.0	1,965.0	4.0	2.0
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source: Compiled by LSA (December 2024)
Note: Source Receptor Area 28, based on a 5.0-acre construction disturbance daily area, at a distance of 25 meters from the project boundary.
CO= carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
$PM_{2.5}$= particulate matter less than 2.5 microns in size
PM_{10}= particulate matter less than 10 microns in size

54 EPD Solutions, Inc. 2024. *Hemet Industrial, Traffic Impact Analysis Report*. November 21.

As shown in Table M, localized construction emissions associated with the proposed project would be approximately the same as emissions associated with construction of General Plan buildout. In addition, as shown in Table M, localized construction emissions associated with the proposed project would not exceed the SCAQMD's LST thresholds.

By design, the localized impacts analysis only includes on-site sources; however, the CalEEMod outputs do not separate on-site and off-site emissions for mobile sources. For a worst-case scenario assessment, the emissions detailed in Table N assume all area and stationary source emissions would occur on site, all of the energy source emissions would occur off site at the utility power stations, and 5 percent of the project-related new mobile sources, which is an estimate of the amount of project-related on-site vehicle and truck travel, would occur on site. Considering the total trip length included in CalEEMod, the 5 percent assumption is conservative. Table N indicates the localized operational emissions would not exceed the LSTs at nearby residences. Therefore, the proposed operational activity would not result in a locally significant air quality impact.

As shown in Table N, localized operational CO, PM_{10}, and $PM_{2.5}$ emissions associated with the proposed project would be less than the emissions associated with operation of General Plan buildout and localized NO_x emissions would be approximately the same. The results of the LST analysis also indicate that the proposed project would not result in an exceedance of the SCAQMD LST during project construction or operation.

Health Risk on Nearby Sensitive Receptors

Sensitive receptors are defined as people that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include schools, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential dwelling units. The closest sensitive receptors to the project site are residential uses, including the mobile home park located approximately 25 feet west of the project's site boundary.

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

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

Construction Health Risk Assessment

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. Table O, below, identifies the results of the analysis assuming the use of Tier 4 Final construction equipment as proposed by the project. Model snapshots of the sources are shown in Appendix B.

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

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Worker Receptor Risk	0.10	0.004	0.000
Sensitive Receptor Risk	4.55	0.003	0.000
SCAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

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

As shown in Table O, the maximum cancer risk for the sensitive receptor MEI would be 4.55 in one million, which would not exceed the SCAQMD cancer risk threshold of 10 in one million. The worker receptor risk would be lower at 0.10 in one million, which would also not exceed the SCAQMD cancer risk thresholds. The total chronic hazard index would be 0.004 for the worker receptor MEI and 0.003 for the sensitive receptor MEI, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. Therefore, construction of the proposed project would not exceed SCAQMD thresholds and would not expose nearby sensitive receptors to substantial pollutant concentrations. No significant health risk would occur from project construction emissions.

Operational Health Risk Assessment

To determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project. The closest worker receptor is located north of the project site at approximately 65 feet from the project's site boundary to the building façade. The carcinogenic and chronic health risks from the proposed project are shown in Table P. The residential risk incorporates both the risk for a child living in a nearby residence for 9 years (the standard period of time for child risk) and an adult living in a nearby residence for 30 years (considered a conservative period of time for an individual to live in any one residence). The HRA model snapshots and outputs are included in Appendix B.

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

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Worker Receptor Risk	1.28	0.004	<0.001
Sensitive Receptor Risk	8.23	0.003	<0.001
SCAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

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

As shown in Table P, the maximum cancer risk for the sensitive receptor MEI would be 8.23 in one million, less than the threshold of 10 in one million. The worker receptor risk would be lower at 1.28 in one million. The total chronic hazard index would be 0.004 for the worker receptor MEI and 0.003

for the sensitive receptor MEI, which is below the threshold of 1.0. In addition, the total acute hazard index would be less than 0.001, which would also not exceed the threshold of 1.0. As these results show, all health risk levels to nearby residents from operation-related emissions of TACs would be well below the SCAQMD's HRA thresholds. No significant health risk would occur from project operation emissions.

Odors

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

ENERGY IMPACTS

The following describes the potential impacts regarding energy resources that could result from implementation of the proposed project.

Energy Consumption

The proposed project would increase the demand for energy through day-to-day operations and fuel consumption associated with project construction. This section discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

Construction Energy Use

Construction of the proposed project is anticipated to begin in the third quarter of 2025 and be completed in 14 months, ending in 2026. The project would require energy for activities such as the manufacture and transportation of building materials, grading activities, and building construction. Construction of the proposed project would require electricity to power construction-related equipment. Construction of the proposed project would not involve the consumption of natural gas. The construction-related equipment would not be powered by natural gas, and no natural gas demand is anticipated during construction.

Transportation energy represents the largest energy use during construction and would occur from the transport and use of construction equipment, delivery vehicles and haul trucks, and construction worker vehicles that would use petroleum fuels (e.g., diesel fuel and/or gasoline). Therefore, the analysis of energy use during construction focuses on fuel consumption. Construction trucks and vendor trucks hauling materials to and from the project site would be anticipated to use diesel fuel, whereas construction workers traveling to and from the project site would be anticipated to use gasoline-powered vehicles. Fuel consumption from transportation uses depends on the type and number of trips, VMT, the fuel efficiency of the vehicles, and the travel mode.

Estimates of fuel consumption (diesel fuel and gasoline) from construction equipment, construction trucks, and construction worker vehicles were based on default construction equipment

assumptions and trip estimates from CalEEMod and fuel efficiencies from EMFAC2021. Fuel consumption estimates are presented in Table Q. CalEEMod output sheets are included in Appendix A, and detailed energy calculations are included in Appendix C.

Table Q: Proposed Project Energy Consumption Estimates during Construction

Energy Type	Total Energy Consumption	Percentage of Increase Countywide
Diesel Fuel (total gallons)	228,668.9	0.1
Gasoline (total gallons)	163,722.9	0.02

Source: Compiled by LSA (December 2024).

As indicated in Table Q, the project would consume approximately 228,668.9 gallons of diesel fuel and approximately 163,722.9 gallons of gasoline during construction. Based on fuel consumption obtained from EMFAC2021, approximately 730.6 million gallons of gasoline and approximately 302.2 million gallons of diesel will be consumed from vehicle trips in Riverside County in 2025. Therefore, construction of the proposed project would increase the annual construction generated fuel use in Riverside County approximately by approximately 0.1 percent for diesel fuel usage and by approximately 0.02 percent for gasoline fuel usage. In addition, as shown in Table Q above, gasoline and diesel fuel usage associated with the proposed project would be less than gasoline and diesel fuel usage associated with the General Plan buildout. As such, project construction would have a negligible effect on local and regional energy supplies. Furthermore, impacts related to energy use during construction would be temporary and relatively small in comparison to Riverside County's overall use of the State's available energy resources. No unusual project characteristics would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in the region or the State. In addition, construction activities are not anticipated to result in an inefficient use of energy as gasoline and diesel fuel would be supplied by construction contractors who would conserve the use of their supplies to minimize their costs on the project. The project would not cause or result in the need for additional energy facilities or an additional or expanded delivery system. For these reasons, fuel consumption during construction would not be inefficient, wasteful, or unnecessary.

Operational Energy Use

Operational energy use is typically associated with electricity consumption and fuel used for vehicle trips associated with a project. Energy consumption was estimated for the proposed project using default energy intensities by land use type in CalEEMod. The operation-related equipment would not be powered by natural gas, and no natural gas demand is anticipated during operation of the proposed project. The proposed project would also result in diesel usage associated with the four fire pumps; however, the fire pumps are only expected to run approximately 50 hours per year. Therefore, use of the fire pumps is not expected to substantially increase diesel fuel usage and is not evaluated further.

The proposed project would also result in energy usage associated with gasoline and diesel fuel consumed by project-related vehicle and truck trips. Fuel use associated with vehicle and truck trips generated by the proposed project was calculated based on the project's *Traffic Impact Analysis*, which identifies that the proposed project would generate approximately 2,428 average daily trips,

including 2,058 passenger vehicle trips, 59 two-axle truck trips, 57 three-axle truck trips, 56 four+-axle truck trips, and 198 five+-axle truck trips.[55] The amount of operational fuel use was estimated using CARB's EMFAC2021 model, which provided projections for typical daily fuel usage in Riverside County.

Electricity and fuel usage estimates associated with the proposed project are shown in Table R.

Table R: Proposed Project Energy Consumption Estimates during Operation

Energy Type	Annual Energy Consumption
Electricity Consumption (kWh/year)	4,547,815.0
Gasoline (gallons/year)	300,082.0
Diesel Fuel (gallons/year)	607,954.6

Source: Compiled by LSA (December 2024).
kWh = kilowatt-hours

As shown in Table R, the estimated potential increase in electricity demand associated with the operation of the proposed project is 4,547,815.0 kilowatt-hours (kWh) per year. Total electricity consumption in Riverside County in 2022 was 17,780.6 gigawatt-hours (GWh) (17,780,573,271 kWh). Therefore, operation of the proposed project would increase the annual electricity consumption in Riverside County by approximately 0.03 percent.

Electrical demand associated with project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region. Furthermore, the proposed project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. The project would be required to adhere to all federal, State, and local requirements for energy efficiency, including the Title 24 standards. Title 24 building energy efficiency standards establish minimum efficiency standards related to various building features, including appliances, water and space heating and cooling equipment, building insulation and roofing, and lighting, which would reduce energy usage. In addition, the proposed project would include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, PV systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances.

As shown in Table R, fuel use associated with the vehicle trips generated by the proposed project is estimated at 300,082.0 gallons of gasoline and 607,954.6 gallons of diesel fuel per year. This analysis conservatively assumes that all vehicle trips generated as a result of project operation would be new to Riverside County. Based on fuel consumption obtained from EMFAC2021, approximately 716.3 million gallons of gasoline and approximately 303.0 million gallons of diesel will be consumed from vehicle trips in Riverside County in 2026. Therefore, vehicle and truck trips associated with the proposed project would increase the annual fuel use in Riverside County by approximately 0.04 percent for gasoline fuel usage and approximately 0.2 percent for diesel fuel usage. The proposed project would result in fuel usage that is a small fraction of current annual fuel use in Riverside County, fuel consumption associated with vehicle trips generated by project operations would not

[55] EPD Solutions, Inc. 2024. *Hemet Industrial, Traffic Impact Analysis Report*. November 21.

be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region. Therefore, fuel consumption would not be inefficient, wasteful, or unnecessary.

Conflict with Renewable Energy or Energy Efficiency Plans

In 2002, the Legislature passed SB 1389, which required the CEC to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the Integrated Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for ZEVs and their infrastructure needs, and encouragement of urban designs that reduce VMT and accommodate pedestrian and bicycle access.

The CEC's *2023 Integrated Energy Policy Report*[56] provide the results of the CEC's assessments of a variety of energy issues facing California. As indicated above, energy usage on the project site during construction would be temporary in nature and would be relatively small in comparison to the overall use in the County. In addition, energy usage associated with operation of the proposed project would be relatively small in comparison to the overall use in Riverside County, and the State's available energy resources. Therefore, energy impacts at the regional level would be negligible. Because California's energy conservation planning actions are conducted at a regional level, and because the proposed project's total impact on regional energy supplies would be minor, the proposed project would not conflict with or obstruct California's energy conservation plans as described in the CEC's Integrated Energy Policy Report. Additionally, as demonstrated above, the proposed project would not result in the inefficient, wasteful, and unnecessary consumption of energy.

Additionally, the proposed project would include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, photovoltaic (PV) systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances. The proposed project would also include drought tolerant plants. Therefore, the proposed project would not conflict with any of the goals and policies outlines in the MEAP. As such, potential impacts related to conflict with or obstruction of a State or local plan for renewable energy or energy efficiency would be less than significant, and no mitigation is required.

GREENHOUSE GAS IMPACTS

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

Generation of Greenhouse Gas Emissions

This section describes the proposed project's construction- and operational-related GHG emissions and contribution to global climate change. The SCAQMD has not addressed emission thresholds for

[56] CEC. 2023. *2023 Integrated Energy Policy Report*. California Energy Commission. Docket Number: 23-IEPR-01.

construction in its *CEQA Air Quality Handbook*; however, the SCAQMD requires quantification and disclosure. Thus, an evaluation of the project's impacts related to the release of GHG emissions for both construction and operational phases of the project is described below.

Short-Term Greenhouse Gas Emissions

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

As indicated above, the SCAQMD does not have an adopted threshold of significance for construction-related GHG emissions. However, lead agencies are required to quantify and disclose GHG emissions that would occur during construction. The SCAQMD then requires the construction GHG emissions to be amortized over the life of the project, defined by the SCAQMD as 30 years[57], added to the operational emissions, and compared to the applicable interim GHG significance threshold tier.

Using CalEEMod, it is estimated that the project would generate approximately 2,074.4 MT CO_2e during construction of the project. When annualized over the 30-year life of the project, annual emissions would be 69.1 MT CO_2e.

Long-Term Greenhouse Gas Emissions

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

Following guidance from the SCAQMD, GHG emissions were estimated for the operational year of 2026 using CalEEMod. Table S shows the calculated GHG emissions for the proposed project.

[57] The SCAQMD has identified the average operational lifespan of buildings to be 30 years. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgattachmente.pdf (accessed December 2024).

Table S: Unmitigated Greenhouse Gas Emissions (MT/yr)

Emissions Source	Operational Emissions (MT/yr)				
	CO_2	CH_4	N_2O	CO_2e	Percentage of Total
Mobile Sources – Vehicle and Light Duty Trucks	2,835.5	0.1	0.1	2,879.4	26
Mobile Sources – Heavy Heavy Duty Trucks	5,509.9	0.1	0.9	5,777.6	53
Area Sources	22.9	<0.1	<0.1	23.0	<1
Energy Sources	1,097.4	0.1	<0.1	1,101.6	10
Water Sources	532.2	8.5	0.2	806.6	7
Waste Sources	94.8	9.5	0.0	331.7	3
Stationary Sources	20.3	<0.1	<0.1	20.3	<1
Total Project Operational Emissions				**10,608.5**	**100**
Amortized Construction Emissions				69.1	-
Total Annual Emissions				**10,677.6**	**-**
SCAQMD Threshold				3,000	-
Exceed?				**Yes**	**-**

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

As discussed above, a project would have less than significant GHG emissions if it would result in operational-related GHG emissions of less than 3,000 MT CO_2e/yr. Based on the analysis results, the proposed project would result in approximately 10,677.6 MT CO_2e/yr, which would exceed the 3,000 MT CO_2e/yr threshold. Therefore, operation of the proposed project has the potential to generate significant GHG emissions that would have a significant effect on the environment. As such, Mitigation Measure GHG-1 would be required to reduce GHG emissions:

Mitigation Measure GHG-1 Prior to issuance of a building permit, the Project Applicant shall identify project design details and specifications to document implementation and compliance with the following emission reduction measures to the satisfaction of the City of Hemet. Implementation of the following measures shall be confirmed prior to building permits and are considered to be applicable, feasible, and effective in reducing greenhouse gas emissions generated by the project:

- Use the cleanest technologies available and provide the necessary infrastructure to support zero-emission vehicles and equipment that will be operating on site.
- All loading/unloading docks and trailer spaces shall be equipped with electrical hookups for trucks with transport refrigeration units (TRUs) or auxiliary power units. This requirement will substantially decrease the amount of time that a TRU powered by a fossil-fueled internal combustion engine can operate at the project site. Use of zero-emission all-electric plug-in TRUs,

hydrogen fuel cell transport refrigeration, and cryogenic transport refrigeration shall be encouraged for operational fleets.[58]

- All TRUs entering the project site be shall plug-in capable.
- Operational fleets shall exclusively use zero-emission light and medium-duty delivery trucks and vans when feasible.
- All heavy-duty trucks entering or on the project site shall be model year 2014 or later, expedite a transition to zero-emission vehicles, and be fully zero-emission beginning in 2030 if feasible.
- The Project Applicant shall be in, and monitor compliance with, all current air quality regulations for on-road trucks including the California Air Resource Board's (CARB) Heavy-Duty (Tractor-Trailer) Greenhouse Gas Regulation,[59] Periodic Smoke Inspection Program (PSIP),[60] and the Statewide Truck and Bus Regulation.[61]
- Establish and promote a rideshare program that discourages single-occupancy vehicle trips and provides financial incentives for alternate modes of transportation, including carpooling, public transit, and biking.
- Design project to meet Leadership in Energy and Environmental Design (LEED) green building certification standards.

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58 CARB's technology assessment for transport refrigerators provides information on the current and projected development of TRUs, including current and anticipated costs. The assessment is available at: https://www.arb.ca.gov/msprog/tech/techreport/tru_07292015.pdf (accessed December 2024).

59 In December 2008, CARB adopted a regulation to reduce greenhouse gas emissions by improving the fuel efficiency of heavy-duty tractors that pull 53-foot or longer box-type trailers. The regulation applies primarily to owners of 53-foot or longer box-type trailers, including both dry-van and refrigerated-van trailers, and owners of the heavy-duty tractors that pull them on California highways. CARB's Heavy-Duty (Tractor-Trailer) Greenhouse Gas Regulation is available at: https://ww2.arb.ca.gov/our-work/programs/ttghg/about (accessed December 2024).

60 The PSIP program requires that diesel and bus fleet owners conduct annual smoke opacity inspections of their vehicles and repair those with excessive smoke emissions to ensure compliance. CARB's PSIP program is available at: https://www.arb.ca.gov/enf/hdvip/hdvip.htm (accessed December 2024).

61 The regulation requires that newer heavier trucks and buses must meet particulate matter filter requirements beginning January 1, 2012. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010 model-year engines or equivalent. CARB's Statewide Truck and Bus Regulation is available at: https://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm (accessed December 2024).

- On-site truck idling shall not exceed more than 3 minutes and operators would be required to turn off engines when not in use.
- Install both interior and exterior facing signs, including signs directed at all dock and delivery areas, identifying idling restrictions and contact information to report violations to CARB, the South Coast Air Quality Management District (SCAQMD), and building manager.
- Install zero-emission truck charging/fueling stations proportional to the number of dock doors at the project.
- Require facility operators to train managers and employees on efficient scheduling and load management to eliminate unnecessary queuing and idling of trucks.
- Exceed Title 24 standards by 15 percent.
- Install solar panels that supply 100 percent of the power need.
- Install low-flow water fixtures.
- Require the use of zero-emission landscape equipment.

As described in the project description, the proposed project would include EV infrastructure, efficient irrigation systems, and drought tolerant landscape. The proposed project would also include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, PV systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances. Mitigation Measure GHG-1 would require incorporation of additional measures to reduce energy-source emissions, such as exceeding Title 24 standards, Leadership in Energy and Environmental Design (LEED) certification, and installing solar panels that would supply 100 percent the power needed. In addition, Mitigation Measure GHG-1 would also require the proposed project to provide low-flow water fixtures and zero-emission landscape equipment. Mitigation Measure GHG 1 would also require the proposed project to implement and promote a rideshare program and to install both exterior and interior signs to direct trucks to all docks and loading areas.

In addition, Mitigation Measure GHG-1 requires that the project incorporate sustainable transportation technologies and practices appropriate for the proposed use. As the project includes a considerable number of heavy-duty truck trips over long distances, Mitigation Measures GHG-1 requires multiple measures to reduce emissions associated with heavy-duty trucks and associated transport refrigeration units (TRUs). These include installing electrical hookup equipment for TRUs at all loading docks, requiring the use of newer (model year 2014 or newer) heavy duty trucks to accelerate transition to more efficient vehicles, installing zero-emission truck charging/fueling stations, and practices limiting truck idling and TRU run-time. Mitigation Measure GHG-1 also incorporates all feasible mitigation measures from the *Attorney's General Warehouse Projects: Best*

Practices and Mitigation Measures to Comply with CEQA[62] document. Table T identifies the results of the analysis with implementation of Mitigation Measure GHG-1.

Table T: Mitigated Greenhouse Gas Emissions (MT/yr)

Emissions Source	Operational Emissions (MT/yr)				
	CO_2	CH_4	N_2O	CO_2e	Percentage of Total
Mobile Sources – Vehicle and Light Duty Trucks	2,835.5	0.1	0.1	2,879.4	29
Mobile Sources – Heavy Heavy Duty Trucks	5,509.9	0.1	0.9	5,777.6	58
Area Sources	0.0	0.0	0.0	0.0	0
Energy Sources	261.5	<0.1	<0.1	262.4	3
Water Sources	480.2	7.7	0.2	717.5	7
Waste Sources	94.8	9.6	0.0	331.7	3
Stationary Sources	20.3	<0.1	<0.1	20.3	<1
Total Project Operational Emissions				**9,988.9**	**100**
Amortized Construction Emissions				69.1	-
Total Annual Emissions				**10,058.0**	**-**
SCAQMD Threshold				3,000	-
Exceed?				**Yes**	**-**
Per Service Population Emissions				**10.6**	
SCAQMD Efficiency Target Threshold				4.8	
Exceed?				**Yes**	

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

As shown in Table T, the proposed project would result in a per-service population of 10.6 MT CO_2e/yr, which would be above the SCAQMD service population significance threshold of 4.8 MT CO_2e/yr per service population. As shown in Table T, the majority of the GHG emissions (approximately 87 percent) are associated with non-construction-related mobile sources. Emissions of motor vehicles are controlled by State and federal standards, and the project has no control over these standards. Since the project per service population emissions would not be below the SCAQMD service population significance threshold, the proposed project would be considered to have a significant impact for GHG emissions. Therefore, even with implementation of Mitigation Measure GHG-1, operation of the project would result in a significant and unavoidable impact for GHG emissions.

62 State of California Department of Justice. 2022. *Attorney General - Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act.* September. Website: https://oag.ca.gov/system/files/media/warehouse-best-practices.pdf (accessed December 2024)

Consistency with Greenhouse Gas Emissions Reduction Plans

An evaluation of the proposed project's consistency with the City's CAP, the 2022 Scoping Plan, and the 2024–2050 RTP/SCS is provided below.

City of Hemet Climate Action Implementation Plan

As described above, the City adopted the Subregional WRCOG CAP in September 2018. The consistency of the project with the goals of this CAP fulfills the CEQA goal of fully informing local-agency decision-makers of the environmental impact of the project under consideration at a stage early enough to ensure that GHG emissions are addressed. Although the CAP does not include a target for 2030, the measures in the plan will continue to provide reductions after the milestone year and help demonstrate continued progress toward achieving the SB 32 2030 target. The following CAP measures would be applicable to the proposed project.

- R2-E2 New Commercial Energy Efficiency: Increase energy efficiency in new commercial developments an average of 10 percent beyond Title 24 Standards.
- R2-E4 Commercial Renewable Energy: Derive 10 percent of the electricity use in new commercial developments from renewable energy and install an average of 5Kw of solar photovoltaic cells per 10,000 square feet of building space.
- R2-W2 Water Conservation Strategies: Reduce water consumption in new developments by 20 percent through low flush toilets, landscape ordinance, incentive programs, on-site stormwater capture, and other similar programs.
- T-2 Bicycle Parking: Provide additional options for bicycle parking.
- T-3 End of Trip Facilities: Encourage the use of non-motorized transportation modes by providing appropriate facilities and amenities for commuters.
- T-12 Limit Parking Requirements for New Development: Reduce requirements for vehicle parking in new development projects.

The proposed project would include EV parking spaces and bicycle parking spaces; therefore, the proposed project would be consistent with the transportation measures from the CAP to reduce vehicle miles traveled. The proposed project would also be consistent with the CAP goal of increasing water and energy efficiency in new buildings by complying with the latest California Building Code (Title 24), including the latest CALGreen Code standards. In addition, the proposed project would include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, PV systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances. In addition, the proposed project would comply with local and state laws regarding solar energy. The proposed project would also include efficient irrigation systems and drought tolerant landscaping. Construction of the project would include a diversion of construction waste from landfills to recycling consistent with current local and State standards and CAP goals to

increase diversion and reduction of waste. As such, the proposed project would be consistent with applicable CAP measures.

Therefore, the proposed project would be consistent with applicable plans and programs designed to reduce GHG emissions. Therefore, the proposed project would not conflict with plans, policies, or regulations adopted for the purpose of reducing GHG emissions.

2022 Scoping Plan

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

EO B-30-15 added the immediate target of reducing GHG emissions to 40 percent below 1990 levels by 2030. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[63] to reflect the 2030 target set by EO B-30-15 and codified by SB 32. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in EO B-30-15. SB 32 builds on AB 32 and keeps us on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels. The companion bill to SB 32, AB 197, provides additional direction to the CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 intended to provide easier public access to air emissions data that are collected by CARB was posted in December 2016. AB 1279 establishes State policy to achieve net zero GHG emissions no later than 2045 and for Statewide anthropogenic GHG emissions to be reduced to at least 85 percent below 1990 levels by 2045.

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

The 2022 Scoping Plan focuses on building clean energy production and distribution infrastructure for a carbon-neutral future, including transitioning existing energy production and transmission infrastructure to produce zero-carbon electricity and hydrogen, and utilizing biogas resulting from wildfire management or landfill and dairy operations, among other substitutes. The 2022 Scoping Plan states that in almost all sectors, electrification will play an important role. The 2022 Scoping Plan evaluates clean energy and technology options and the transition away from fossil fuels, including adding four times the solar and wind capacity by 2045 and about 1,700 times the amount of current hydrogen supply. As discussed in the 2022 Scoping Plan, EO N-79-20 requires that all new passenger vehicles sold in California will be zero-emission by 2035, and all other fleets will have transitioned to zero-emission as fully possible by 2045, which will reduce the percentage of fossil fuel combustion vehicles.

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

Energy efficient measures are intended to maximize energy efficiency building and appliance standards, pursue additional efficiency efforts including new technologies and new policy and implementation mechanisms, and pursue comparable investment in energy efficiency from all retail providers of electricity in California. In addition, these measures are designed to expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings. The proposed project would comply with the CALGreen Code, regarding energy conservation and green building standards. As mentioned above, the proposed project would not be powered by natural gas, and no natural gas demand is anticipated during construction or operation of the proposed project. The elimination of natural gas in new development would help projects implement their "fair share" of achieving long-term 2045 carbon neutrality consistent with State goals. As such, if a project does not utilize natural gas, a lead agency can conclude that it would be consistent with achieving the 2045 neutrality goal and will not have a cumulative considerable impact on climate change.[64] In addition, the proposed project would include energy efficiency features such as the installation of enhanced insulation; solar ready structure design; electrical system design to accommodate for future renewable energy, PV systems, and battery storage; and installation of energy efficient lighting, heating, and ventilation systems, and appliances. Therefore, the proposed project would comply with applicable energy measures.

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

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

2024-2050 Regional Transportation Plan/Sustainable Communities Strategy

SCAG's RTP/SCS identifies that land use strategies that focus on new housing and job growth in areas served by high quality transit and other opportunity areas would be consistent with a land use development pattern that supports and complements the proposed transportation network. The core vision in the 2024–2050 RTP/SCS is to better manage the existing transportation system

[64] Bay Area Air Quality Management District (BAAQMD). 2022. *Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts From Land Use Projects and Plans.* April. Website: Microsoft Word - FINAL CEQA Thresholds Report for Climate Impacts 03_30_22 revisions with tracked changes (baaqmd.gov) (accessed December 2024).

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

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

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

Although the proposed project would be consistent with the identified measures and goals from the CAP, 2022 Scoping Plan, and 2024–2050 RTP/SCS, the proposed project would result in a significant and unavoidable impact for GHG emissions based on SCAQMD thresholds. As such, the proposed project would not comply with existing State regulations adopted to achieve the overall GHG emissions reduction goals identified in the 2022 Scoping Plan, EO B-30-15, and AB 197 and would not be consistent with applicable State plans and programs designed to reduce GHG emissions. Therefore, the proposed project would conflict with applicable plans, policies, and regulations adopted for the purpose of reducing the emissions of GHGs.

CONCLUSIONS

Based on the analysis presented above, construction and operation of the proposed project would not result in the generation of criteria air pollutants that would exceed SCAQMD thresholds of significance. Compliance with SCAQMD Rule 403 would further reduce construction dust impacts. In addition, the proposed project is not expected to produce significant emissions that would affect nearby sensitive receptors. The project would also not result in other emissions (such as those leading to odors) affecting a substantial number of people. In addition, the proposed project would not result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation and would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Operation of the proposed project would result in a significant and unavoidable impact for GHG emissions, even with implementation of Mitigation Measure GHG-1, and would therefore not be consistent with the City's CAP, the 2024–2050 RTP/SCS, or the goals of the 2022 Scoping Plan.

APPENDIX A

CALEEMOD OUTPUT SHEETS

Hemet 63 Industrial Project - Vehicles and Light Duty Trucks Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

3.2. Site Preparation (2025) - Mitigated

3.3. Grading (2025) - Unmitigated

3.4. Grading (2025) - Mitigated

3.5. Building Construction (2025) - Unmitigated

3.6. Building Construction (2025) - Mitigated

3.7. Building Construction (2026) - Unmitigated

3.8. Building Construction (2026) - Mitigated

3.9. Paving (2026) - Unmitigated

3.10. Paving (2026) - Mitigated

3.11. Architectural Coating (2026) - Unmitigated

3.12. Architectural Coating (2026) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hemet 63 Industrial Project - Vehicles and Light Duty Trucks
Construction Start Date	9/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	8.60
Location	33.742377783921825, -117.0175802695606
County	Riverside-South Coast
City	Hemet
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5562
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	1,130	1000sqft	26.0	1,129,894	530,184	—	—	—

Parking Lot	1,351	Space	30.1	0.00	0.00	—	—	—
City Park	4.77	Acre	4.77	0.00	207,837	207,837	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-2	Require Energy Efficient Appliances
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-4	Require Low-Flow Water Fixtures
Water	W-5	Design Water-Efficient Landscapes
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	51.2	10.9	58.0	0.07	0.13	9.03	9.16	0.13	3.99	4.09	—	15,959	15,959	0.56	1.15	16,358
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	53.0	30.5	48.2	0.21	0.55	9.79	10.3	0.55	3.99	4.09	—	29,298	29,298	0.70	3.59	30,388
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	16.1	6.11	25.8	0.04	0.07	4.55	4.62	0.07	1.10	1.17	—	8,072	8,072	0.18	0.62	8,269
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.94	1.12	4.71	0.01	0.01	0.83	0.84	0.01	0.20	0.21	—	1,336	1,336	0.03	0.10	1,369

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.58	2.67	29.7	0.05	0.10	7.89	7.99	0.10	3.99	4.09	—	5,542	5,542	0.23	0.05	5,564
2026	51.2	10.9	58.0	0.07	0.13	9.03	9.16	0.13	2.18	2.31	—	15,959	15,959	0.56	1.15	16,358
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.34	30.5	44.0	0.21	0.55	9.79	10.3	0.55	3.99	4.09	—	29,298	29,298	0.70	3.59	30,388
2026	53.0	11.4	48.2	0.07	0.13	9.03	9.16	0.13	2.18	2.31	—	15,331	15,331	0.34	1.16	15,688
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.29	3.84	9.27	0.03	0.07	2.06	2.12	0.07	0.74	0.81	—	4,130	4,130	0.12	0.42	4,260
2026	16.1	6.11	25.8	0.04	0.07	4.55	4.62	0.07	1.10	1.17	—	8,072	8,072	0.18	0.62	8,269
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.05	0.70	1.69	0.01	0.01	0.38	0.39	0.01	0.14	0.15	—	684	684	0.02	0.07	705
2026	2.94	1.12	4.71	0.01	0.01	0.83	0.84	0.01	0.20	0.21	—	1,336	1,336	0.03	0.10	1,369

2.3. Construction Emissions by Year, Mitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.58	2.67	29.7	0.05	0.10	7.89	7.99	0.10	3.99	4.09	—	5,542	5,542	0.23	0.05	5,564
2026	51.2	10.9	58.0	0.07	0.13	9.03	9.16	0.13	2.18	2.31	—	15,959	15,959	0.56	1.15	16,358
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.34	30.5	44.0	0.21	0.55	9.79	10.3	0.55	3.99	4.09	—	29,298	29,298	0.70	3.59	30,388
2026	53.0	11.4	48.2	0.07	0.13	9.03	9.16	0.13	2.18	2.31	—	15,331	15,331	0.34	1.16	15,688
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.29	3.84	9.27	0.03	0.07	2.06	2.12	0.07	0.74	0.81	—	4,130	4,130	0.12	0.42	4,260
2026	16.1	6.11	25.8	0.04	0.07	4.55	4.62	0.07	1.10	1.17	—	8,072	8,072	0.18	0.62	8,269
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.05	0.70	1.69	0.01	0.01	0.38	0.39	0.01	0.14	0.15	—	684	684	0.02	0.07	705
2026	2.94	1.12	4.71	0.01	0.01	0.83	0.84	0.01	0.20	0.21	—	1,336	1,336	0.03	0.10	1,369

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.7	7.56	124	0.18	0.23	16.2	16.5	0.20	4.12	4.32	1,073	27,804	28,877	110	2.00	32,283
Mit.	34.6	7.14	75.2	0.18	0.14	16.2	16.4	0.14	4.12	4.26	1,024	22,241	23,265	104	1.83	26,488
% Reduced	19%	5%	40%	2%	38%	—	1%	33%	—	2%	5%	20%	19%	5%	8%	18%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.3	7.65	63.1	0.17	0.14	16.2	16.4	0.14	4.12	4.26	1,073	26,423	27,497	110	2.02	30,846

Mit.	34.3	7.65	63.1	0.17	0.14	16.2	16.4	0.14	4.12	4.26	1,024	21,017	22,041	104	1.86	25,207
% Reduced	—	—	—	—	—	—	—	—	—	—	5%	20%	20%	5%	8%	18%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	39.7	8.07	99.1	0.17	0.20	16.2	16.4	0.18	4.10	4.28	1,073	26,730	27,803	110	2.03	31,182
Mit.	34.2	7.79	65.4	0.17	0.14	16.2	16.3	0.14	4.10	4.23	1,024	21,217	22,241	104	1.87	25,436
% Reduced	14%	4%	34%	1%	30%	—	< 0.5%	25%	—	1%	5%	21%	20%	5%	8%	18%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.25	1.47	18.1	0.03	0.04	2.95	2.99	0.03	0.75	0.78	178	4,425	4,603	18.2	0.34	5,163
Mit.	6.25	1.42	11.9	0.03	0.03	2.95	2.98	0.02	0.75	0.77	170	3,513	3,682	17.3	0.31	4,211
% Reduced	14%	4%	34%	1%	30%	—	< 0.5%	25%	—	1%	5%	21%	20%	5%	8%	18%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.46	6.46	74.6	0.18	0.11	16.2	16.4	0.10	4.12	4.22	—	18,134	18,134	0.61	0.70	18,425
Area	35.0	0.41	49.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	202	202	0.01	< 0.005	203
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6,628	6,628	0.41	0.05	6,654
Water	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125

Total	42.7	7.56	124	0.18	0.23	16.2	16.5	0.20	4.12	4.32	1,073	27,804	28,877	110	2.00	32,283
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.11	6.96	62.5	0.17	0.11	16.2	16.4	0.10	4.12	4.22	—	16,956	16,956	0.64	0.73	17,191
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6,628	6,628	0.41	0.05	6,654
Water	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	34.3	7.65	63.1	0.17	0.14	16.2	16.4	0.14	4.12	4.26	1,073	26,423	27,497	110	2.02	30,846
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.05	7.12	64.8	0.17	0.11	16.2	16.3	0.10	4.10	4.20	—	17,127	17,127	0.64	0.74	17,392
Area	32.5	0.28	33.7	< 0.005	0.06	—	0.06	0.05	—	0.05	—	138	138	0.01	< 0.005	139
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6,628	6,628	0.41	0.05	6,654
Water	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.67	0.61	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	122	122	< 0.005	< 0.005	123
Total	39.7	8.07	99.1	0.17	0.20	16.2	16.4	0.18	4.10	4.28	1,073	26,730	27,803	110	2.03	31,182
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.29	1.30	11.8	0.03	0.02	2.95	2.97	0.02	0.75	0.77	—	2,836	2,836	0.11	0.12	2,879
Area	5.92	0.05	6.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	23.0
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,097	1,097	0.07	0.01	1,102
Water	—	—	—	—	—	—	—	—	—	—	82.9	449	532	8.53	0.21	807
Waste	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	7.25	1.47	18.1	0.03	0.04	2.95	2.99	0.03	0.75	0.78	178	4,425	4,603	18.2	0.34	5,163

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.46	6.46	74.6	0.18	0.11	16.2	16.4	0.10	4.12	4.22	—	18,134	18,134	0.61	0.70	18,425
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,594	1,594	0.10	0.01	1,600
Water	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	34.6	7.14	75.2	0.18	0.14	16.2	16.4	0.14	4.12	4.26	1,024	22,241	23,265	104	1.83	26,488
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.11	6.96	62.5	0.17	0.11	16.2	16.4	0.10	4.12	4.22	—	16,956	16,956	0.64	0.73	17,191
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,548	1,548	0.10	0.01	1,553
Water	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125

Total	34.3	7.65	63.1	0.17	0.14	16.2	16.4	0.14	4.12	4.26	1,024	21,017	22,041	104	1.86	25,207
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.05	7.12	64.8	0.17	0.11	16.2	16.3	0.10	4.10	4.20	—	17,127	17,127	0.64	0.74	17,392
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,579	1,579	0.10	0.01	1,585
Water	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.67	0.61	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	122	122	< 0.005	< 0.005	123
Total	34.2	7.79	65.4	0.17	0.14	16.2	16.3	0.14	4.10	4.23	1,024	21,217	22,241	104	1.87	25,436
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.29	1.30	11.8	0.03	0.02	2.95	2.97	0.02	0.75	0.77	—	2,836	2,836	0.11	0.12	2,879
Area	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	261	261	0.02	< 0.005	262
Water	—	—	—	—	—	—	—	—	—	—	74.7	395	470	7.69	0.19	717
Waste	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	6.25	1.42	11.9	0.03	0.03	2.95	2.98	0.02	0.75	0.77	170	3,513	3,682	17.3	0.31	4,211

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,295	5,295	0.21	0.04	5,314
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,295	5,295	0.21	0.04	5,314
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	437
Dust From Material Movement	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.04	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	72.3

Dust From Material Movement	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	1.35	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	247	247	0.01	0.01	250
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	1.02	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	227	227	0.01	0.01	230
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	19.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.12	3.12	< 0.005	< 0.005	3.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,295	5,295	0.21	0.04	5,314
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,295	5,295	0.21	0.04	5,314
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	437
Dust From Material Movement	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.04	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	72.3
Dust From Material Movement	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	1.35	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	247	247	0.01	0.01	250
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	1.02	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	227	227	0.01	0.01	230
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	19.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.12	3.12	< 0.005	< 0.005	3.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	6,622
Dust From Material Movement	—	—	—	—	—	3.64	3.64	—	1.43	1.43	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.42	3.39	0.01	0.01	—	0.01	0.01	—	0.01	—	633	633	0.03	0.01	635
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.14	0.14	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	105	105	< 0.005	< 0.005	105
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.10	1.17	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.01	0.01	262
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.34	26.0	6.18	0.15	0.43	5.89	6.32	0.43	1.65	2.08	—	22,440	22,440	0.42	3.53	23,504
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	25.2	25.2	< 0.005	< 0.005	25.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	2.52	0.59	0.01	0.04	0.56	0.60	0.04	0.16	0.20	—	2,151	2,151	0.04	0.34	2,255
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.17	4.17	< 0.005	< 0.005	4.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.46	0.11	< 0.005	0.01	0.10	0.11	0.01	0.03	0.04	—	356	356	0.01	0.06	373

3.4. Grading (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	6,622

Dust From Material Movement	—	—	—	—	—	3.64	3.64	—	1.43	1.43	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.42	3.39	0.01	0.01	—	0.01	0.01	—	0.01	—	633	633	0.03	0.01	635
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.14	0.14	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.62	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	105	105	< 0.005	< 0.005	105
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.10	1.17	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.01	0.01	262
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.34	26.0	6.18	0.15	0.43	5.89	6.32	0.43	1.65	2.08	—	22,440	22,440	0.42	3.53	23,504

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	25.2	25.2	< 0.005	< 0.005	25.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	2.52	0.59	0.01	0.04	0.56	0.60	0.04	0.16	0.20	—	2,151	2,151	0.04	0.34	2,255
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.17	4.17	< 0.005	< 0.005	4.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.46	0.11	< 0.005	0.01	0.10	0.11	0.01	0.03	0.04	—	356	356	0.01	0.06	373

3.5. Building Construction (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.02	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	24.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.00	2.29	27.7	0.00	0.00	6.20	6.20	0.00	1.45	1.45	—	6,149	6,149	0.29	0.24	6,226
Vendor	0.12	6.51	1.99	0.04	0.08	1.58	1.67	0.08	0.44	0.52	—	5,670	5,670	0.12	0.86	5,930
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.78	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	378	378	0.02	0.01	383
Vendor	0.01	0.39	0.12	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	344	344	0.01	0.05	360
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.32	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.4
Vendor	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.9	56.9	< 0.005	0.01	59.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2025) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	24.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.00	2.29	27.7	0.00	0.00	6.20	6.20	0.00	1.45	1.45	—	6,149	6,149	0.29	0.24	6,226
Vendor	0.12	6.51	1.99	0.04	0.08	1.58	1.67	0.08	0.44	0.52	—	5,670	5,670	0.12	0.86	5,930
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.78	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	378	378	0.02	0.01	383
Vendor	0.01	0.39	0.12	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	344	344	0.01	0.05	360
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.03	0.32	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.4
Vendor	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.9	56.9	< 0.005	0.01	59.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,397	2,397	0.10	0.02	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,397	2,397	0.10	0.02	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.09	7.70	0.01	0.02	—	0.02	0.02	—	0.02	—	1,290	1,290	0.05	0.01	1,295
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	1.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	214	214	0.01	< 0.005	214
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.01	1.86	34.1	0.00	0.00	6.20	6.20	0.00	1.45	1.45	—	6,545	6,545	0.28	0.22	6,641
Vendor	0.12	5.95	1.85	0.04	0.08	1.58	1.67	0.08	0.44	0.52	—	5,575	5,575	0.12	0.86	5,850
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.89	2.08	25.8	0.00	0.00	6.20	6.20	0.00	1.45	1.45	—	6,018	6,018	0.09	0.24	6,091
Vendor	0.11	6.21	1.90	0.04	0.08	1.58	1.67	0.08	0.44	0.52	—	5,579	5,579	0.12	0.86	5,839
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	1.22	14.5	0.00	0.00	3.32	3.32	0.00	0.78	0.78	—	3,280	3,280	0.05	0.13	3,324
Vendor	0.06	3.36	1.01	0.02	0.04	0.85	0.89	0.04	0.23	0.28	—	3,001	3,001	0.07	0.46	3,144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.22	2.66	0.00	0.00	0.61	0.61	0.00	0.14	0.14	—	543	543	0.01	0.02	550
Vendor	0.01	0.61	0.18	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	497	497	0.01	0.08	521
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2026) - Mitigated

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

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

Off-Road Equipment	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,397	2,397	0.10	0.02	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,397	2,397	0.10	0.02	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.09	7.70	0.01	0.02	—	0.02	0.02	—	0.02	—	1,290	1,290	0.05	0.01	1,295
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	1.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	214	214	0.01	< 0.005	214
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.01	1.86	34.1	0.00	0.00	6.20	6.20	0.00	1.45	1.45	—	6,545	6,545	0.28	0.22	6,641
Vendor	0.12	5.95	1.85	0.04	0.08	1.58	1.67	0.08	0.44	0.52	—	5,575	5,575	0.12	0.86	5,850
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.89	2.08	25.8	0.00	0.00	6.20	6.20	0.00	1.45	1.45	—	6,018	6,018	0.09	0.24	6,091
Vendor	0.11	6.21	1.90	0.04	0.08	1.58	1.67	0.08	0.44	0.52	—	5,579	5,579	0.12	0.86	5,839

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	1.22	14.5	0.00	0.00	3.32	3.32	0.00	0.78	0.78	—	3,280	3,280	0.05	0.13	3,324
Vendor	0.06	3.36	1.01	0.02	0.04	0.85	0.89	0.04	0.23	0.28	—	3,001	3,001	0.07	0.46	3,144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.22	2.66	0.00	0.00	0.61	0.61	0.00	0.14	0.14	—	543	543	0.01	0.02	550
Vendor	0.01	0.61	0.18	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	497	497	0.01	0.08	521
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	1,516
Paving	3.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	82.8	82.8	< 0.005	< 0.005	83.1
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	13.8
Paving	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.82	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	190	190	< 0.005	0.01	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.6	10.6	< 0.005	< 0.005	10.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	1.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2026) - Mitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	1,516
Paving	3.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	82.8	82.8	< 0.005	< 0.005	83.1
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	13.8
Paving	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.82	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	190	190	< 0.005	0.01	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.6	10.6	< 0.005	< 0.005	10.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	1.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	134
Architectural Coatings	48.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	134

Architectural Coatings	48.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.19	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.2	40.2	< 0.005	< 0.005	40.4
Architectural Coatings	14.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.66	6.66	< 0.005	< 0.005	6.68
Architectural Coatings	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.37	6.82	0.00	0.00	1.24	1.24	0.00	0.29	0.29	—	1,309	1,309	0.06	0.04	1,328
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.42	5.17	0.00	0.00	1.24	1.24	0.00	0.29	0.29	—	1,204	1,204	0.02	0.05	1,218
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.14	1.63	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	367	367	0.01	0.01	372
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.30	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.8	60.8	< 0.005	< 0.005	61.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	134
Architectural Coatings	48.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	134

Architectural Coatings	48.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.19	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.2	40.2	< 0.005	< 0.005	40.4
Architectural Coatings	14.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.66	6.66	< 0.005	< 0.005	6.68
Architectural Coatings	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.37	6.82	0.00	0.00	1.24	1.24	0.00	0.29	0.29	—	1,309	1,309	0.06	0.04	1,328
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.42	5.17	0.00	0.00	1.24	1.24	0.00	0.29	0.29	—	1,204	1,204	0.02	0.05	1,218
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.14	1.63	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	367	367	0.01	0.01	372
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.30	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.8	60.8	< 0.005	< 0.005	61.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	7.46	6.46	74.6	0.18	0.11	16.2	16.4	0.10	4.12	4.22	—	18,134	18,134	0.61	0.70	18,425
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	7.46	6.46	74.6	0.18	0.11	16.2	16.4	0.10	4.12	4.22	—	18,134	18,134	0.61	0.70	18,425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	7.11	6.96	62.5	0.17	0.11	16.2	16.4	0.10	4.12	4.22	—	16,956	16,956	0.64	0.73	17,191
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	7.11	6.96	62.5	0.17	0.11	16.2	16.4	0.10	4.12	4.22	—	16,956	16,956	0.64	0.73	17,191
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.29	1.30	11.8	0.03	0.02	2.95	2.97	0.02	0.75	0.77	—	2,836	2,836	0.11	0.12	2,879
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	1.29	1.30	11.8	0.03	0.02	2.95	2.97	0.02	0.75	0.77	—	2,836	2,836	0.11	0.12	2,879

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	7.46	6.46	74.6	0.18	0.11	16.2	16.4	0.10	4.12	4.22	—	18,134	18,134	0.61	0.70	18,425

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	7.46	6.46	74.6	0.18	0.11	16.2	16.4	0.10	4.12	4.22	—	18,134	18,134	0.61	0.70	18,425
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	7.11	6.96	62.5	0.17	0.11	16.2	16.4	0.10	4.12	4.22	—	16,956	16,956	0.64	0.73	17,191
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	7.11	6.96	62.5	0.17	0.11	16.2	16.4	0.10	4.12	4.22	—	16,956	16,956	0.64	0.73	17,191
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.29	1.30	11.8	0.03	0.02	2.95	2.97	0.02	0.75	0.77	—	2,836	2,836	0.11	0.12	2,879
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	1.29	1.30	11.8	0.03	0.02	2.95	2.97	0.02	0.75	0.77	—	2,836	2,836	0.11	0.12	2,879

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4,954	4,954	0.31	0.04	4,973
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	1,674	1,674	0.10	0.01	1,680
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6,628	6,628	0.41	0.05	6,654
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4,954	4,954	0.31	0.04	4,973
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	1,674	1,674	0.10	0.01	1,680
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6,628	6,628	0.41	0.05	6,654
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	820	820	0.05	0.01	823
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	277	277	0.02	< 0.005	278
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,097	1,097	0.07	0.01	1,102

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,594	1,594	0.10	0.01	1,600
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,594	1,594	0.10	0.01	1,600
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,548	1,548	0.10	0.01	1,553
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,548	1,548	0.10	0.01	1,553
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	261	261	0.02	< 0.005	262
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00

City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	261	261	0.02	< 0.005	262

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

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

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	8.07	0.41	49.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	202	202	0.01	< 0.005	203
Total	35.0	0.41	49.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	202	202	0.01	< 0.005	203
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.01	0.05	6.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	23.0
Total	5.92	0.05	6.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	23.0

4.3.2. Mitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	501	2,657	3,158	51.5	1.24	4,815
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	56.6	56.6	< 0.005	< 0.005	56.9
Total	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	501	2,657	3,158	51.5	1.24	4,815
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	56.6	56.6	< 0.005	< 0.005	56.9
Total	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	82.9	440	523	8.53	0.21	797
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	9.38	9.38	< 0.005	< 0.005	9.41
Total	—	—	—	—	—	—	—	—	—	—	82.9	449	532	8.53	0.21	807

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	451	2,402	2,853	46.4	1.12	4,347

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	-13.8	-13.8	> -0.005	> -0.005	-13.9
Total	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	451	2,402	2,853	46.4	1.12	4,347
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	-13.8	-13.8	> -0.005	> -0.005	-13.9
Total	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	74.7	398	472	7.69	0.19	720
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	-2.28	-2.28	> -0.005	> -0.005	-2.29
Total	—	—	—	—	—	—	—	—	—	—	74.7	395	470	7.69	0.19	717

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.47	0.00	332
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	0.13
Total	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.47	0.00	332
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00

City Park	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	0.13
Total	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00

4.6.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3

Total	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3

4.8.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	9/1/2025	10/10/2025	5.00	30.0	—
Grading	Grading	10/13/2025	11/28/2025	5.00	35.0	—
Building Construction	Building Construction	12/1/2025	10/2/2026	5.00	220	—
Paving	Paving	10/5/2026	10/30/2026	5.00	20.0	—
Architectural Coating	Architectural Coating	6/8/2026	11/6/2026	5.00	110	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29

Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	325	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	475	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	185	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	94.9	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT

Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	325	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	475	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	185	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	94.9	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT

Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	1,694,841	564,947	36,590

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	45.0	0.00	—
Grading	91,121	0.00	105	0.00	—
Paving	0.00	0.00	0.00	0.00	30.1

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	30.1	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	2,169	2,169	2,169	791,830	23,034	23,034	23,034	8,407,536
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	2,169	2,169	2,169	791,830	23,034	23,034	23,034	8,407,536
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,694,841	564,947	36,590

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

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

Unrefrigerated Warehouse-No Rail	3,399,242	532	0.0330	0.0040	0.00
Parking Lot	1,148,573	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,061,799	532	0.0330	0.0040	0.00
Parking Lot	0.00	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	261,287,988	8,406,444
Parking Lot	0.00	0.00
City Park	0.00	7,323,119

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	235,551,121	8,406,444
Parking Lot	0.00	0.00
City Park	0.00	-1,784,156

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,062	—
Parking Lot	0.00	—
City Park	0.41	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,062	—
Parking Lot	0.00	—
City Park	0.41	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	0.14	50.0	350	0.73
Fire Pump	Diesel	1.00	0.14	50.0	238	0.73
Fire Pump	Diesel	1.00	0.14	50.0	238	0.73
Fire Pump	Diesel	1.00	0.14	50.0	238	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

8. User Changes to Default Data

Screen	Justification

Land Use	Total project site is 60.86 acres. The proposed project would develop a total of 4 industrial buildings totaling 1,129,894 sf, including a total of 1,351 parking spaces, and 530,184 sf of landscape area. The proposed project would also include a 171,762 infiltration basin which is modeled with the City Park Land Use. Parking Lot acreage area also accounts for interior roads and site improvements.
Construction: Construction Phases	Construction is anticipated to begin in the third quarter of 2025 and occur for approximately 14 months. Assuming overlap between building construction and architectural coating.
Construction: Off-Road Equipment	Default construction equipment with Tier 4 Final engine
Operations: Vehicle Data	Based on the project's trip generation for vehicles and light duty trucks. The proposed project would generate 2,058 passenger vehicle trips, 59 two-axle truck trips, and 57 three-axle truck trips for a total of 2,174 average daily trips.
Operations: Fleet Mix	Adjust fleet mix to reflect fleet distribution from trip generation. Vehicles and light duty trucks only.
Operations: Energy Use	The proposed project would not be powered by natural gas
Construction: Architectural Coatings	Proposed project would comply with SCAQMD Rule 1113
Operations: Architectural Coatings	Proposed project would comply with SCAQMD Rule 1113

Hemet 63 Industrial Project - Heavy Heavy Duty Trucks Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hemet 63 Industrial Project - Heavy Heavy Duty Trucks
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	8.60
Location	33.742377783921825, -117.0175802695606
County	Riverside-South Coast
City	Hemet
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5562
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	1,130	1000sqft	26.0	1,129,894	530,184	—	—	—
Parking Lot	1,351	Space	30.2	0.00	0.00	—	—	—

City Park	4.77	Acre	4.77	0.00	207,837	207,837	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-2	Require Energy Efficient Appliances
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-4	Require Low-Flow Water Fixtures
Water	W-5	Design Water-Efficient Landscapes
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	35.7	34.7	56.4	0.31	0.71	8.97	9.68	0.66	2.40	3.07	1,073	42,949	44,022	110	6.57	48,793
Mit.	27.6	34.2	7.22	0.31	0.62	8.97	9.59	0.60	2.40	3.00	1,024	37,383	38,407	104	6.40	42,994
% Reduced	23%	1%	87%	1%	12%	—	1%	10%	—	2%	5%	13%	13%	5%	2%	12%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	27.6	35.7	7.29	0.31	0.62	8.97	9.59	0.60	2.40	3.00	1,073	42,756	43,830	110	6.57	48,532
Mit.	27.6	35.7	7.29	0.31	0.62	8.97	9.59	0.60	2.40	3.00	1,024	37,346	38,370	104	6.40	42,890

% Reduced	—	—	—	—	—	—	—	—	—	—	5%	13%	12%	5%	2%	12%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	33.1	36.3	40.9	0.31	0.68	8.93	9.61	0.64	2.39	3.04	1,073	42,887	43,960	110	6.57	48,691
Mit.	27.6	36.0	7.24	0.31	0.62	8.93	9.55	0.60	2.39	2.99	1,024	37,370	38,394	104	6.40	42,942
% Reduced	17%	1%	82%	1%	9%	—	1%	7%	—	1%	5%	13%	13%	5%	2%	12%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.05	6.63	7.46	0.06	0.12	1.63	1.75	0.12	0.44	0.55	178	7,100	7,278	18.2	1.09	8,061
Mit.	5.04	6.58	1.32	0.06	0.11	1.63	1.74	0.11	0.44	0.55	170	6,187	6,357	17.3	1.06	7,109
% Reduced	17%	1%	82%	1%	9%	—	1%	7%	—	1%	5%	13%	13%	5%	2%	12%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.44	33.6	6.59	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,276	33,276	0.61	5.27	34,932
Area	35.0	0.41	49.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	202	202	0.01	< 0.005	203
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6,632	6,632	0.41	0.05	6,657
Water	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	35.7	34.7	56.4	0.31	0.71	8.97	9.68	0.66	2.40	3.07	1,073	42,949	44,022	110	6.57	48,793

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.42	35.0	6.67	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,285	33,285	0.61	5.27	34,874
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6,632	6,632	0.41	0.05	6,657
Water	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	27.6	35.7	7.29	0.31	0.62	8.97	9.59	0.60	2.40	3.00	1,073	42,756	43,830	110	6.57	48,532
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.43	35.4	6.63	0.31	0.59	8.93	9.52	0.56	2.39	2.96	—	33,280	33,280	0.61	5.27	34,897
Area	32.5	0.28	33.7	< 0.005	0.06	—	0.06	0.05	—	0.05	—	138	138	0.01	< 0.005	139
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6,632	6,632	0.41	0.05	6,657
Water	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.67	0.61	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	122	122	< 0.005	< 0.005	123
Total	33.1	36.3	40.9	0.31	0.68	8.93	9.61	0.64	2.39	3.04	1,073	42,887	43,960	110	6.57	48,691
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.08	6.46	1.21	0.06	0.11	1.63	1.74	0.10	0.44	0.54	—	5,510	5,510	0.10	0.87	5,778
Area	5.92	0.05	6.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	23.0
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,098	1,098	0.07	0.01	1,102
Water	—	—	—	—	—	—	—	—	—	—	82.9	449	532	8.53	0.21	807
Waste	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00

Stationar	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	6.05	6.63	7.46	0.06	0.12	1.63	1.75	0.12	0.44	0.55	178	7,100	7,278	18.2	1.09	8,061

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.44	33.6	6.59	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,276	33,276	0.61	5.27	34,932
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,594	1,594	0.10	0.01	1,600
Water	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	27.6	34.2	7.22	0.31	0.62	8.97	9.59	0.60	2.40	3.00	1,024	37,383	38,407	104	6.40	42,994
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.42	35.0	6.67	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,285	33,285	0.61	5.27	34,874
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,548	1,548	0.10	0.01	1,553
Water	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	27.6	35.7	7.29	0.31	0.62	8.97	9.59	0.60	2.40	3.00	1,024	37,346	38,370	104	6.40	42,890

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.43	35.4	6.63	0.31	0.59	8.93	9.52	0.56	2.39	2.96	—	33,280	33,280	0.61	5.27	34,897
Area	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,579	1,579	0.10	0.01	1,585
Water	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Waste	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.24	0.67	0.61	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	122	122	< 0.005	< 0.005	123
Total	27.6	36.0	7.24	0.31	0.62	8.93	9.55	0.60	2.39	2.99	1,024	37,370	38,394	104	6.40	42,942
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.08	6.46	1.21	0.06	0.11	1.63	1.74	0.10	0.44	0.54	—	5,510	5,510	0.10	0.87	5,778
Area	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	261	261	0.02	< 0.005	262
Water	—	—	—	—	—	—	—	—	—	—	74.7	395	470	7.69	0.19	717
Waste	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Stationary	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	5.04	6.58	1.32	0.06	0.11	1.63	1.74	0.11	0.44	0.55	170	6,187	6,357	17.3	1.06	7,109

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.44	33.6	6.59	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,276	33,276	0.61	5.27	34,932
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.44	33.6	6.59	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,276	33,276	0.61	5.27	34,932
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.42	35.0	6.67	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,285	33,285	0.61	5.27	34,874
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.42	35.0	6.67	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,285	33,285	0.61	5.27	34,874
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.08	6.46	1.21	0.06	0.11	1.63	1.74	0.10	0.44	0.54	—	5,510	5,510	0.10	0.87	5,778
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.08	6.46	1.21	0.06	0.11	1.63	1.74	0.10	0.44	0.54	—	5,510	5,510	0.10	0.87	5,778

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.44	33.6	6.59	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,276	33,276	0.61	5.27	34,932
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.44	33.6	6.59	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,276	33,276	0.61	5.27	34,932
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.42	35.0	6.67	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,285	33,285	0.61	5.27	34,874
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.42	35.0	6.67	0.31	0.59	8.97	9.56	0.56	2.40	2.97	—	33,285	33,285	0.61	5.27	34,874
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.08	6.46	1.21	0.06	0.11	1.63	1.74	0.10	0.44	0.54	—	5,510	5,510	0.10	0.87	5,778
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.08	6.46	1.21	0.06	0.11	1.63	1.74	0.10	0.44	0.54	—	5,510	5,510	0.10	0.87	5,778

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4,954	4,954	0.31	0.04	4,973
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	1,677	1,677	0.10	0.01	1,684
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6,632	6,632	0.41	0.05	6,657
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4,954	4,954	0.31	0.04	4,973
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	1,677	1,677	0.10	0.01	1,684
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6,632	6,632	0.41	0.05	6,657
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	820	820	0.05	0.01	823
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	278	278	0.02	< 0.005	279
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,098	1,098	0.07	0.01	1,102

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,594	1,594	0.10	0.01	1,600
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,594	1,594	0.10	0.01	1,600
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,548	1,548	0.10	0.01	1,553
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1,548	1,548	0.10	0.01	1,553

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	261	261	0.02	< 0.005	262
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	261	261	0.02	< 0.005	262

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

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

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

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

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	8.07	0.41	49.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	202	202	0.01	< 0.005	203
Total	35.0	0.41	49.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	202	202	0.01	< 0.005	203
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.01	0.05	6.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	23.0
Total	5.92	0.05	6.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	23.0

4.3.2. Mitigated

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

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

Consumer	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	24.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	501	2,657	3,158	51.5	1.24	4,815
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	56.6	56.6	< 0.005	< 0.005	56.9
Total	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	501	2,657	3,158	51.5	1.24	4,815
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	56.6	56.6	< 0.005	< 0.005	56.9
Total	—	—	—	—	—	—	—	—	—	—	501	2,714	3,215	51.5	1.24	4,872
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	82.9	440	523	8.53	0.21	797
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	9.38	9.38	< 0.005	< 0.005	9.41
Total	—	—	—	—	—	—	—	—	—	—	82.9	449	532	8.53	0.21	807

4.4.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	451	2,402	2,853	46.4	1.12	4,347
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	-13.8	-13.8	> -0.005	> -0.005	-13.9
Total	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	451	2,402	2,853	46.4	1.12	4,347
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	-13.8	-13.8	> -0.005	> -0.005	-13.9
Total	—	—	—	—	—	—	—	—	—	—	451	2,388	2,840	46.4	1.12	4,333
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	74.7	398	472	7.69	0.19	720
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.00	-2.28	-2.28	> -0.005	> -0.005	-2.29
Total	—	—	—	—	—	—	—	—	—	—	74.7	395	470	7.69	0.19	717

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.47	0.00	332

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	0.13
Total	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	572	0.00	572	57.2	0.00	2,003
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.77
Total	—	—	—	—	—	—	—	—	—	—	573	0.00	573	57.2	0.00	2,003
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.47	0.00	332
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	0.13
Total	—	—	—	—	—	—	—	—	—	—	94.8	0.00	94.8	9.48	0.00	332

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00

4.6.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3

4.8.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Total	0.24	0.68	0.62	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	125	125	0.01	< 0.005	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3
Total	0.04	0.12	0.11	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	20.3	20.3	< 0.005	< 0.005	20.3

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	249	249	249	90,730	9,943	9,943	9,943	3,629,220
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	249	249	249	90,730	9,943	9,943	9,943	3,629,220
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,694,841	564,947	36,590

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	3,399,242	532	0.0330	0.0040	0.00
Parking Lot	1,150,862	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,061,799	532	0.0330	0.0040	0.00
Parking Lot	0.00	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	261,287,988	8,406,444
Parking Lot	0.00	0.00
City Park	0.00	7,323,119

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	235,551,121	8,406,444
Parking Lot	0.00	0.00
City Park	0.00	-1,784,156

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,062	—
Parking Lot	0.00	—

City Park	0.41	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,062	—
Parking Lot	0.00	—
City Park	0.41	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	0.14	50.0	350	0.73
Fire Pump	Diesel	1.00	0.14	50.0	238	0.73
Fire Pump	Diesel	1.00	0.14	50.0	238	0.73
Fire Pump	Diesel	1.00	0.14	50.0	238	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

8. User Changes to Default Data

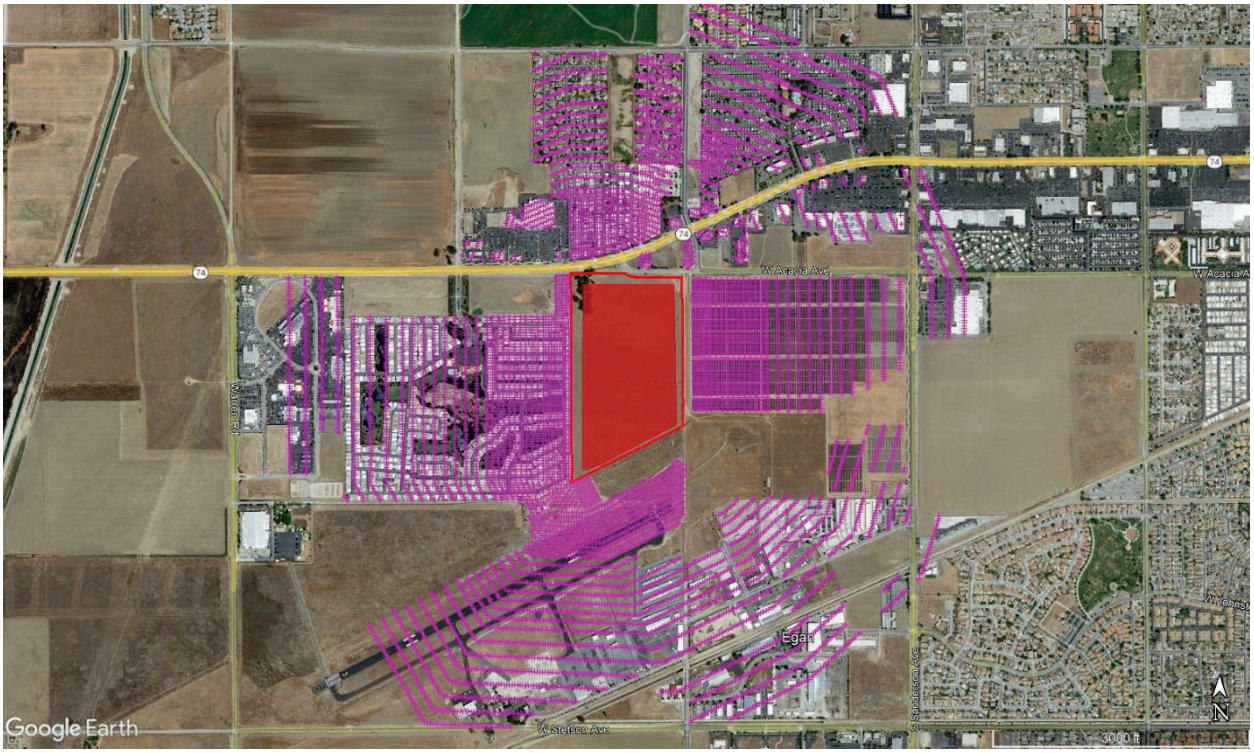
Screen	Justification
Land Use	Total project site is 60.86 acres. The proposed project would develop a total of 4 industrial buildings totaling 1,129,894 sf, including a total of 1,351 parking spaces, and 530,184 sf of landscape area. The proposed project would also include a 207,837 (~4.77 acres) infiltration basin which is modeled with the City Park Land use. Parking Lot acreage area also accounts for interior roads and site improvements.
Construction: Construction Phases	Construction is anticipated to begin in the first quarter of 2025 and occur for approximately 14 months. Assuming overlap between building construction and architectural coating.

Construction: Off-Road Equipment	Default construction equipment with Tier 4 Final engine
Operations: Vehicle Data	Based on the project's trip generation for vehicles and light duty trucks. The proposed project would generate 56 four+-axle truck trips, and 198 five+-axle truck trips for a total of 254 average daily trips. Assuming trip length to be 40 miles.
Operations: Fleet Mix	Heavy Heavy Duty Trucks only
Operations: Energy Use	The proposed project would not be powered by natural gas
Construction: Architectural Coatings	Proposed project would comply with SCAQMD Rule 1113
Operations: Architectural Coatings	Proposed project would comply with SCAQMD Rule 1113

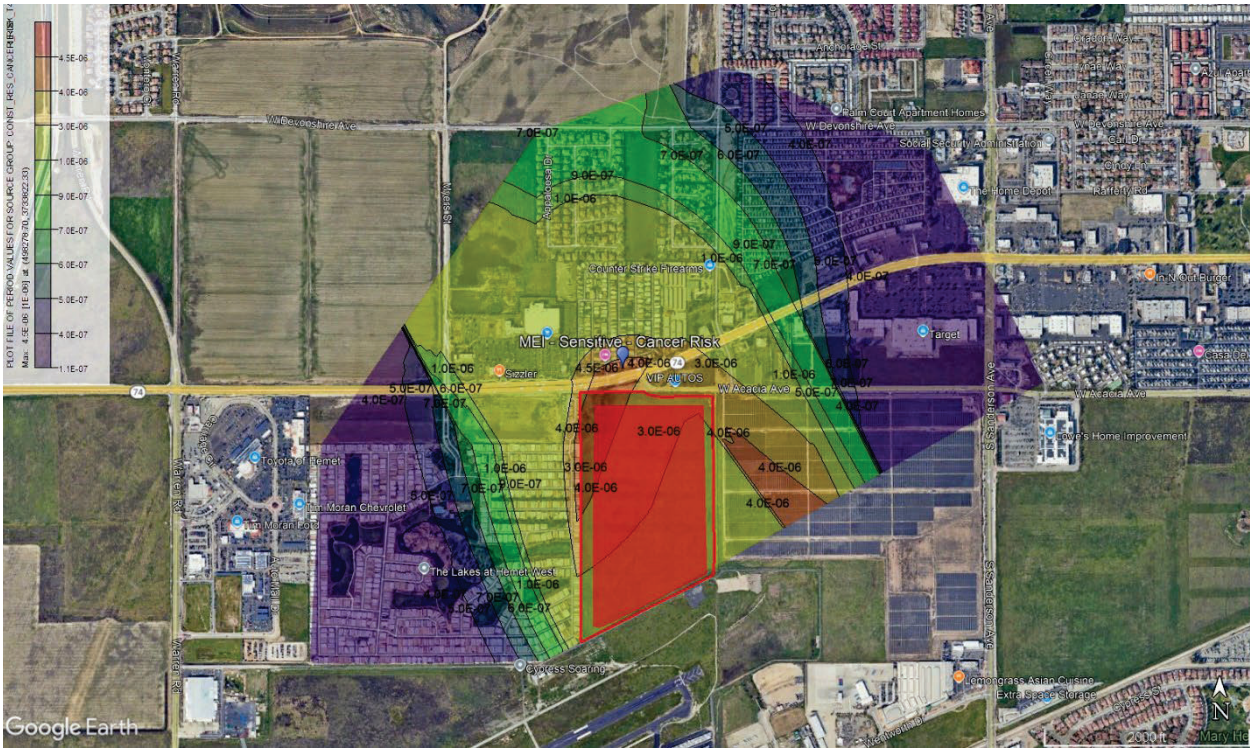
APPENDIX B

HRA MODEL SNAPSHOTS AND OUTPUTS

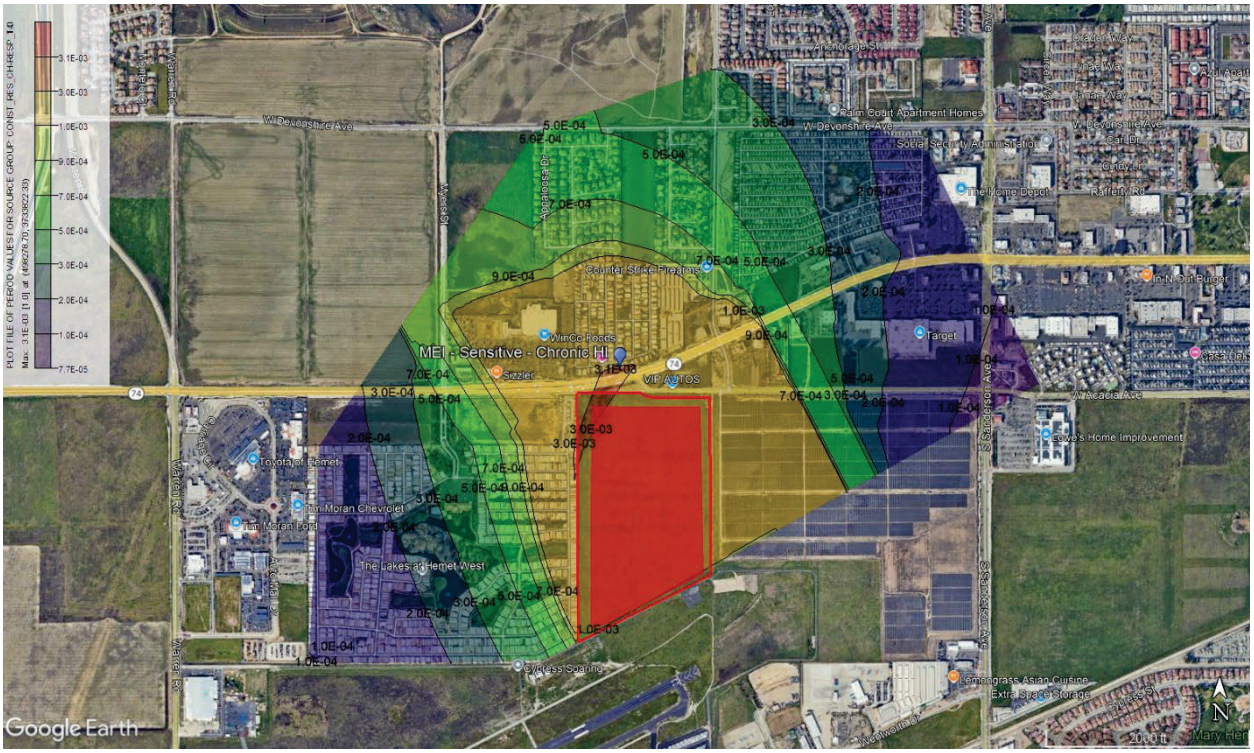
Sensitive Receptor Grid



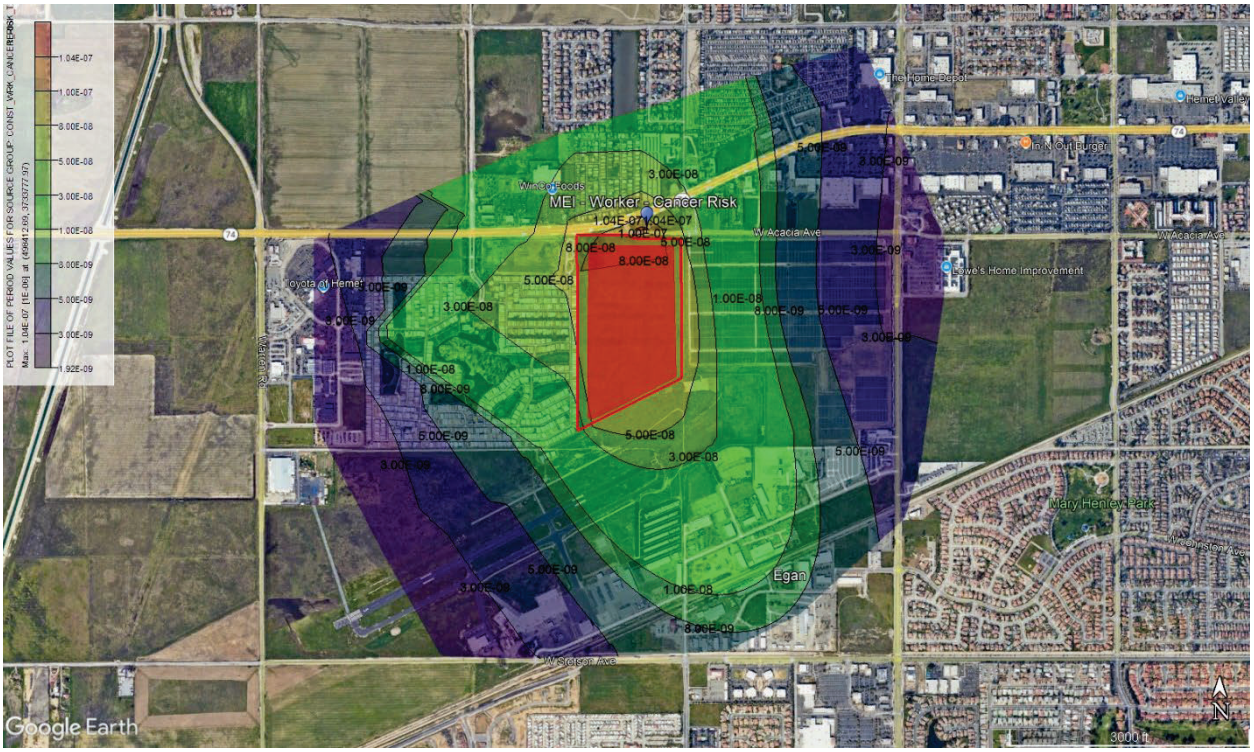
Construction Cancer Risk – Sensitive Receptor



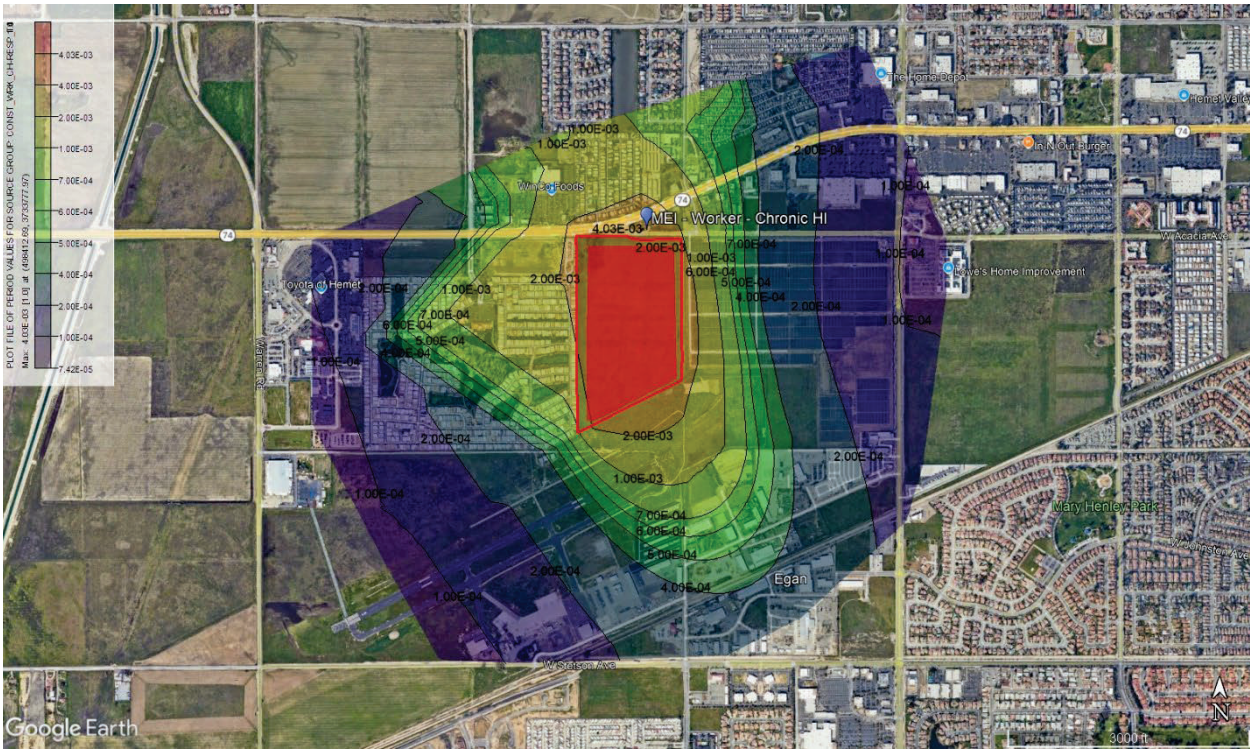
Construction Chronic Health Index - Sensitive Receptor



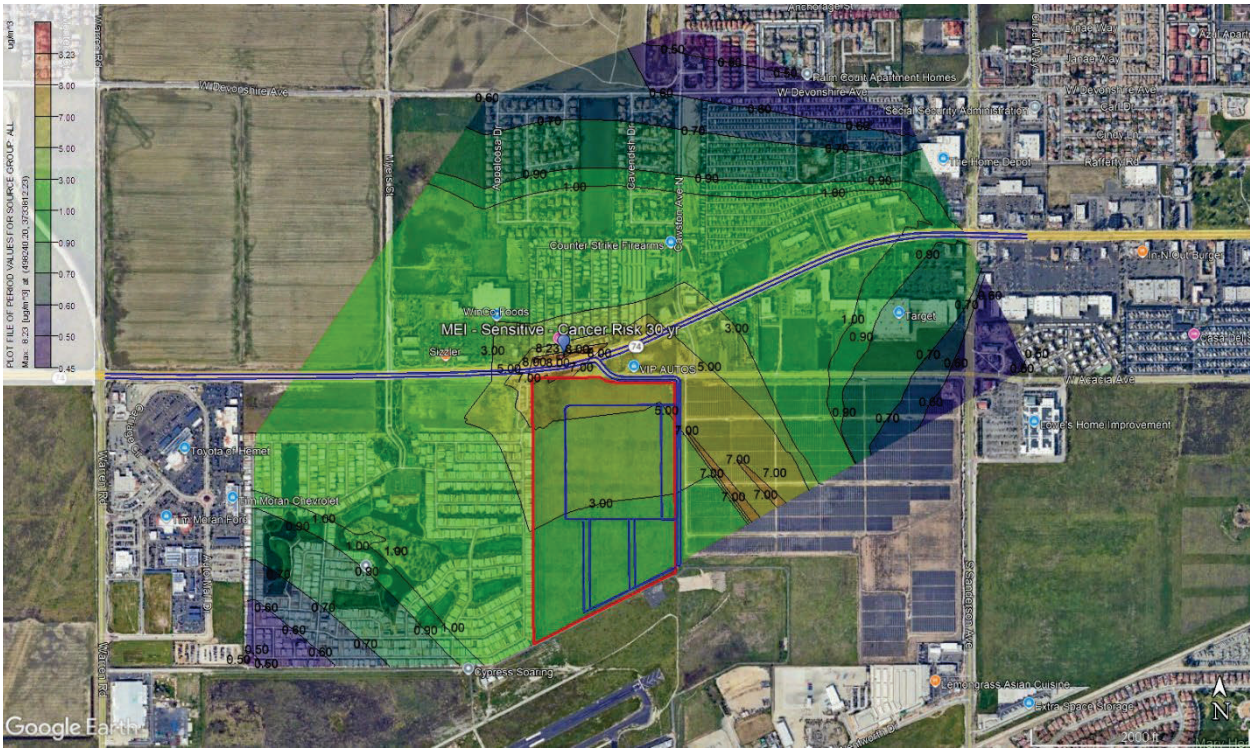
Construction Cancer Risk – Worker Receptor



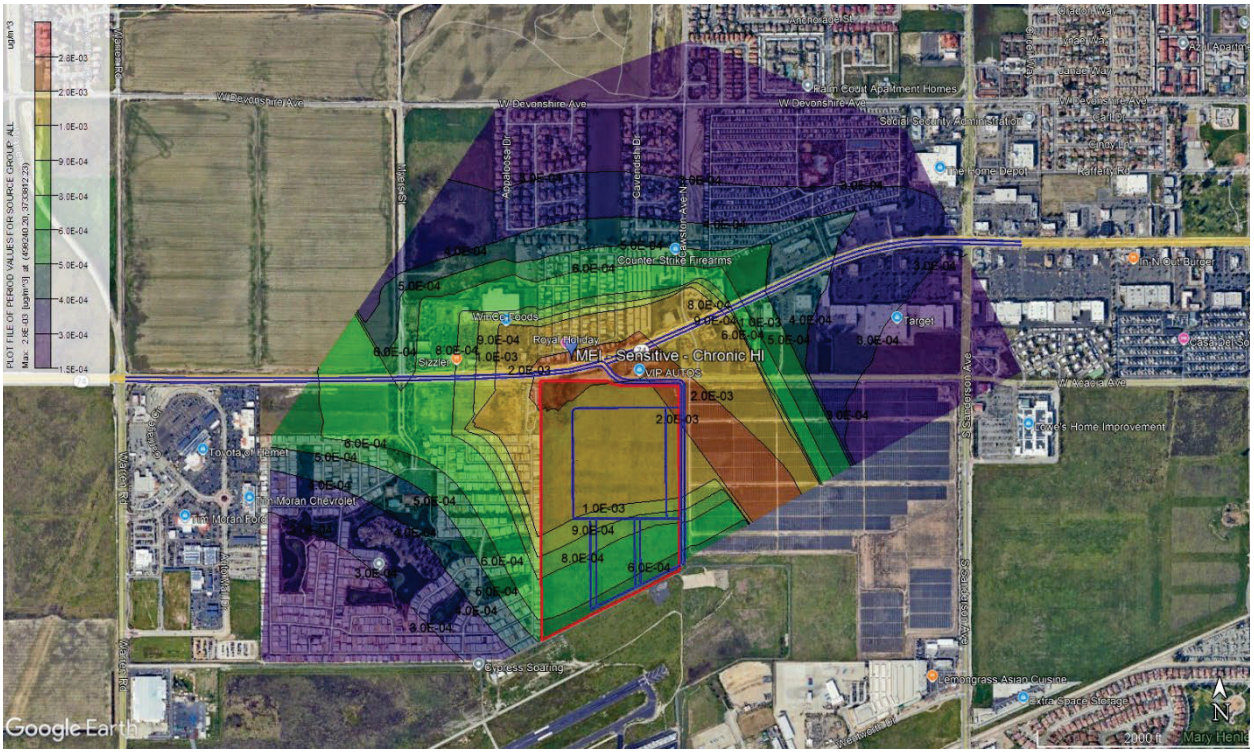
Construction Chronic Health Index - Worker Receptor



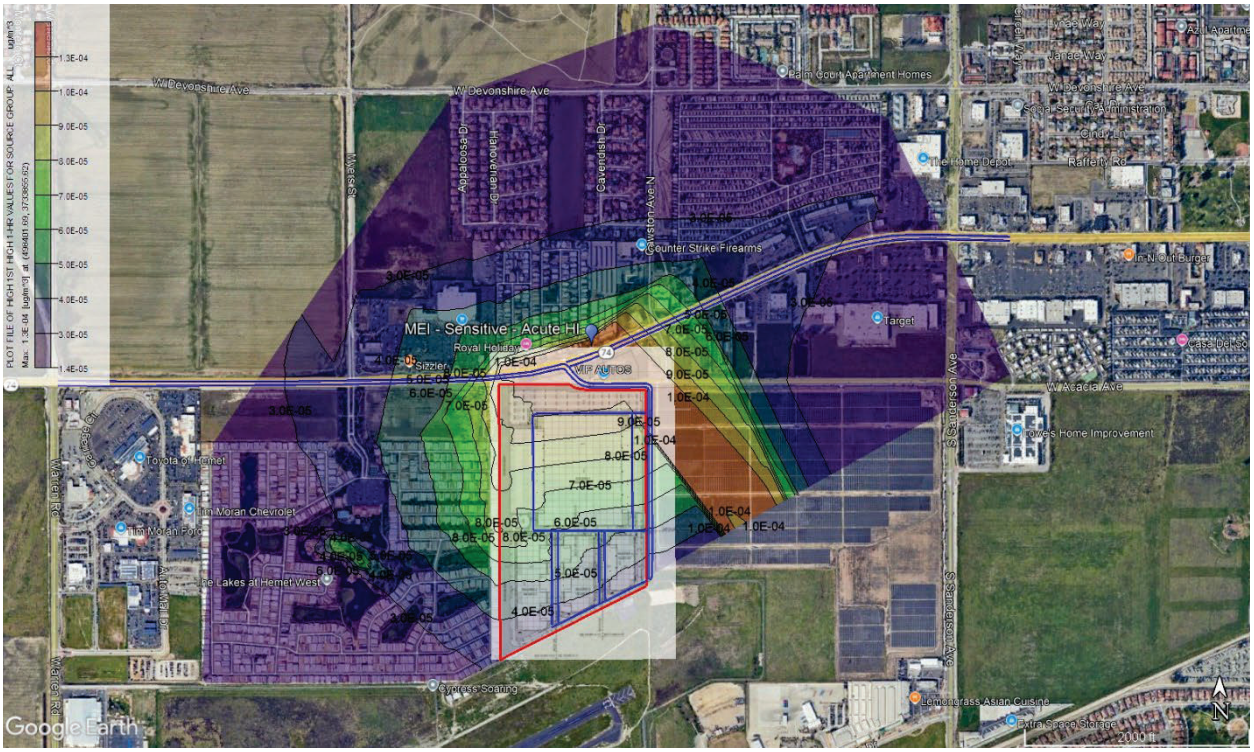
Operational Cancer Risk – Sensitive Receptor



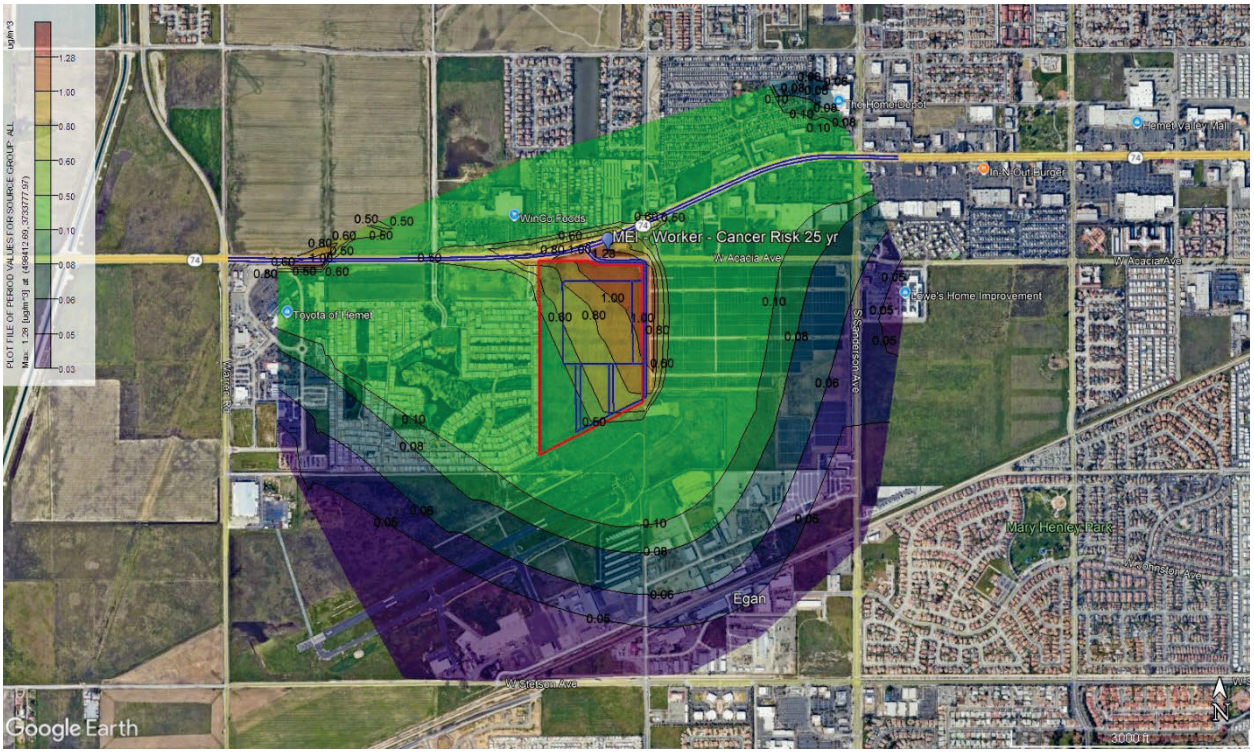
Operational Chronic Health Index – Sensitive Receptor



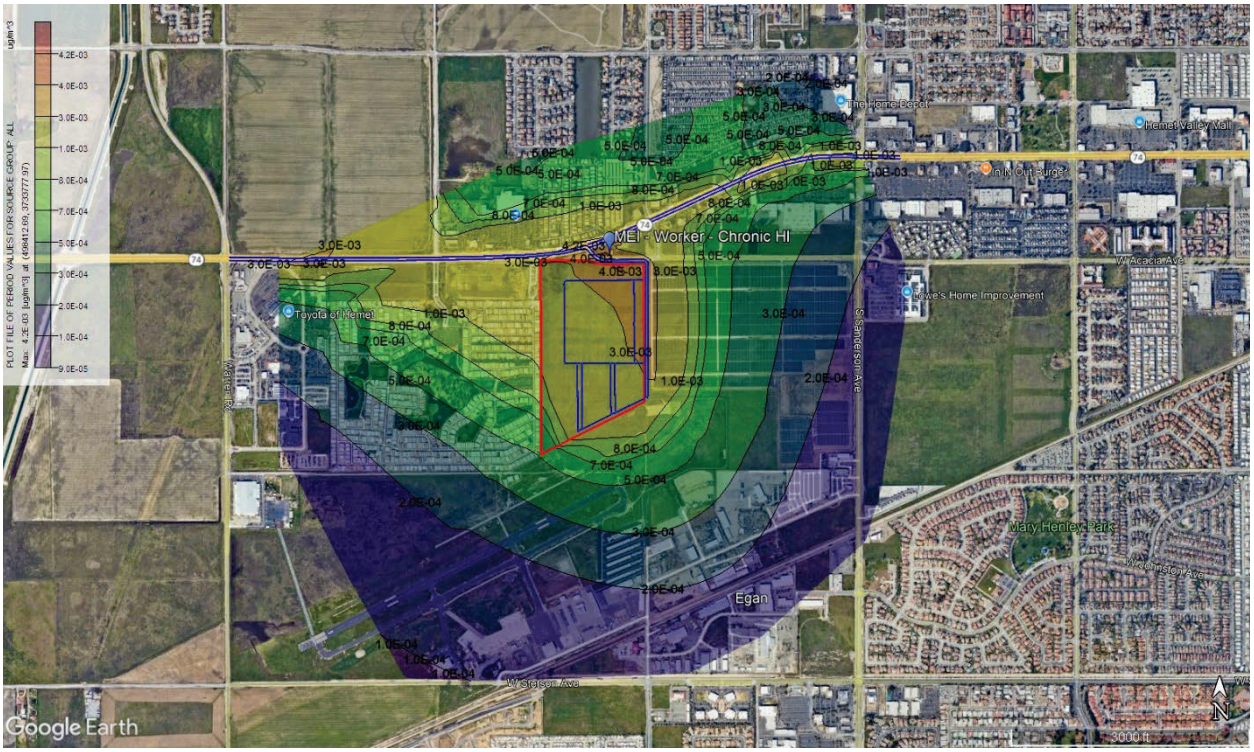
Operational Acute Health Index – Sensitive Receptor



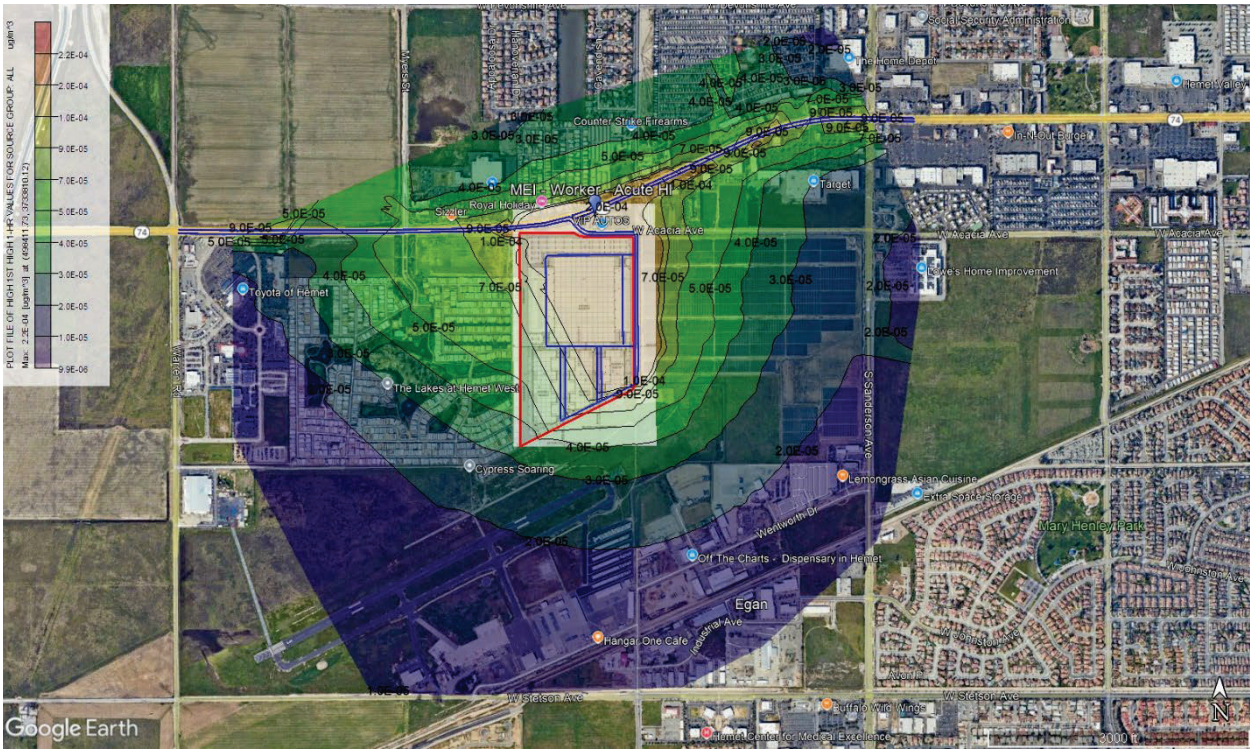
Operational Cancer Risk – Worker Receptor



Operational Chronic Health Index – Worker Receptor



Operational Acute Health Index – Worker Receptor



Construction MEI (Sensitive) - Cancer Risk (in a Million) HARP Rec #: 118 X: 498278.7 Y: 3733822.33			
T4	T4_Rev	0	0
4.82	4.55	0.00	0.00
MEI (Sensitive) - Chronic Hazard Index HARP Rec #: 118 X: 498278.7 Y: 3733822.33			
T4	T4_Rev	0	0
3.31E-03	3.13E-03	0.00E+00	0.00E+00
MEI (Sensitive) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T4	T4_Rev	0	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Sensitive) - PM 2.5 HARP Rec #: 118 X: 498278.7 Y: 3733822.33			
T4	T4_Rev	0	0
0.017	0.016	0.000	0.000

Construction MEI (Worker) - Cancer Risk (in a Million) HARP Rec #: 417 X: 498412.69 Y: 3733777.97			
T4	T4_Rev	0	0
0.11	0.10	0.00	0.00
MEI (Worker) - Chronic Hazard Index HARP Rec #: 417 X: 498412.69 Y: 3733777.97			
T4	T4_Rev	0	0
4.27E-03	4.03E-03	0.00E+00	0.00E+00
MEI (Worker) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T4	T4_Rev	0	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Worker) - PM 2.5 HARP Rec #: 417 X: 498412.69 Y: 3733777.97			
T4	T4_Rev	0	0
0.021	0.020	0.000	0.000

Operational Sensitive Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
30 Yr Cancer Risk (in a Million)	105	498240.2 3733812.23	8.23
70 Yr Cancer Risk (in a Million)	105	498240.2 3733812.23	9.60
Chronic HI	105	498240.2 3733812.23	2.82E-03
Acute HI	682	498401.69 3733855.62	1.26E-04
PM 2.5	135	498326.84 3733832.47	0.0127

Operational Worker Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
25 Yr Cancer Risk (in a Million)	417	498412.69 3733777.97	1.28
Chronic HI	417	498412.69 3733777.97	4.15E-03
Acute HI	281	498411.73 3733810.12	2.19E-04
PM 2.5	417	498412.69 3733777.97	1.39E-02

Description	Receptor Type	Model Type	UTM X	UTM Y	Latitude	Longitude
Construction	Sensitive	Cancer Risk	498278.70	3733822.33	33.74445438	-117.0185838
Construction	Sensitive	Chronic HI	498278.70	3733822.33	33.74445438	-117.0185838
Construction	Sensitive	Acute HI	0	0		
Construction	Sensitive	PM 2.5	498278.70	3733822.33	33.74445438	-117.0185838
Construction	School	Cancer Risk	0.00	0.00		
Construction	School	Chronic HI	0.00	0.00		
Construction	School	Acute HI	0	0		
Construction	School	PM 2.5	0.00	0.00		
Construction	Worker	Cancer Risk	498412.69	3733777.97	33.7440545	-117.0171372
Construction	Worker	Chronic HI	498412.69	3733777.97	33.7440545	-117.0171372
Construction	Worker	Acute HI	0	0		
Construction	Worker	PM 2.5	498412.69	3733777.97	33.7440545	-117.0171372
Operational	Sensitive	Cancer Risk 30 yr	498240.2	3733812.23	33.74436322	-117.0189995
Operational	Sensitive	Cancer Risk 70 yr	498240.2	3733812.23	33.74436322	-117.0189995
Operational	Sensitive	Chronic HI	498240.2	3733812.23	33.74436322	-117.0189995
Operational	Sensitive	Acute HI	498401.69	3733855.62	33.74475483	-117.0172561
Operational	Sensitive	PM 2.5	498326.84	3733832.47	33.74454591	-117.0180641
Operational	Worker	Cancer Risk 25 yr	498412.69	3733777.97	33.7440545	-117.0171372
Operational	Worker	Chronic HI	498412.69	3733777.97	33.7440545	-117.0171372
Operational	Worker	Acute HI	498411.73	3733810.12	33.74434446	-117.0171476
Operational	Worker	PM 2.5	498412.69	3733777.97	33.7440545	-117.0171372

General AERMOD Input Parameters			
Project Boundary			
	Based on site plan		
Project Elevation Data			
	Source	**Lakes Environmental**	
	Link	http://www.webgis.com/terraindata.html	
	Evel Data Descr.	**7.5 min DEM**	
Project Receptor Grid			
	Telescoping Grid	Spacing (m)	Distance (m)
	Grid 1	**10**	**200**
	Grid 2	**20**	**200**
	Grid 3	**30**	**300**
	Grid 4	**40**	**400**
	Comments	**Receptors on roads or paring lot areas have been removed.**	
Meteorological Dataset			
	Location	**Perris**	
	Provided By	**South Coast AQMD**	
	Years	**2010 - 2011, 2014-2016**	
	Elevation (m)	**442**	
	Link	https://www.aqmd.gov/docs/default-source/air-quality/meterorological-data/aermod-ready-meteorological-data/table-1-meteorological-sites/2017/PerrisADJU.zip?sfvrsn=8	
Construction Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	**Default**	
	Pollutant Type	**Other**	
	Averaging Period	**Period & Hourly**	
	Dispersion Coefficient	**Urban**	
	County	**Riverside**	
	Urban Grouping / Pop	**Y**	**91,660**
	# of Worker Receptors	**5,244**	
	# of Sensitive Receptors	**3,525**	
	# of School Receptors	**0**	
Construction Area Parameters			
	Source Type	**Polygon Area**	
	Project Area (m^2)	**190932.2**	
	Ht. of Source (m)	**3.048**	
Operational Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	**Default**	
	Pollutant Type	**Other**	
	Averaging Period	**Period / Hourly**	
	Dispersion Coefficient	**Urban**	
	Urban Grouping / Pop	**Y**	**91,660**
	# Worker Receptors	**5,244**	
	# Sensitive Receptors	**3,525**	

	# of School Receptors	**0**
Diesel Truck Idling Parameters		
	Source Type	**Point**
	Stack Ht. (m)	**3.658**
	Stack Dia (m)	**0.044**
	Stack Temp (k)	**388.7**
	Velocity (m/s)	**25**
Diesel Truck Travel Parameters		
	Source Type	**Line Volume**
	Initial Vertical (m)	**1.42**
	Initial Lateral (m)	**2.84**
	Release Ht (m)	**Surface**
	Volume Length (m)	**Roadway Segment Specific**
I.C. Engine Parameters		
	Source Type	**Point**
	Stack Ht. (m)	**2.44**
	Stack Dia (m)	**0.1**
	Stack Temp (k)	**422**
	Velocity (m/s)	**50**

General HARP Input Parameters		
Construction		
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester - 2 Year**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**2.25**
	Intake Rate	**RMP using the Derived Merthod**
	Comments	
Sensitive Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**Y**
	TAH ≥ 16 yrs	**Y**
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	**16**
	Age Range	**16 - 17**
	Receptor Type	**Worker**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**2**
	Intake Rate	**OEHHA Derived Merthod**
	Comments	
Worker Pathway Parameters		
	Pathways	**OEHHA minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**
Operational		
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester - 30 Year**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**30.25**
	Intake Rate	**RMP using the Derived Merthod**
	Comments	
Sensitive Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**

	Deposition Rate	**0.02**
	TAH < 16 yrs	**Y**
	TAH ≥ 16 yrs	**Y**
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	**16**
	Age Range	**16 - 41**
	Receptor Type	**Worker**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**25**
	Intake Rate	**OEHHA Derived Merthod**
	Comments	
Worker Pathway Parameters		
	Pathways	**OEHHA minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**

T4_Rev

4.55E-06

	UTM X	UTM Y	Yr 1	Total
1	498156.01	3733581.38	4.41E-06	4.41E-06
2	498155.86	3733590.85	4.39E-06	4.39E-06
3	498155.71	3733600.32	4.37E-06	4.37E-06
4	498146.01	3733581.22	3.97E-06	3.97E-06
5	498145.86	3733590.69	3.96E-06	3.96E-06
6	498145.71	3733600.16	3.94E-06	3.94E-06
7	498136.01	3733581.06	3.61E-06	3.61E-06
8	498135.86	3733590.54	3.60E-06	3.60E-06
9	498135.71	3733600.01	3.59E-06	3.59E-06
10	498126.02	3733580.91	3.30E-06	3.30E-06
11	498125.87	3733590.38	3.29E-06	3.29E-06
12	498125.72	3733599.85	3.29E-06	3.29E-06
13	498116.02	3733580.75	3.03E-06	3.03E-06
14	498115.87	3733590.22	3.03E-06	3.03E-06
15	498115.72	3733599.69	3.03E-06	3.03E-06
16	498106.02	3733580.59	2.80E-06	2.80E-06
17	498105.87	3733590.06	2.80E-06	2.80E-06
18	498105.72	3733599.53	2.80E-06	2.80E-06
19	498096.02	3733580.43	2.59E-06	2.59E-06
20	498095.87	3733589.9	2.60E-06	2.60E-06
21	498095.72	3733599.37	2.60E-06	2.60E-06
22	498086.02	3733580.27	2.41E-06	2.41E-06
23	498085.87	3733589.74	2.41E-06	2.41E-06
24	498085.72	3733599.21	2.42E-06	2.42E-06
25	498076.02	3733580.11	2.25E-06	2.25E-06
26	498075.87	3733589.59	2.25E-06	2.25E-06
27	498075.72	3733599.06	2.25E-06	2.25E-06
28	498066.02	3733579.96	2.10E-06	2.10E-06
29	498065.87	3733589.43	2.11E-06	2.11E-06
30	498065.72	3733598.9	2.11E-06	2.11E-06
31	498046.03	3733579.64	1.85E-06	1.85E-06
32	498045.88	3733589.11	1.85E-06	1.85E-06
33	498045.73	3733598.58	1.86E-06	1.86E-06
34	498026.03	3733579.32	1.64E-06	1.64E-06
35	498025.88	3733588.79	1.64E-06	1.64E-06
36	498025.73	3733598.26	1.65E-06	1.65E-06
37	498006.03	3733579.01	1.46E-06	1.46E-06
38	498005.88	3733588.48	1.47E-06	1.47E-06
39	498005.73	3733597.95	1.47E-06	1.47E-06
40	497986.03	3733578.69	1.31E-06	1.31E-06
41	497985.88	3733588.16	1.32E-06	1.32E-06
42	497985.73	3733597.63	1.32E-06	1.32E-06
43	497966.04	3733578.37	1.18E-06	1.18E-06
44	497965.89	3733587.84	1.19E-06	1.19E-06
45	497965.74	3733597.31	1.19E-06	1.19E-06
46	497946.04	3733578.06	1.07E-06	1.07E-06
47	497945.89	3733587.53	1.08E-06	1.08E-06
48	497945.74	3733597	1.08E-06	1.08E-06

49	497926.04	3733577.74	9.73E-07	9.73E-07
50	497925.89	3733587.21	9.80E-07	9.80E-07
51	497925.74	3733596.68	9.86E-07	9.86E-07
52	497906.04	3733577.42	8.89E-07	8.89E-07
53	497905.89	3733586.89	8.95E-07	8.95E-07
54	497905.74	3733596.36	9.01E-07	9.01E-07
55	497886.05	3733577.11	8.16E-07	8.16E-07
56	497885.9	3733586.58	8.21E-07	8.21E-07
57	497885.75	3733596.05	8.27E-07	8.27E-07
58	497866.05	3733576.79	7.51E-07	7.51E-07
59	497865.9	3733586.26	7.56E-07	7.56E-07
60	497865.75	3733595.73	7.61E-07	7.61E-07
61	497828.55	3733576.2	6.49E-07	6.49E-07
62	497828.4	3733585.67	6.54E-07	6.54E-07
63	497828.25	3733595.14	6.59E-07	6.59E-07
64	497791.06	3733575.6	5.67E-07	5.67E-07
65	497790.91	3733585.07	5.71E-07	5.71E-07
66	497790.76	3733594.54	5.75E-07	5.75E-07
67	497753.56	3733575.01	5.01E-07	5.01E-07
68	497753.41	3733584.48	5.04E-07	5.04E-07
69	497753.26	3733593.95	5.08E-07	5.08E-07
70	497716.07	3733574.41	4.46E-07	4.46E-07
71	497715.92	3733583.88	4.49E-07	4.49E-07
72	497715.77	3733593.35	4.51E-07	4.51E-07
73	497678.57	3733573.82	3.99E-07	3.99E-07
74	497678.42	3733583.29	4.02E-07	4.02E-07
75	497678.27	3733592.76	4.05E-07	4.05E-07
76	497641.08	3733573.23	3.61E-07	3.61E-07
77	497640.93	3733582.7	3.63E-07	3.63E-07
78	497640.78	3733592.17	3.65E-07	3.65E-07
79	497603.58	3733572.63	3.28E-07	3.28E-07
80	497603.43	3733582.1	3.30E-07	3.30E-07
81	497603.28	3733591.57	3.32E-07	3.32E-07
82	497566.09	3733572.04	3.00E-07	3.00E-07
83	497565.94	3733581.51	3.02E-07	3.02E-07
84	497565.79	3733590.98	3.03E-07	3.03E-07
85	497508.95	3733571.13	2.64E-07	2.64E-07
86	497508.8	3733580.6	2.66E-07	2.66E-07
87	497508.65	3733590.07	2.67E-07	2.67E-07
88	497451.81	3733570.23	2.35E-07	2.35E-07
89	497451.66	3733579.7	2.36E-07	2.36E-07
90	497451.51	3733589.17	2.37E-07	2.37E-07
91	497451.36	3733598.64	2.38E-07	2.38E-07
92	497394.68	3733569.32	2.11E-07	2.11E-07
93	497394.53	3733578.79	2.12E-07	2.12E-07
94	497394.38	3733588.26	2.13E-07	2.13E-07
95	497394.23	3733597.73	2.14E-07	2.14E-07
96	498172.8	3733802.04	3.52E-06	3.52E-06
97	498163.14	3733812.01	3.25E-06	3.25E-06
98	498172.77	3733812.04	3.41E-06	3.41E-06
99	498182.41	3733812.06	3.57E-06	3.57E-06
100	498192.04	3733812.09	3.73E-06	3.73E-06

101	498201.67	3733812.12	3.88E-06	3.88E-06
102	498211.3	3733812.14	4.04E-06	4.04E-06
103	498220.94	3733812.17	4.18E-06	4.18E-06
104	498230.57	3733812.2	4.32E-06	4.32E-06
105	498240.2	3733812.23	4.44E-06	4.44E-06
106	498163.11	3733822.01	3.15E-06	3.15E-06
107	498172.75	3733822.04	3.30E-06	3.30E-06
108	498182.38	3733822.06	3.44E-06	3.44E-06
109	498192.01	3733822.09	3.59E-06	3.59E-06
110	498201.64	3733822.12	3.73E-06	3.73E-06
111	498211.28	3733822.14	3.86E-06	3.86E-06
112	498220.91	3733822.17	3.99E-06	3.99E-06
113	498230.54	3733822.2	4.11E-06	4.11E-06
114	498240.17	3733822.23	4.22E-06	4.22E-06
115	498249.81	3733822.25	4.32E-06	4.32E-06
116	498259.44	3733822.28	4.41E-06	4.41E-06
117	498269.07	3733822.31	4.48E-06	4.48E-06
118	498278.7	3733822.33	4.55E-06	4.55E-06
119	498172.72	3733832.04	3.19E-06	3.19E-06
120	498182.35	3733832.06	3.32E-06	3.32E-06
121	498191.98	3733832.09	3.45E-06	3.45E-06
122	498201.62	3733832.12	3.58E-06	3.58E-06
123	498211.25	3733832.14	3.70E-06	3.70E-06
124	498220.88	3733832.17	3.82E-06	3.82E-06
125	498230.51	3733832.2	3.92E-06	3.92E-06
126	498240.15	3733832.23	4.02E-06	4.02E-06
127	498249.78	3733832.25	4.11E-06	4.11E-06
128	498259.41	3733832.28	4.19E-06	4.19E-06
129	498269.04	3733832.31	4.26E-06	4.26E-06
130	498278.68	3733832.33	4.32E-06	4.32E-06
131	498288.31	3733832.36	4.37E-06	4.37E-06
132	498297.94	3733832.39	4.41E-06	4.41E-06
133	498307.57	3733832.41	4.44E-06	4.44E-06
134	498317.21	3733832.44	4.46E-06	4.46E-06
135	498326.84	3733832.47	4.47E-06	4.47E-06
136	498172.69	3733842.04	3.09E-06	3.09E-06
137	498182.32	3733842.06	3.21E-06	3.21E-06
138	498191.96	3733842.09	3.33E-06	3.33E-06
139	498201.59	3733842.12	3.44E-06	3.44E-06
140	498211.22	3733842.14	3.55E-06	3.55E-06
141	498220.85	3733842.17	3.66E-06	3.66E-06
142	498230.49	3733842.2	3.75E-06	3.75E-06
143	498240.12	3733842.23	3.84E-06	3.84E-06
144	498249.75	3733842.25	3.92E-06	3.92E-06
145	498259.38	3733842.28	4.00E-06	4.00E-06
146	498269.02	3733842.31	4.06E-06	4.06E-06
147	498278.65	3733842.33	4.11E-06	4.11E-06
148	498288.28	3733842.36	4.16E-06	4.16E-06
149	498297.91	3733842.39	4.19E-06	4.19E-06
150	498307.55	3733842.41	4.22E-06	4.22E-06
151	498317.18	3733842.44	4.23E-06	4.23E-06
152	498326.81	3733842.47	4.24E-06	4.24E-06

153	498336.44	3733842.5	4.24E-06	4.24E-06
154	498346.08	3733842.52	4.23E-06	4.23E-06
155	498355.71	3733842.55	4.22E-06	4.22E-06
156	498172.66	3733852.04	3.00E-06	3.00E-06
157	498182.29	3733852.06	3.11E-06	3.11E-06
158	498191.93	3733852.09	3.22E-06	3.22E-06
159	498201.56	3733852.12	3.32E-06	3.32E-06
160	498211.19	3733852.14	3.42E-06	3.42E-06
161	498220.82	3733852.17	3.51E-06	3.51E-06
162	498230.46	3733852.2	3.60E-06	3.60E-06
163	498240.09	3733852.23	3.68E-06	3.68E-06
164	498249.72	3733852.25	3.75E-06	3.75E-06
165	498259.35	3733852.28	3.82E-06	3.82E-06
166	498268.99	3733852.31	3.87E-06	3.87E-06
167	498278.62	3733852.33	3.92E-06	3.92E-06
168	498288.25	3733852.36	3.96E-06	3.96E-06
169	498297.88	3733852.39	3.99E-06	3.99E-06
170	498307.52	3733852.41	4.02E-06	4.02E-06
171	498317.15	3733852.44	4.03E-06	4.03E-06
172	498326.78	3733852.47	4.04E-06	4.04E-06
173	498336.41	3733852.5	4.04E-06	4.04E-06
174	498346.05	3733852.52	4.03E-06	4.03E-06
175	498355.68	3733852.55	4.01E-06	4.01E-06
176	498162.97	3733872.01	2.73E-06	2.73E-06
177	498172.61	3733872.04	2.82E-06	2.82E-06
178	498182.24	3733872.06	2.92E-06	2.92E-06
179	498191.87	3733872.09	3.00E-06	3.00E-06
180	498201.5	3733872.12	3.09E-06	3.09E-06
181	498211.14	3733872.14	3.17E-06	3.17E-06
182	498220.77	3733872.17	3.25E-06	3.25E-06
183	498230.4	3733872.2	3.32E-06	3.32E-06
184	498240.03	3733872.23	3.39E-06	3.39E-06
185	498249.67	3733872.25	3.45E-06	3.45E-06
186	498259.3	3733872.28	3.50E-06	3.50E-06
187	498268.93	3733872.31	3.55E-06	3.55E-06
188	498278.56	3733872.33	3.59E-06	3.59E-06
189	498288.2	3733872.36	3.62E-06	3.62E-06
190	498297.83	3733872.39	3.64E-06	3.64E-06
191	498307.46	3733872.41	3.66E-06	3.66E-06
192	498317.09	3733872.44	3.67E-06	3.67E-06
193	498326.73	3733872.47	3.68E-06	3.68E-06
194	498336.36	3733872.5	3.67E-06	3.67E-06
195	498345.99	3733872.52	3.66E-06	3.66E-06
196	498355.62	3733872.55	3.64E-06	3.64E-06
197	498172.55	3733892.04	2.66E-06	2.66E-06
198	498182.18	3733892.06	2.74E-06	2.74E-06
199	498191.82	3733892.09	2.82E-06	2.82E-06
200	498201.45	3733892.12	2.89E-06	2.89E-06
201	498211.08	3733892.14	2.96E-06	2.96E-06
202	498220.71	3733892.17	3.02E-06	3.02E-06
203	498230.35	3733892.2	3.08E-06	3.08E-06
204	498239.98	3733892.23	3.13E-06	3.13E-06

205	498249.61	3733892.25	3.18E-06	3.18E-06
206	498259.24	3733892.28	3.23E-06	3.23E-06
207	498268.88	3733892.31	3.26E-06	3.26E-06
208	498278.51	3733892.33	3.30E-06	3.30E-06
209	498288.14	3733892.36	3.32E-06	3.32E-06
210	498297.77	3733892.39	3.34E-06	3.34E-06
211	498307.41	3733892.41	3.36E-06	3.36E-06
212	498317.04	3733892.44	3.36E-06	3.36E-06
213	498326.67	3733892.47	3.37E-06	3.37E-06
214	498336.3	3733892.5	3.36E-06	3.36E-06
215	498345.94	3733892.52	3.35E-06	3.35E-06
216	498355.57	3733892.55	3.33E-06	3.33E-06
217	498162.86	3733912.01	2.45E-06	2.45E-06
218	498172.49	3733912.04	2.52E-06	2.52E-06
219	498182.13	3733912.06	2.58E-06	2.58E-06
220	498191.76	3733912.09	2.65E-06	2.65E-06
221	498201.39	3733912.12	2.71E-06	2.71E-06
222	498211.02	3733912.14	2.76E-06	2.76E-06
223	498220.66	3733912.17	2.82E-06	2.82E-06
224	498230.29	3733912.2	2.87E-06	2.87E-06
225	498239.92	3733912.23	2.91E-06	2.91E-06
226	498249.55	3733912.25	2.95E-06	2.95E-06
227	498259.19	3733912.28	2.99E-06	2.99E-06
228	498268.82	3733912.31	3.02E-06	3.02E-06
229	498278.45	3733912.33	3.05E-06	3.05E-06
230	498288.08	3733912.36	3.07E-06	3.07E-06
231	498297.72	3733912.39	3.08E-06	3.08E-06
232	498307.35	3733912.41	3.09E-06	3.09E-06
233	498316.98	3733912.44	3.10E-06	3.10E-06
234	498326.61	3733912.47	3.10E-06	3.10E-06
235	498336.25	3733912.5	3.09E-06	3.09E-06
236	498345.88	3733912.52	3.08E-06	3.08E-06
237	498355.51	3733912.55	3.06E-06	3.06E-06
238	498162.81	3733932.01	2.33E-06	2.33E-06
239	498172.44	3733932.04	2.38E-06	2.38E-06
240	498182.07	3733932.06	2.44E-06	2.44E-06
241	498191.7	3733932.09	2.49E-06	2.49E-06
242	498201.34	3733932.12	2.54E-06	2.54E-06
243	498210.97	3733932.14	2.59E-06	2.59E-06
244	498220.6	3733932.17	2.64E-06	2.64E-06
245	498230.23	3733932.2	2.68E-06	2.68E-06
246	498239.87	3733932.23	2.72E-06	2.72E-06
247	498249.5	3733932.25	2.75E-06	2.75E-06
248	498259.13	3733932.28	2.78E-06	2.78E-06
249	498268.76	3733932.31	2.81E-06	2.81E-06
250	498278.4	3733932.33	2.83E-06	2.83E-06
251	498288.03	3733932.36	2.84E-06	2.84E-06
252	498297.66	3733932.39	2.85E-06	2.85E-06
253	498307.29	3733932.41	2.86E-06	2.86E-06
254	498316.93	3733932.44	2.86E-06	2.86E-06
255	498326.56	3733932.47	2.86E-06	2.86E-06
256	498336.19	3733932.5	2.85E-06	2.85E-06

257	498345.82	3733932.52	2.84E-06	2.84E-06
258	498355.46	3733932.55	2.83E-06	2.83E-06
259	498162.75	3733952.01	2.21E-06	2.21E-06
260	498172.38	3733952.04	2.26E-06	2.26E-06
261	498182.01	3733952.06	2.31E-06	2.31E-06
262	498191.65	3733952.09	2.35E-06	2.35E-06
263	498201.28	3733952.12	2.40E-06	2.40E-06
264	498210.91	3733952.14	2.44E-06	2.44E-06
265	498220.54	3733952.17	2.48E-06	2.48E-06
266	498230.18	3733952.2	2.51E-06	2.51E-06
267	498239.81	3733952.23	2.54E-06	2.54E-06
268	498249.44	3733952.25	2.57E-06	2.57E-06
269	498259.07	3733952.28	2.59E-06	2.59E-06
270	498268.71	3733952.31	2.62E-06	2.62E-06
271	498278.34	3733952.33	2.63E-06	2.63E-06
272	498287.97	3733952.36	2.64E-06	2.64E-06
273	498297.6	3733952.39	2.65E-06	2.65E-06
274	498307.24	3733952.41	2.66E-06	2.66E-06
275	498316.87	3733952.44	2.66E-06	2.66E-06
276	498326.5	3733952.47	2.65E-06	2.65E-06
277	498336.13	3733952.5	2.65E-06	2.65E-06
278	498345.77	3733952.52	2.63E-06	2.63E-06
279	498355.4	3733952.55	2.62E-06	2.62E-06
280	498162.69	3733972.01	2.10E-06	2.10E-06
281	498172.33	3733972.04	2.14E-06	2.14E-06
282	498181.96	3733972.06	2.19E-06	2.19E-06
283	498191.59	3733972.09	2.23E-06	2.23E-06
284	498201.22	3733972.12	2.26E-06	2.26E-06
285	498210.86	3733972.14	2.30E-06	2.30E-06
286	498220.49	3733972.17	2.33E-06	2.33E-06
287	498230.12	3733972.2	2.36E-06	2.36E-06
288	498239.75	3733972.23	2.39E-06	2.39E-06
289	498249.39	3733972.25	2.41E-06	2.41E-06
290	498259.02	3733972.28	2.43E-06	2.43E-06
291	498268.65	3733972.31	2.45E-06	2.45E-06
292	498278.28	3733972.33	2.46E-06	2.46E-06
293	498287.92	3733972.36	2.47E-06	2.47E-06
294	498297.55	3733972.39	2.47E-06	2.47E-06
295	498307.18	3733972.41	2.48E-06	2.48E-06
296	498316.81	3733972.44	2.48E-06	2.48E-06
297	498326.45	3733972.47	2.47E-06	2.47E-06
298	498336.08	3733972.5	2.46E-06	2.46E-06
299	498345.71	3733972.52	2.45E-06	2.45E-06
300	498355.34	3733972.55	2.44E-06	2.44E-06
301	498162.64	3733992.01	2.00E-06	2.00E-06
302	498172.27	3733992.04	2.04E-06	2.04E-06
303	498181.9	3733992.06	2.07E-06	2.07E-06
304	498191.53	3733992.09	2.11E-06	2.11E-06
305	498201.17	3733992.12	2.14E-06	2.14E-06
306	498210.8	3733992.14	2.17E-06	2.17E-06
307	498220.43	3733992.17	2.20E-06	2.20E-06
308	498230.06	3733992.2	2.22E-06	2.22E-06

309	498239.7	3733992.23	2.24E-06	2.24E-06
310	498249.33	3733992.25	2.26E-06	2.26E-06
311	498258.96	3733992.28	2.28E-06	2.28E-06
312	498268.59	3733992.31	2.29E-06	2.29E-06
313	498278.23	3733992.33	2.30E-06	2.30E-06
314	498287.86	3733992.36	2.31E-06	2.31E-06
315	498297.49	3733992.39	2.31E-06	2.31E-06
316	498307.12	3733992.41	2.32E-06	2.32E-06
317	498316.76	3733992.44	2.31E-06	2.31E-06
318	498326.39	3733992.47	2.31E-06	2.31E-06
319	498336.02	3733992.5	2.30E-06	2.30E-06
320	498345.65	3733992.52	2.29E-06	2.29E-06
321	498355.29	3733992.55	2.27E-06	2.27E-06
322	498162.58	3734012.01	1.91E-06	1.91E-06
323	498172.21	3734012.04	1.94E-06	1.94E-06
324	498181.85	3734012.06	1.97E-06	1.97E-06
325	498191.48	3734012.09	2.00E-06	2.00E-06
326	498201.11	3734012.12	2.03E-06	2.03E-06
327	498210.74	3734012.14	2.05E-06	2.05E-06
328	498220.38	3734012.17	2.08E-06	2.08E-06
329	498230.01	3734012.2	2.10E-06	2.10E-06
330	498239.64	3734012.22	2.12E-06	2.12E-06
331	498249.27	3734012.25	2.13E-06	2.13E-06
332	498258.91	3734012.28	2.14E-06	2.14E-06
333	498268.54	3734012.31	2.16E-06	2.16E-06
334	498278.17	3734012.33	2.16E-06	2.16E-06
335	498287.8	3734012.36	2.17E-06	2.17E-06
336	498297.44	3734012.39	2.17E-06	2.17E-06
337	498307.07	3734012.41	2.17E-06	2.17E-06
338	498316.7	3734012.44	2.17E-06	2.17E-06
339	498326.33	3734012.47	2.16E-06	2.16E-06
340	498335.97	3734012.49	2.15E-06	2.15E-06
341	498345.6	3734012.52	2.14E-06	2.14E-06
342	498355.23	3734012.55	2.13E-06	2.13E-06
343	498153.87	3734028.36	1.81E-06	1.81E-06
344	498162.53	3734032.01	1.82E-06	1.82E-06
345	498172.16	3734032.04	1.85E-06	1.85E-06
346	498181.79	3734032.06	1.87E-06	1.87E-06
347	498191.42	3734032.09	1.90E-06	1.90E-06
348	498201.06	3734032.12	1.92E-06	1.92E-06
349	498210.69	3734032.14	1.95E-06	1.95E-06
350	498220.32	3734032.17	1.97E-06	1.97E-06
351	498229.95	3734032.2	1.98E-06	1.98E-06
352	498239.59	3734032.22	2.00E-06	2.00E-06
353	498249.22	3734032.25	2.01E-06	2.01E-06
354	498258.85	3734032.28	2.02E-06	2.02E-06
355	498268.48	3734032.31	2.03E-06	2.03E-06
356	498278.12	3734032.33	2.04E-06	2.04E-06
357	498287.75	3734032.36	2.04E-06	2.04E-06
358	498297.38	3734032.39	2.04E-06	2.04E-06
359	498307.01	3734032.41	2.04E-06	2.04E-06
360	498316.65	3734032.44	2.04E-06	2.04E-06

361	498326.28	3734032.47	2.03E-06	2.03E-06
362	498335.91	3734032.49	2.02E-06	2.02E-06
363	498345.54	3734032.52	2.01E-06	2.01E-06
364	498355.18	3734032.55	2.00E-06	2.00E-06
365	498153.94	3734048.41	1.73E-06	1.73E-06
366	498162.47	3734052.01	1.74E-06	1.74E-06
367	498172.1	3734052.04	1.76E-06	1.76E-06
368	498181.73	3734052.06	1.79E-06	1.79E-06
369	498191.37	3734052.09	1.81E-06	1.81E-06
370	498201	3734052.12	1.83E-06	1.83E-06
371	498210.63	3734052.14	1.85E-06	1.85E-06
372	498220.26	3734052.17	1.86E-06	1.86E-06
373	498229.9	3734052.2	1.88E-06	1.88E-06
374	498239.53	3734052.22	1.89E-06	1.89E-06
375	498249.16	3734052.25	1.90E-06	1.90E-06
376	498258.79	3734052.28	1.91E-06	1.91E-06
377	498268.43	3734052.31	1.92E-06	1.92E-06
378	498278.06	3734052.33	1.92E-06	1.92E-06
379	498287.69	3734052.36	1.92E-06	1.92E-06
380	498297.32	3734052.39	1.92E-06	1.92E-06
381	498306.96	3734052.41	1.92E-06	1.92E-06
382	498316.59	3734052.44	1.92E-06	1.92E-06
383	498326.22	3734052.47	1.91E-06	1.91E-06
384	498335.85	3734052.49	1.90E-06	1.90E-06
385	498345.49	3734052.52	1.89E-06	1.89E-06
386	498355.12	3734052.55	1.88E-06	1.88E-06
387	498153.8	3734085.9	1.59E-06	1.59E-06
388	498162.36	3734089.51	1.60E-06	1.60E-06
389	498172	3734089.54	1.62E-06	1.62E-06
390	498181.63	3734089.56	1.63E-06	1.63E-06
391	498191.26	3734089.59	1.65E-06	1.65E-06
392	498200.89	3734089.62	1.67E-06	1.67E-06
393	498210.53	3734089.64	1.68E-06	1.68E-06
394	498220.16	3734089.67	1.69E-06	1.69E-06
395	498229.79	3734089.7	1.70E-06	1.70E-06
396	498239.42	3734089.72	1.71E-06	1.71E-06
397	498249.06	3734089.75	1.72E-06	1.72E-06
398	498258.69	3734089.78	1.73E-06	1.73E-06
399	498268.32	3734089.81	1.73E-06	1.73E-06
400	498277.95	3734089.83	1.73E-06	1.73E-06
401	498287.59	3734089.86	1.73E-06	1.73E-06
402	498297.22	3734089.89	1.73E-06	1.73E-06
403	498306.85	3734089.91	1.73E-06	1.73E-06
404	498316.48	3734089.94	1.72E-06	1.72E-06
405	498326.12	3734089.97	1.72E-06	1.72E-06
406	498335.75	3734089.99	1.71E-06	1.71E-06
407	498345.38	3734090.02	1.70E-06	1.70E-06
408	498355.01	3734090.05	1.69E-06	1.69E-06
409	498153.66	3734123.39	1.47E-06	1.47E-06
410	498162.26	3734127.01	1.47E-06	1.47E-06
411	498171.89	3734127.04	1.49E-06	1.49E-06
412	498181.52	3734127.06	1.50E-06	1.50E-06

413	498191.16	3734127.09	1.51E-06	1.51E-06
414	498200.79	3734127.12	1.53E-06	1.53E-06
415	498210.42	3734127.14	1.54E-06	1.54E-06
416	498220.05	3734127.17	1.55E-06	1.55E-06
417	498229.69	3734127.2	1.55E-06	1.55E-06
418	498239.32	3734127.22	1.56E-06	1.56E-06
419	498248.95	3734127.25	1.56E-06	1.56E-06
420	498258.58	3734127.28	1.57E-06	1.57E-06
421	498268.22	3734127.31	1.57E-06	1.57E-06
422	498277.85	3734127.33	1.57E-06	1.57E-06
423	498287.48	3734127.36	1.57E-06	1.57E-06
424	498297.11	3734127.39	1.57E-06	1.57E-06
425	498306.75	3734127.41	1.56E-06	1.56E-06
426	498316.38	3734127.44	1.56E-06	1.56E-06
427	498326.01	3734127.47	1.55E-06	1.55E-06
428	498335.64	3734127.49	1.54E-06	1.54E-06
429	498345.28	3734127.52	1.53E-06	1.53E-06
430	498354.91	3734127.55	1.52E-06	1.52E-06
431	498153.53	3734160.87	1.36E-06	1.36E-06
432	498144.9	3734157.24	1.36E-06	1.36E-06
433	498136.28	3734153.61	1.35E-06	1.35E-06
434	498127.66	3734149.97	1.35E-06	1.35E-06
435	498119.03	3734146.34	1.34E-06	1.34E-06
436	498110.41	3734142.71	1.33E-06	1.33E-06
437	498162.15	3734164.51	1.36E-06	1.36E-06
438	498171.79	3734164.54	1.37E-06	1.37E-06
439	498181.42	3734164.56	1.38E-06	1.38E-06
440	498191.05	3734164.59	1.39E-06	1.39E-06
441	498200.68	3734164.62	1.40E-06	1.40E-06
442	498210.32	3734164.64	1.41E-06	1.41E-06
443	498219.95	3734164.67	1.42E-06	1.42E-06
444	498229.58	3734164.7	1.42E-06	1.42E-06
445	498239.21	3734164.72	1.43E-06	1.43E-06
446	498248.85	3734164.75	1.43E-06	1.43E-06
447	498258.48	3734164.78	1.43E-06	1.43E-06
448	498268.11	3734164.81	1.43E-06	1.43E-06
449	498277.74	3734164.83	1.43E-06	1.43E-06
450	498287.38	3734164.86	1.43E-06	1.43E-06
451	498153.4	3734198.37	1.26E-06	1.26E-06
452	498144.76	3734194.72	1.26E-06	1.26E-06
453	498136.11	3734191.08	1.26E-06	1.26E-06
454	498127.47	3734187.44	1.26E-06	1.26E-06
455	498118.82	3734183.79	1.25E-06	1.25E-06
456	498110.17	3734180.15	1.25E-06	1.25E-06
457	498101.53	3734176.51	1.24E-06	1.24E-06
458	498092.88	3734172.87	1.23E-06	1.23E-06
459	498084.24	3734169.22	1.23E-06	1.23E-06
460	498075.59	3734165.58	1.22E-06	1.22E-06
461	498066.95	3734161.94	1.21E-06	1.21E-06
462	498058.3	3734158.3	1.20E-06	1.20E-06
463	498049.66	3734154.65	1.18E-06	1.18E-06
464	498041.01	3734151.01	1.17E-06	1.17E-06

465	498032.36	3734147.37	1.16E-06	1.16E-06
466	498162.05	3734202.01	1.26E-06	1.26E-06
467	498171.68	3734202.04	1.27E-06	1.27E-06
468	498181.31	3734202.06	1.28E-06	1.28E-06
469	498190.95	3734202.09	1.29E-06	1.29E-06
470	498200.58	3734202.12	1.30E-06	1.30E-06
471	498210.21	3734202.14	1.30E-06	1.30E-06
472	498219.84	3734202.17	1.31E-06	1.31E-06
473	498229.48	3734202.2	1.31E-06	1.31E-06
474	498239.11	3734202.22	1.31E-06	1.31E-06
475	498248.74	3734202.25	1.31E-06	1.31E-06
476	498258.37	3734202.28	1.31E-06	1.31E-06
477	498268.01	3734202.31	1.31E-06	1.31E-06
478	498277.64	3734202.33	1.31E-06	1.31E-06
479	498287.27	3734202.36	1.31E-06	1.31E-06
480	498153.28	3734235.86	1.18E-06	1.18E-06
481	498144.62	3734232.21	1.18E-06	1.18E-06
482	498135.95	3734228.56	1.17E-06	1.17E-06
483	498127.29	3734224.91	1.17E-06	1.17E-06
484	498118.63	3734221.26	1.17E-06	1.17E-06
485	498109.96	3734217.61	1.17E-06	1.17E-06
486	498101.3	3734213.96	1.16E-06	1.16E-06
487	498092.63	3734210.31	1.16E-06	1.16E-06
488	498083.97	3734206.66	1.15E-06	1.15E-06
489	498075.31	3734203.01	1.14E-06	1.14E-06
490	498066.64	3734199.35	1.14E-06	1.14E-06
491	498057.98	3734195.7	1.13E-06	1.13E-06
492	498049.32	3734192.05	1.12E-06	1.12E-06
493	498040.65	3734188.4	1.11E-06	1.11E-06
494	498031.99	3734184.75	1.10E-06	1.10E-06
495	498161.94	3734239.51	1.17E-06	1.17E-06
496	498171.58	3734239.54	1.18E-06	1.18E-06
497	498181.21	3734239.56	1.19E-06	1.19E-06
498	498190.84	3734239.59	1.19E-06	1.19E-06
499	498200.47	3734239.62	1.20E-06	1.20E-06
500	498210.11	3734239.64	1.20E-06	1.20E-06
501	498219.74	3734239.67	1.21E-06	1.21E-06
502	498229.37	3734239.7	1.21E-06	1.21E-06
503	498239	3734239.72	1.21E-06	1.21E-06
504	498248.64	3734239.75	1.21E-06	1.21E-06
505	498258.27	3734239.78	1.21E-06	1.21E-06
506	498267.9	3734239.81	1.21E-06	1.21E-06
507	498277.53	3734239.83	1.21E-06	1.21E-06
508	498287.17	3734239.86	1.20E-06	1.20E-06
509	498153.16	3734273.35	1.10E-06	1.10E-06
510	498144.48	3734269.69	1.10E-06	1.10E-06
511	498135.8	3734266.04	1.10E-06	1.10E-06
512	498127.12	3734262.38	1.10E-06	1.10E-06
513	498118.44	3734258.72	1.10E-06	1.10E-06
514	498109.76	3734255.07	1.09E-06	1.09E-06
515	498101.08	3734251.41	1.09E-06	1.09E-06
516	498092.41	3734247.75	1.09E-06	1.09E-06

517	498083.73	3734244.1	1.08E-06	1.08E-06
518	498075.05	3734240.44	1.08E-06	1.08E-06
519	498066.37	3734236.78	1.07E-06	1.07E-06
520	498057.69	3734233.13	1.06E-06	1.06E-06
521	498049.01	3734229.47	1.06E-06	1.06E-06
522	498040.33	3734225.81	1.05E-06	1.05E-06
523	498031.65	3734222.16	1.04E-06	1.04E-06
524	498161.84	3734277.01	1.10E-06	1.10E-06
525	498171.47	3734277.03	1.10E-06	1.10E-06
526	498181.1	3734277.06	1.11E-06	1.11E-06
527	498190.74	3734277.09	1.11E-06	1.11E-06
528	498200.37	3734277.12	1.11E-06	1.11E-06
529	498210	3734277.14	1.12E-06	1.12E-06
530	498219.63	3734277.17	1.12E-06	1.12E-06
531	498229.27	3734277.2	1.12E-06	1.12E-06
532	498238.9	3734277.22	1.12E-06	1.12E-06
533	498248.53	3734277.25	1.12E-06	1.12E-06
534	498258.16	3734277.28	1.12E-06	1.12E-06
535	498267.8	3734277.3	1.12E-06	1.12E-06
536	498277.43	3734277.33	1.12E-06	1.12E-06
537	498287.06	3734277.36	1.11E-06	1.11E-06
538	498153.04	3734310.85	1.03E-06	1.03E-06
539	498144.35	3734307.18	1.03E-06	1.03E-06
540	498135.66	3734303.52	1.03E-06	1.03E-06
541	498126.96	3734299.86	1.03E-06	1.03E-06
542	498118.27	3734296.2	1.03E-06	1.03E-06
543	498109.58	3734292.53	1.03E-06	1.03E-06
544	498100.88	3734288.87	1.02E-06	1.02E-06
545	498092.19	3734285.21	1.02E-06	1.02E-06
546	498083.5	3734281.55	1.02E-06	1.02E-06
547	498074.81	3734277.88	1.01E-06	1.01E-06
548	498066.11	3734274.22	1.01E-06	1.01E-06
549	498057.42	3734270.56	1.01E-06	1.01E-06
550	498048.73	3734266.9	1.00E-06	1.00E-06
551	498040.04	3734263.23	9.93E-07	9.93E-07
552	498031.34	3734259.57	9.87E-07	9.87E-07
553	498161.73	3734314.51	1.02E-06	1.02E-06
554	498171.37	3734314.53	1.03E-06	1.03E-06
555	498181	3734314.56	1.03E-06	1.03E-06
556	498190.63	3734314.59	1.03E-06	1.03E-06
557	498200.26	3734314.62	1.04E-06	1.04E-06
558	498209.9	3734314.64	1.04E-06	1.04E-06
559	498219.53	3734314.67	1.04E-06	1.04E-06
560	498229.16	3734314.7	1.04E-06	1.04E-06
561	498238.79	3734314.72	1.04E-06	1.04E-06
562	498248.43	3734314.75	1.04E-06	1.04E-06
563	498258.06	3734314.78	1.04E-06	1.04E-06
564	498267.69	3734314.8	1.04E-06	1.04E-06
565	498277.32	3734314.83	1.04E-06	1.04E-06
566	498286.96	3734314.86	1.03E-06	1.03E-06
567	498152.92	3734348.34	9.61E-07	9.61E-07
568	498144.22	3734344.67	9.63E-07	9.63E-07

569	498135.51	3734341.01	9.64E-07	9.64E-07
570	498126.81	3734337.34	9.65E-07	9.65E-07
571	498118.11	3734333.67	9.65E-07	9.65E-07
572	498109.4	3734330	9.65E-07	9.65E-07
573	498100.7	3734326.34	9.64E-07	9.64E-07
574	498091.99	3734322.67	9.62E-07	9.62E-07
575	498083.29	3734319	9.60E-07	9.60E-07
576	498074.58	3734315.33	9.58E-07	9.58E-07
577	498065.88	3734311.67	9.54E-07	9.54E-07
578	498057.17	3734308	9.50E-07	9.50E-07
579	498048.47	3734304.33	9.46E-07	9.46E-07
580	498039.77	3734300.66	9.41E-07	9.41E-07
581	498031.06	3734297	9.36E-07	9.36E-07
582	498161.63	3734352.01	9.59E-07	9.59E-07
583	498171.26	3734352.03	9.62E-07	9.62E-07
584	498180.89	3734352.06	9.65E-07	9.65E-07
585	498190.53	3734352.09	9.67E-07	9.67E-07
586	498200.16	3734352.12	9.69E-07	9.69E-07
587	498209.79	3734352.14	9.70E-07	9.70E-07
588	498219.42	3734352.17	9.71E-07	9.71E-07
589	498229.06	3734352.2	9.71E-07	9.71E-07
590	498238.69	3734352.22	9.70E-07	9.70E-07
591	498248.32	3734352.25	9.69E-07	9.69E-07
592	498257.95	3734352.28	9.68E-07	9.68E-07
593	498267.59	3734352.3	9.66E-07	9.66E-07
594	498277.22	3734352.33	9.63E-07	9.63E-07
595	498286.85	3734352.36	9.60E-07	9.60E-07
596	498152.65	3734405.44	8.74E-07	8.74E-07
597	498143.84	3734401.72	8.76E-07	8.76E-07
598	498135.03	3734398.01	8.78E-07	8.78E-07
599	498126.21	3734394.3	8.80E-07	8.80E-07
600	498117.4	3734390.58	8.81E-07	8.81E-07
601	498108.58	3734386.87	8.81E-07	8.81E-07
602	498099.77	3734383.16	8.81E-07	8.81E-07
603	498090.96	3734379.44	8.81E-07	8.81E-07
604	498082.14	3734375.73	8.80E-07	8.80E-07
605	498073.33	3734372.01	8.78E-07	8.78E-07
606	498064.51	3734368.3	8.76E-07	8.76E-07
607	498055.7	3734364.59	8.74E-07	8.74E-07
608	498046.89	3734360.87	8.71E-07	8.71E-07
609	498038.07	3734357.16	8.67E-07	8.67E-07
610	498161.47	3734409.15	8.71E-07	8.71E-07
611	498171.1	3734409.18	8.73E-07	8.73E-07
612	498180.73	3734409.2	8.75E-07	8.75E-07
613	498190.37	3734409.23	8.76E-07	8.76E-07
614	498200	3734409.26	8.77E-07	8.77E-07
615	498209.63	3734409.29	8.78E-07	8.78E-07
616	498219.26	3734409.31	8.78E-07	8.78E-07
617	498228.9	3734409.34	8.77E-07	8.77E-07
618	498238.53	3734409.37	8.76E-07	8.76E-07
619	498248.16	3734409.39	8.75E-07	8.75E-07
620	498257.79	3734409.42	8.73E-07	8.73E-07

621	498267.43	3734409.45	8.71E-07	8.71E-07
622	498277.06	3734409.47	8.68E-07	8.68E-07
623	498286.69	3734409.5	8.65E-07	8.65E-07
624	498152.55	3734462.6	7.98E-07	7.98E-07
625	498143.8	3734458.92	8.01E-07	8.01E-07
626	498135.04	3734455.23	8.03E-07	8.03E-07
627	498126.29	3734451.54	8.05E-07	8.05E-07
628	498117.54	3734447.85	8.07E-07	8.07E-07
629	498108.78	3734444.16	8.08E-07	8.08E-07
630	498100.03	3734440.47	8.08E-07	8.08E-07
631	498091.27	3734436.78	8.09E-07	8.09E-07
632	498082.52	3734433.1	8.09E-07	8.09E-07
633	498073.76	3734429.41	8.08E-07	8.08E-07
634	498065.01	3734425.72	8.07E-07	8.07E-07
635	498056.25	3734422.03	8.06E-07	8.06E-07
636	498047.5	3734418.34	8.04E-07	8.04E-07
637	498038.75	3734414.65	8.02E-07	8.02E-07
638	498161.31	3734466.29	7.95E-07	7.95E-07
639	498170.94	3734466.32	7.97E-07	7.97E-07
640	498180.57	3734466.35	7.98E-07	7.98E-07
641	498190.21	3734466.37	7.98E-07	7.98E-07
642	498199.84	3734466.4	7.98E-07	7.98E-07
643	498209.47	3734466.43	7.98E-07	7.98E-07
644	498219.1	3734466.45	7.98E-07	7.98E-07
645	498228.74	3734466.48	7.97E-07	7.97E-07
646	498238.37	3734466.51	7.96E-07	7.96E-07
647	498248	3734466.54	7.94E-07	7.94E-07
648	498257.63	3734466.56	7.92E-07	7.92E-07
649	498267.27	3734466.59	7.90E-07	7.90E-07
650	498276.9	3734466.62	7.87E-07	7.87E-07
651	498286.53	3734466.64	7.85E-07	7.85E-07
652	498152.3	3734519.71	7.32E-07	7.32E-07
653	498143.46	3734515.98	7.35E-07	7.35E-07
654	498134.61	3734512.26	7.38E-07	7.38E-07
655	498125.77	3734508.53	7.40E-07	7.40E-07
656	498116.92	3734504.8	7.41E-07	7.41E-07
657	498108.08	3734501.08	7.43E-07	7.43E-07
658	498099.23	3734497.35	7.44E-07	7.44E-07
659	498090.39	3734493.62	7.45E-07	7.45E-07
660	498081.54	3734489.9	7.45E-07	7.45E-07
661	498072.7	3734486.17	7.46E-07	7.46E-07
662	498063.85	3734482.44	7.45E-07	7.45E-07
663	498055.01	3734478.72	7.45E-07	7.45E-07
664	498046.16	3734474.99	7.44E-07	7.44E-07
665	498037.32	3734471.26	7.43E-07	7.43E-07
666	498161.15	3734523.44	7.29E-07	7.29E-07
667	498170.78	3734523.46	7.30E-07	7.30E-07
668	498180.41	3734523.49	7.30E-07	7.30E-07
669	498190.05	3734523.52	7.31E-07	7.31E-07
670	498199.68	3734523.54	7.30E-07	7.30E-07
671	498209.31	3734523.57	7.30E-07	7.30E-07
672	498218.94	3734523.6	7.29E-07	7.29E-07

673	498228.58	3734523.62	7.28E-07	7.28E-07
674	498238.21	3734523.65	7.27E-07	7.27E-07
675	498247.84	3734523.68	7.25E-07	7.25E-07
676	498257.47	3734523.71	7.23E-07	7.23E-07
677	498267.11	3734523.73	7.21E-07	7.21E-07
678	498276.74	3734523.76	7.18E-07	7.18E-07
679	498286.37	3734523.79	7.15E-07	7.15E-07
680	498037.91	3734528.72	6.89E-07	6.89E-07
681	498369.66	3733847.41	4.07E-06	4.07E-06
682	498401.69	3733855.62	3.76E-06	3.76E-06
683	498392.48	3733859	3.75E-06	3.75E-06
684	498383.26	3733862.39	3.73E-06	3.73E-06
685	498374.05	3733865.78	3.71E-06	3.71E-06
686	498364.84	3733869.16	3.68E-06	3.68E-06
687	498405.82	3733874.08	3.42E-06	3.42E-06
688	498396.68	3733877.44	3.42E-06	3.42E-06
689	498387.55	3733880.79	3.41E-06	3.41E-06
690	498378.41	3733884.15	3.39E-06	3.39E-06
691	498369.27	3733887.51	3.37E-06	3.37E-06
692	498409.99	3733892.52	3.13E-06	3.13E-06
693	498400.91	3733895.86	3.13E-06	3.13E-06
694	498391.83	3733899.2	3.12E-06	3.12E-06
695	498382.75	3733902.54	3.11E-06	3.11E-06
696	498373.67	3733905.87	3.10E-06	3.10E-06
697	498364.59	3733909.21	3.08E-06	3.08E-06
698	498405.15	3733914.28	2.87E-06	2.87E-06
699	498396.12	3733917.6	2.88E-06	2.88E-06
700	498387.08	3733920.92	2.87E-06	2.87E-06
701	498378.05	3733924.25	2.86E-06	2.86E-06
702	498369.01	3733927.57	2.85E-06	2.85E-06
703	498406.68	3733933.7	2.65E-06	2.65E-06
704	498397.35	3733937.13	2.66E-06	2.66E-06
705	498388.03	3733940.55	2.65E-06	2.65E-06
706	498378.71	3733943.98	2.65E-06	2.65E-06
707	498369.38	3733947.41	2.64E-06	2.64E-06
708	498401.66	3733955.52	2.46E-06	2.46E-06
709	498392.39	3733958.93	2.46E-06	2.46E-06
710	498383.13	3733962.33	2.46E-06	2.46E-06
711	498373.87	3733965.74	2.46E-06	2.46E-06
712	498364.61	3733969.14	2.45E-06	2.45E-06
713	498405.96	3733973.92	2.29E-06	2.29E-06
714	498396.75	3733977.31	2.29E-06	2.29E-06
715	498387.53	3733980.7	2.29E-06	2.29E-06
716	498378.32	3733984.08	2.29E-06	2.29E-06
717	498369.11	3733987.47	2.29E-06	2.29E-06
718	498401.09	3733995.69	2.14E-06	2.14E-06
719	498391.92	3733999.06	2.14E-06	2.14E-06
720	498382.75	3734002.43	2.14E-06	2.14E-06
721	498373.57	3734005.81	2.14E-06	2.14E-06
722	498364.4	3734009.18	2.13E-06	2.13E-06
723	498405.43	3734014.08	2.01E-06	2.01E-06
724	498396.29	3734017.44	2.01E-06	2.01E-06

725	498387.15	3734020.79	2.01E-06	2.01E-06
726	498378.02	3734024.15	2.01E-06	2.01E-06
727	498368.88	3734027.51	2.00E-06	2.00E-06
728	498406.4	3734033.7	1.88E-06	1.88E-06
729	498397.07	3734037.13	1.89E-06	1.89E-06
730	498387.75	3734040.55	1.89E-06	1.89E-06
731	498378.43	3734043.98	1.89E-06	1.89E-06
732	498369.1	3734047.41	1.89E-06	1.89E-06
733	498405.49	3734071.49	1.69E-06	1.69E-06
734	498396.31	3734074.87	1.69E-06	1.69E-06
735	498387.13	3734078.24	1.69E-06	1.69E-06
736	498377.96	3734081.62	1.69E-06	1.69E-06
737	498368.78	3734084.99	1.69E-06	1.69E-06
738	498401.08	3734110.58	1.52E-06	1.52E-06
739	498391.85	3734113.97	1.53E-06	1.53E-06
740	498382.61	3734117.36	1.53E-06	1.53E-06
741	498373.38	3734120.76	1.53E-06	1.53E-06
742	498364.14	3734124.15	1.53E-06	1.53E-06
743	498424.42	3734139.46	1.37E-06	1.37E-06
744	498415.14	3734142.87	1.38E-06	1.38E-06
745	498405.86	3734146.28	1.38E-06	1.38E-06
746	498396.58	3734149.69	1.38E-06	1.38E-06
747	498627.79	3734062.85	1.05E-06	1.05E-06
748	498643.71	3734096.31	9.55E-07	9.55E-07
749	498634.39	3734099.74	9.73E-07	9.73E-07
750	498531.83	3734137.44	1.15E-06	1.15E-06
751	498522.51	3734140.86	1.16E-06	1.16E-06
752	498513.19	3734144.29	1.17E-06	1.17E-06
753	498503.87	3734147.72	1.19E-06	1.19E-06
754	498494.54	3734151.14	1.20E-06	1.20E-06
755	498485.22	3734154.57	1.21E-06	1.21E-06
756	498475.9	3734158	1.22E-06	1.22E-06
757	498466.57	3734161.42	1.22E-06	1.22E-06
758	498457.25	3734164.85	1.23E-06	1.23E-06
759	498447.93	3734168.28	1.24E-06	1.24E-06
760	498438.6	3734171.71	1.25E-06	1.25E-06
761	498429.28	3734175.13	1.25E-06	1.25E-06
762	498419.96	3734178.56	1.26E-06	1.26E-06
763	498410.64	3734181.99	1.26E-06	1.26E-06
764	498401.31	3734185.41	1.26E-06	1.26E-06
765	498652.16	3734091.36	9.41E-07	9.41E-07
766	498668.06	3734124.82	8.58E-07	8.58E-07
767	498658.7	3734128.26	8.74E-07	8.74E-07
768	498649.34	3734131.7	8.90E-07	8.90E-07
769	498639.99	3734135.14	9.06E-07	9.06E-07
770	498630.63	3734138.58	9.21E-07	9.21E-07
771	498555.77	3734166.1	1.03E-06	1.03E-06
772	498546.42	3734169.54	1.04E-06	1.04E-06
773	498537.06	3734172.98	1.06E-06	1.06E-06
774	498527.7	3734176.42	1.07E-06	1.07E-06
775	498518.34	3734179.85	1.08E-06	1.08E-06
776	498508.99	3734183.29	1.09E-06	1.09E-06

777	498499.63	3734186.73	1.10E-06	1.10E-06
778	498490.27	3734190.17	1.11E-06	1.11E-06
779	498480.92	3734193.61	1.11E-06	1.11E-06
780	498471.56	3734197.05	1.12E-06	1.12E-06
781	498462.2	3734200.49	1.13E-06	1.13E-06
782	498452.84	3734203.93	1.14E-06	1.14E-06
783	498443.49	3734207.37	1.14E-06	1.14E-06
784	498434.13	3734210.81	1.15E-06	1.15E-06
785	498424.77	3734214.25	1.15E-06	1.15E-06
786	498415.42	3734217.69	1.16E-06	1.16E-06
787	498406.06	3734221.13	1.16E-06	1.16E-06
788	498396.7	3734224.57	1.16E-06	1.16E-06
789	498676.53	3734119.86	8.45E-07	8.45E-07
790	498692.47	3734153.31	7.75E-07	7.75E-07
791	498683.22	3734156.71	7.90E-07	7.90E-07
792	498673.96	3734160.11	8.04E-07	8.04E-07
793	498664.7	3734163.52	8.18E-07	8.18E-07
794	498655.44	3734166.92	8.31E-07	8.31E-07
795	498646.18	3734170.33	8.45E-07	8.45E-07
796	498636.92	3734173.73	8.58E-07	8.58E-07
797	498627.66	3734177.13	8.71E-07	8.71E-07
798	498553.58	3734204.37	9.63E-07	9.63E-07
799	498544.32	3734207.77	9.73E-07	9.73E-07
800	498535.06	3734211.17	9.83E-07	9.83E-07
801	498525.8	3734214.58	9.92E-07	9.92E-07
802	498516.54	3734217.98	1.00E-06	1.00E-06
803	498507.28	3734221.38	1.01E-06	1.01E-06
804	498498.02	3734224.79	1.02E-06	1.02E-06
805	498488.76	3734228.19	1.02E-06	1.02E-06
806	498479.5	3734231.6	1.03E-06	1.03E-06
807	498470.24	3734235	1.04E-06	1.04E-06
808	498460.98	3734238.4	1.04E-06	1.04E-06
809	498451.72	3734241.81	1.05E-06	1.05E-06
810	498442.46	3734245.21	1.05E-06	1.05E-06
811	498433.2	3734248.62	1.06E-06	1.06E-06
812	498423.94	3734252.02	1.06E-06	1.06E-06
813	498414.68	3734255.42	1.07E-06	1.07E-06
814	498405.42	3734258.83	1.07E-06	1.07E-06
815	498396.16	3734262.23	1.07E-06	1.07E-06
816	498700.89	3734148.37	7.64E-07	7.64E-07
817	498716.83	3734181.82	7.05E-07	7.05E-07
818	498707.53	3734185.23	7.18E-07	7.18E-07
819	498698.24	3734188.65	7.30E-07	7.30E-07
820	498688.95	3734192.07	7.43E-07	7.43E-07
821	498679.65	3734195.48	7.55E-07	7.55E-07
822	498670.36	3734198.9	7.67E-07	7.67E-07
823	498661.07	3734202.31	7.79E-07	7.79E-07
824	498651.77	3734205.73	7.91E-07	7.91E-07
825	498642.48	3734209.15	8.02E-07	8.02E-07
826	498633.19	3734212.56	8.13E-07	8.13E-07
827	498549.54	3734243.31	9.03E-07	9.03E-07
828	498540.25	3734246.72	9.11E-07	9.11E-07

829	498530.96	3734250.14	9.19E-07	9.19E-07
830	498521.66	3734253.56	9.27E-07	9.27E-07
831	498512.37	3734256.97	9.34E-07	9.34E-07
832	498503.08	3734260.39	9.41E-07	9.41E-07
833	498493.78	3734263.81	9.48E-07	9.48E-07
834	498484.49	3734267.22	9.54E-07	9.54E-07
835	498475.2	3734270.64	9.60E-07	9.60E-07
836	498465.9	3734274.05	9.65E-07	9.65E-07
837	498456.61	3734277.47	9.70E-07	9.70E-07
838	498447.32	3734280.89	9.74E-07	9.74E-07
839	498438.02	3734284.3	9.79E-07	9.79E-07
840	498428.73	3734287.72	9.82E-07	9.82E-07
841	498419.44	3734291.13	9.86E-07	9.86E-07
842	498410.14	3734294.55	9.88E-07	9.88E-07
843	498400.85	3734297.97	9.91E-07	9.91E-07
844	498725.26	3734176.87	6.95E-07	6.95E-07
845	498741.18	3734210.33	6.44E-07	6.44E-07
846	498731.86	3734213.75	6.56E-07	6.56E-07
847	498722.53	3734217.18	6.67E-07	6.67E-07
848	498713.21	3734220.61	6.78E-07	6.78E-07
849	498703.89	3734224.03	6.89E-07	6.89E-07
850	498694.56	3734227.46	7.00E-07	7.00E-07
851	498685.24	3734230.89	7.11E-07	7.11E-07
852	498675.92	3734234.32	7.21E-07	7.21E-07
853	498666.6	3734237.74	7.32E-07	7.32E-07
854	498657.27	3734241.17	7.42E-07	7.42E-07
855	498647.95	3734244.6	7.52E-07	7.52E-07
856	498638.63	3734248.02	7.62E-07	7.62E-07
857	498629.3	3734251.45	7.72E-07	7.72E-07
858	498554.72	3734278.87	8.40E-07	8.40E-07
859	498545.4	3734282.29	8.48E-07	8.48E-07
860	498536.07	3734285.72	8.55E-07	8.55E-07
861	498526.75	3734289.15	8.61E-07	8.61E-07
862	498517.43	3734292.57	8.68E-07	8.68E-07
863	498508.11	3734296	8.74E-07	8.74E-07
864	498498.78	3734299.43	8.80E-07	8.80E-07
865	498489.46	3734302.86	8.85E-07	8.85E-07
866	498480.14	3734306.28	8.91E-07	8.91E-07
867	498470.81	3734309.71	8.95E-07	8.95E-07
868	498461.49	3734313.14	9.00E-07	9.00E-07
869	498452.17	3734316.56	9.04E-07	9.04E-07
870	498442.85	3734319.99	9.08E-07	9.08E-07
871	498433.52	3734323.42	9.12E-07	9.12E-07
872	498424.2	3734326.85	9.15E-07	9.15E-07
873	498414.88	3734330.27	9.17E-07	9.17E-07
874	498405.55	3734333.7	9.20E-07	9.20E-07
875	498396.23	3734337.13	9.22E-07	9.22E-07
876	498749.63	3734205.37	6.35E-07	6.35E-07
877	498778.31	3734253.76	5.66E-07	5.66E-07
878	498768.99	3734257.19	5.76E-07	5.76E-07
879	498759.66	3734260.62	5.86E-07	5.86E-07
880	498750.34	3734264.04	5.95E-07	5.95E-07

881	498741.02	3734267.47	6.05E-07	6.05E-07
882	498731.7	3734270.9	6.14E-07	6.14E-07
883	498722.37	3734274.32	6.23E-07	6.23E-07
884	498713.05	3734277.75	6.32E-07	6.32E-07
885	498703.73	3734281.18	6.41E-07	6.41E-07
886	498694.4	3734284.6	6.50E-07	6.50E-07
887	498685.08	3734288.03	6.59E-07	6.59E-07
888	498675.76	3734291.46	6.68E-07	6.68E-07
889	498666.44	3734294.89	6.76E-07	6.76E-07
890	498657.11	3734298.31	6.84E-07	6.84E-07
891	498647.79	3734301.74	6.93E-07	6.93E-07
892	498638.47	3734305.17	7.00E-07	7.00E-07
893	498554.56	3734336.01	7.63E-07	7.63E-07
894	498545.24	3734339.44	7.69E-07	7.69E-07
895	498535.91	3734342.86	7.75E-07	7.75E-07
896	498526.59	3734346.29	7.80E-07	7.80E-07
897	498517.27	3734349.72	7.85E-07	7.85E-07
898	498507.95	3734353.14	7.90E-07	7.90E-07
899	498498.62	3734356.57	7.95E-07	7.95E-07
900	498489.3	3734360	7.99E-07	7.99E-07
901	498479.98	3734363.43	8.04E-07	8.04E-07
902	498470.65	3734366.85	8.08E-07	8.08E-07
903	498461.33	3734370.28	8.11E-07	8.11E-07
904	498452.01	3734373.71	8.15E-07	8.15E-07
905	498442.69	3734377.13	8.18E-07	8.18E-07
906	498433.36	3734380.56	8.21E-07	8.21E-07
907	498424.04	3734383.99	8.24E-07	8.24E-07
908	498414.72	3734387.41	8.26E-07	8.26E-07
909	498405.39	3734390.84	8.28E-07	8.28E-07
910	498396.07	3734394.27	8.30E-07	8.30E-07
911	498786.76	3734248.81	5.59E-07	5.59E-07
912	498815.44	3734297.2	5.02E-07	5.02E-07
913	498806.12	3734300.62	5.11E-07	5.11E-07
914	498796.8	3734304.05	5.19E-07	5.19E-07
915	498787.47	3734307.48	5.27E-07	5.27E-07
916	498778.15	3734310.9	5.35E-07	5.35E-07
917	498768.83	3734314.33	5.43E-07	5.43E-07
918	498759.5	3734317.76	5.51E-07	5.51E-07
919	498750.18	3734321.18	5.59E-07	5.59E-07
920	498740.86	3734324.61	5.67E-07	5.67E-07
921	498731.54	3734328.04	5.75E-07	5.75E-07
922	498722.21	3734331.47	5.83E-07	5.83E-07
923	498712.89	3734334.89	5.90E-07	5.90E-07
924	498703.57	3734338.32	5.98E-07	5.98E-07
925	498694.24	3734341.75	6.05E-07	6.05E-07
926	498684.92	3734345.17	6.12E-07	6.12E-07
927	498675.6	3734348.6	6.19E-07	6.19E-07
928	498666.27	3734352.03	6.26E-07	6.26E-07
929	498656.95	3734355.46	6.33E-07	6.33E-07
930	498647.63	3734358.88	6.39E-07	6.39E-07
931	498638.31	3734362.31	6.46E-07	6.46E-07
932	498554.4	3734393.15	6.96E-07	6.96E-07

933	498545.08	3734396.58	7.01E-07	7.01E-07
934	498535.75	3734400.01	7.06E-07	7.06E-07
935	498526.43	3734403.43	7.10E-07	7.10E-07
936	498517.11	3734406.86	7.15E-07	7.15E-07
937	498507.79	3734410.29	7.19E-07	7.19E-07
938	498498.46	3734413.71	7.23E-07	7.23E-07
939	498489.14	3734417.14	7.26E-07	7.26E-07
940	498479.82	3734420.57	7.30E-07	7.30E-07
941	498470.49	3734424	7.33E-07	7.33E-07
942	498461.17	3734427.42	7.36E-07	7.36E-07
943	498451.85	3734430.85	7.39E-07	7.39E-07
944	498442.53	3734434.28	7.42E-07	7.42E-07
945	498433.2	3734437.7	7.44E-07	7.44E-07
946	498423.88	3734441.13	7.47E-07	7.47E-07
947	498414.56	3734444.56	7.49E-07	7.49E-07
948	498405.23	3734447.98	7.50E-07	7.50E-07
949	498395.91	3734451.41	7.52E-07	7.52E-07
950	498823.89	3734292.24	4.95E-07	4.95E-07
951	498852.57	3734340.63	4.49E-07	4.49E-07
952	498843.25	3734344.06	4.56E-07	4.56E-07
953	498833.93	3734347.48	4.63E-07	4.63E-07
954	498824.6	3734350.91	4.70E-07	4.70E-07
955	498815.28	3734354.34	4.78E-07	4.78E-07
956	498805.96	3734357.77	4.85E-07	4.85E-07
957	498796.64	3734361.19	4.92E-07	4.92E-07
958	498787.31	3734364.62	4.99E-07	4.99E-07
959	498777.99	3734368.05	5.05E-07	5.05E-07
960	498768.67	3734371.47	5.12E-07	5.12E-07
961	498759.34	3734374.9	5.19E-07	5.19E-07
962	498750.02	3734378.33	5.26E-07	5.26E-07
963	498740.7	3734381.75	5.32E-07	5.32E-07
964	498731.38	3734385.18	5.39E-07	5.39E-07
965	498722.05	3734388.61	5.45E-07	5.45E-07
966	498712.73	3734392.04	5.51E-07	5.51E-07
967	498703.41	3734395.46	5.57E-07	5.57E-07
968	498694.08	3734398.89	5.63E-07	5.63E-07
969	498684.76	3734402.32	5.69E-07	5.69E-07
970	498675.44	3734405.74	5.75E-07	5.75E-07
971	498666.11	3734409.17	5.81E-07	5.81E-07
972	498656.79	3734412.6	5.86E-07	5.86E-07
973	498647.47	3734416.02	5.92E-07	5.92E-07
974	498638.15	3734419.45	5.97E-07	5.97E-07
975	498554.24	3734450.29	6.39E-07	6.39E-07
976	498544.92	3734453.72	6.43E-07	6.43E-07
977	498535.59	3734457.15	6.47E-07	6.47E-07
978	498526.27	3734460.58	6.50E-07	6.50E-07
979	498516.95	3734464	6.54E-07	6.54E-07
980	498507.63	3734467.43	6.57E-07	6.57E-07
981	498498.3	3734470.86	6.60E-07	6.60E-07
982	498488.98	3734474.28	6.63E-07	6.63E-07
983	498479.66	3734477.71	6.66E-07	6.66E-07
984	498470.33	3734481.14	6.69E-07	6.69E-07

985	498461.01	3734484.56	6.72E-07	6.72E-07
986	498451.69	3734487.99	6.74E-07	6.74E-07
987	498442.37	3734491.42	6.77E-07	6.77E-07
988	498433.04	3734494.85	6.79E-07	6.79E-07
989	498423.72	3734498.27	6.81E-07	6.81E-07
990	498414.4	3734501.7	6.83E-07	6.83E-07
991	498405.07	3734505.13	6.84E-07	6.84E-07
992	498861.02	3734335.68	4.43E-07	4.43E-07
993	498889.7	3734384.07	4.04E-07	4.04E-07
994	498880.38	3734387.49	4.10E-07	4.10E-07
995	498871.06	3734390.92	4.16E-07	4.16E-07
996	498861.74	3734394.35	4.23E-07	4.23E-07
997	498852.41	3734397.77	4.29E-07	4.29E-07
998	498843.09	3734401.2	4.35E-07	4.35E-07
999	498833.77	3734404.63	4.41E-07	4.41E-07
1000	498824.44	3734408.05	4.47E-07	4.47E-07
1001	498815.12	3734411.48	4.54E-07	4.54E-07
1002	498805.8	3734414.91	4.60E-07	4.60E-07
1003	498796.48	3734418.34	4.66E-07	4.66E-07
1004	498787.15	3734421.76	4.71E-07	4.71E-07
1005	498777.83	3734425.19	4.77E-07	4.77E-07
1006	498768.51	3734428.62	4.83E-07	4.83E-07
1007	498759.18	3734432.04	4.89E-07	4.89E-07
1008	498749.86	3734435.47	4.94E-07	4.94E-07
1009	498740.54	3734438.9	5.00E-07	5.00E-07
1010	498731.21	3734442.32	5.05E-07	5.05E-07
1011	498721.89	3734445.75	5.10E-07	5.10E-07
1012	498712.57	3734449.18	5.16E-07	5.16E-07
1013	498703.25	3734452.61	5.21E-07	5.21E-07
1014	498693.92	3734456.03	5.26E-07	5.26E-07
1015	498684.6	3734459.46	5.31E-07	5.31E-07
1016	498675.28	3734462.89	5.35E-07	5.35E-07
1017	498665.95	3734466.31	5.40E-07	5.40E-07
1018	498656.63	3734469.74	5.45E-07	5.45E-07
1019	498647.31	3734473.17	5.49E-07	5.49E-07
1020	498637.99	3734476.59	5.54E-07	5.54E-07
1021	498554.08	3734507.44	5.88E-07	5.88E-07
1022	498544.76	3734510.86	5.92E-07	5.92E-07
1023	498535.43	3734514.29	5.95E-07	5.95E-07
1024	498526.11	3734517.72	5.98E-07	5.98E-07
1025	498516.79	3734521.15	6.01E-07	6.01E-07
1026	498507.47	3734524.57	6.04E-07	6.04E-07
1027	498498.14	3734528	6.07E-07	6.07E-07
1028	498898.16	3734379.11	3.98E-07	3.98E-07
1029	498926.84	3734427.5	3.65E-07	3.65E-07
1030	498917.51	3734430.93	3.71E-07	3.71E-07
1031	498908.19	3734434.35	3.76E-07	3.76E-07
1032	498898.87	3734437.78	3.82E-07	3.82E-07
1033	498889.54	3734441.21	3.88E-07	3.88E-07
1034	498880.22	3734444.63	3.93E-07	3.93E-07
1035	498870.9	3734448.06	3.99E-07	3.99E-07
1036	498861.58	3734451.49	4.04E-07	4.04E-07

1037	498852.25	3734454.92	4.09E-07	4.09E-07
1038	498842.93	3734458.34	4.15E-07	4.15E-07
1039	498833.61	3734461.77	4.20E-07	4.20E-07
1040	498824.28	3734465.2	4.25E-07	4.25E-07
1041	498814.96	3734468.62	4.31E-07	4.31E-07
1042	498805.64	3734472.05	4.36E-07	4.36E-07
1043	498796.31	3734475.48	4.41E-07	4.41E-07
1044	498786.99	3734478.9	4.46E-07	4.46E-07
1045	498777.67	3734482.33	4.51E-07	4.51E-07
1046	498768.35	3734485.76	4.56E-07	4.56E-07
1047	498759.02	3734489.19	4.60E-07	4.60E-07
1048	498749.7	3734492.61	4.65E-07	4.65E-07
1049	498740.38	3734496.04	4.70E-07	4.70E-07
1050	498731.05	3734499.47	4.74E-07	4.74E-07
1051	498721.73	3734502.89	4.79E-07	4.79E-07
1052	498712.41	3734506.32	4.83E-07	4.83E-07
1053	498703.09	3734509.75	4.87E-07	4.87E-07
1054	498693.76	3734513.17	4.92E-07	4.92E-07
1055	498684.44	3734516.6	4.96E-07	4.96E-07
1056	498675.12	3734520.03	5.00E-07	5.00E-07
1057	498665.79	3734523.46	5.04E-07	5.04E-07
1058	498656.47	3734526.88	5.07E-07	5.07E-07
1059	498935.29	3734422.55	3.61E-07	3.61E-07
1060	498963.97	3734470.93	3.33E-07	3.33E-07
1061	498954.64	3734474.36	3.37E-07	3.37E-07
1062	498945.32	3734477.79	3.42E-07	3.42E-07
1063	498936	3734481.22	3.47E-07	3.47E-07
1064	498926.68	3734484.64	3.52E-07	3.52E-07
1065	498917.35	3734488.07	3.57E-07	3.57E-07
1066	498908.03	3734491.5	3.62E-07	3.62E-07
1067	498898.71	3734494.92	3.67E-07	3.67E-07
1068	498889.38	3734498.35	3.72E-07	3.72E-07
1069	498880.06	3734501.78	3.76E-07	3.76E-07
1070	498870.74	3734505.2	3.81E-07	3.81E-07
1071	498861.42	3734508.63	3.86E-07	3.86E-07
1072	498852.09	3734512.06	3.90E-07	3.90E-07
1073	498842.77	3734515.49	3.95E-07	3.95E-07
1074	498833.45	3734518.91	4.00E-07	4.00E-07
1075	498824.12	3734522.34	4.04E-07	4.04E-07
1076	498814.8	3734525.77	4.09E-07	4.09E-07
1077	498805.48	3734529.19	4.13E-07	4.13E-07
1078	498740.22	3734553.18	4.42E-07	4.42E-07
1079	498730.89	3734556.61	4.46E-07	4.46E-07
1080	498721.57	3734560.04	4.50E-07	4.50E-07
1081	498712.25	3734563.46	4.53E-07	4.53E-07
1082	498702.93	3734566.89	4.57E-07	4.57E-07
1083	498693.6	3734570.32	4.61E-07	4.61E-07
1084	498684.28	3734573.74	4.64E-07	4.64E-07
1085	498674.96	3734577.17	4.67E-07	4.67E-07
1086	498665.63	3734580.6	4.71E-07	4.71E-07
1087	498656.31	3734584.03	4.74E-07	4.74E-07
1088	498646.99	3734587.45	4.77E-07	4.77E-07

1089	498637.67	3734590.88	4.80E-07	4.80E-07
1090	498628.34	3734594.31	4.83E-07	4.83E-07
1091	498619.02	3734597.73	4.86E-07	4.86E-07
1092	498609.7	3734601.16	4.89E-07	4.89E-07
1093	498600.37	3734604.59	4.92E-07	4.92E-07
1094	498591.05	3734608.01	4.95E-07	4.95E-07
1095	498972.42	3734465.98	3.28E-07	3.28E-07
1096	499001.1	3734514.37	3.04E-07	3.04E-07
1097	498991.78	3734517.8	3.08E-07	3.08E-07
1098	498982.45	3734521.22	3.13E-07	3.13E-07
1099	498973.13	3734524.65	3.17E-07	3.17E-07
1100	498963.81	3734528.08	3.22E-07	3.22E-07
1101	498889.22	3734555.49	3.56E-07	3.56E-07
1102	498879.9	3734558.92	3.60E-07	3.60E-07
1103	498870.58	3734562.35	3.64E-07	3.64E-07
1104	498861.25	3734565.77	3.68E-07	3.68E-07
1105	498851.93	3734569.2	3.72E-07	3.72E-07
1106	498842.61	3734572.63	3.76E-07	3.76E-07
1107	498833.29	3734576.06	3.80E-07	3.80E-07
1108	498823.96	3734579.48	3.84E-07	3.84E-07
1109	498814.64	3734582.91	3.88E-07	3.88E-07
1110	498805.32	3734586.34	3.92E-07	3.92E-07
1111	498795.99	3734589.76	3.95E-07	3.95E-07
1112	498786.67	3734593.19	3.99E-07	3.99E-07
1113	498777.35	3734596.62	4.03E-07	4.03E-07
1114	498768.03	3734600.04	4.06E-07	4.06E-07
1115	498758.7	3734603.47	4.10E-07	4.10E-07
1116	498749.38	3734606.9	4.13E-07	4.13E-07
1117	498740.06	3734610.33	4.16E-07	4.16E-07
1118	498730.73	3734613.75	4.20E-07	4.20E-07
1119	498721.41	3734617.18	4.23E-07	4.23E-07
1120	498712.09	3734620.61	4.26E-07	4.26E-07
1121	498702.77	3734624.03	4.29E-07	4.29E-07
1122	498693.44	3734627.46	4.32E-07	4.32E-07
1123	498684.12	3734630.89	4.35E-07	4.35E-07
1124	498674.8	3734634.31	4.38E-07	4.38E-07
1125	498665.47	3734637.74	4.41E-07	4.41E-07
1126	498656.15	3734641.17	4.44E-07	4.44E-07
1127	498646.83	3734644.6	4.46E-07	4.46E-07
1128	498637.51	3734648.02	4.49E-07	4.49E-07
1129	498628.18	3734651.45	4.52E-07	4.52E-07
1130	498618.86	3734654.88	4.54E-07	4.54E-07
1131	498609.54	3734658.3	4.57E-07	4.57E-07
1132	498600.21	3734661.73	4.59E-07	4.59E-07
1133	498590.89	3734665.16	4.61E-07	4.61E-07
1134	499009.55	3734509.42	3.00E-07	3.00E-07
1135	498646.29	3734143.71	8.80E-07	8.80E-07
1136	498668.33	3734174.05	7.98E-07	7.98E-07
1137	498690.37	3734204.39	7.28E-07	7.28E-07
1138	498712.41	3734234.73	6.68E-07	6.68E-07
1139	498746	3734280.96	5.89E-07	5.89E-07
1140	498779.58	3734327.19	5.25E-07	5.25E-07

1141	498813.17	3734373.42	4.71E-07	4.71E-07
1142	498846.76	3734419.65	4.26E-07	4.26E-07
1143	498880.34	3734465.88	3.87E-07	3.87E-07
1144	498913.93	3734512.11	3.53E-07	3.53E-07
1145	498947.52	3734558.34	3.24E-07	3.24E-07
1146	498489.03	3734138.61	1.24E-06	1.24E-06
1147	498500.24	3734174.4	1.13E-06	1.13E-06
1148	498508.89	3734171.69	1.12E-06	1.12E-06
1149	498511.46	3734210.18	1.03E-06	1.03E-06
1150	498520.11	3734207.47	1.02E-06	1.02E-06
1151	498545.09	3734317.54	7.98E-07	7.98E-07
1152	498553.74	3734314.83	7.91E-07	7.91E-07
1153	498664.68	3734699.24	4.12E-07	4.12E-07
1154	498673.33	3734696.53	4.10E-07	4.10E-07
1155	498447.97	3734148.15	1.30E-06	1.30E-06
1156	498459.88	3734145.99	1.28E-06	1.28E-06
1157	498454.66	3734185.05	1.18E-06	1.18E-06
1158	498466.57	3734182.89	1.17E-06	1.17E-06
1159	498461.35	3734221.95	1.08E-06	1.08E-06
1160	498473.26	3734219.79	1.07E-06	1.07E-06
1161	498468.05	3734258.84	9.92E-07	9.92E-07
1162	498479.96	3734256.68	9.80E-07	9.80E-07
1163	498474.74	3734295.74	9.15E-07	9.15E-07
1164	498486.65	3734293.58	9.04E-07	9.04E-07
1165	498481.43	3734332.64	8.47E-07	8.47E-07
1166	498493.34	3734330.48	8.38E-07	8.38E-07
1167	498491.63	3734388.87	7.59E-07	7.59E-07
1168	498503.54	3734386.71	7.51E-07	7.51E-07
1169	498501.82	3734445.09	6.85E-07	6.85E-07
1170	498513.73	3734442.93	6.78E-07	6.78E-07
1171	498512.02	3734501.32	6.22E-07	6.22E-07
1172	498523.93	3734499.16	6.16E-07	6.16E-07
1173	498443.98	3734186.39	1.20E-06	1.20E-06
1174	498448.79	3734223.58	1.09E-06	1.09E-06
1175	498453.6	3734260.77	1.01E-06	1.01E-06
1176	498458.41	3734297.96	9.30E-07	9.30E-07
1177	498463.22	3734335.15	8.62E-07	8.62E-07
1178	498470.55	3734391.83	7.74E-07	7.74E-07
1179	498477.88	3734448.5	6.99E-07	6.99E-07
1180	498485.21	3734505.17	6.36E-07	6.36E-07
1181	498501.99	3734503	6.27E-07	6.27E-07
1182	498421.18	3734150.51	1.34E-06	1.34E-06
1183	498430.95	3734150.54	1.32E-06	1.32E-06
1184	498470.05	3734150.67	1.25E-06	1.25E-06
1185	498528.7	3734150.88	1.12E-06	1.12E-06
1186	498538.48	3734150.91	1.10E-06	1.10E-06
1187	498548.25	3734150.94	1.08E-06	1.08E-06
1188	498421.05	3734188	1.23E-06	1.23E-06
1189	498430.82	3734188.04	1.21E-06	1.21E-06
1190	498528.57	3734188.38	1.04E-06	1.04E-06
1191	498538.35	3734188.41	1.02E-06	1.02E-06
1192	498548.12	3734188.44	1.00E-06	1.00E-06

1193	498420.92	3734225.5	1.13E-06	1.13E-06
1194	498430.69	3734225.54	1.12E-06	1.12E-06
1195	498528.44	3734225.88	9.66E-07	9.66E-07
1196	498538.22	3734225.91	9.50E-07	9.50E-07
1197	498547.99	3734225.94	9.35E-07	9.35E-07
1198	498557.77	3734225.98	9.19E-07	9.19E-07
1199	498420.79	3734263	1.04E-06	1.04E-06
1200	498430.56	3734263.04	1.03E-06	1.03E-06
1201	498440.34	3734263.07	1.02E-06	1.02E-06
1202	498528.31	3734263.38	9.01E-07	9.01E-07
1203	498538.09	3734263.41	8.87E-07	8.87E-07
1204	498547.86	3734263.44	8.73E-07	8.73E-07
1205	498557.64	3734263.48	8.59E-07	8.59E-07
1206	498420.66	3734300.5	9.66E-07	9.66E-07
1207	498430.43	3734300.54	9.56E-07	9.56E-07
1208	498440.21	3734300.57	9.45E-07	9.45E-07
1209	498528.18	3734300.88	8.42E-07	8.42E-07
1210	498537.96	3734300.91	8.30E-07	8.30E-07
1211	498547.73	3734300.94	8.18E-07	8.18E-07
1212	498557.51	3734300.98	8.05E-07	8.05E-07
1213	498420.53	3734338	8.99E-07	8.99E-07
1214	498430.3	3734338.04	8.90E-07	8.90E-07
1215	498440.08	3734338.07	8.80E-07	8.80E-07
1216	498449.85	3734338.11	8.71E-07	8.71E-07
1217	498498.73	3734338.27	8.21E-07	8.21E-07
1218	498508.5	3734338.31	8.10E-07	8.10E-07
1219	498518.28	3734338.34	8.00E-07	8.00E-07
1220	498420.33	3734395.15	8.10E-07	8.10E-07
1221	498430.11	3734395.18	8.03E-07	8.03E-07
1222	498439.88	3734395.21	7.95E-07	7.95E-07
1223	498449.66	3734395.25	7.87E-07	7.87E-07
1224	498459.43	3734395.28	7.79E-07	7.79E-07
1225	498478.98	3734395.35	7.62E-07	7.62E-07
1226	498498.53	3734395.42	7.44E-07	7.44E-07
1227	498508.31	3734395.45	7.36E-07	7.36E-07
1228	498518.08	3734395.48	7.27E-07	7.27E-07
1229	498420.13	3734452.29	7.35E-07	7.35E-07
1230	498429.91	3734452.32	7.29E-07	7.29E-07
1231	498439.68	3734452.36	7.22E-07	7.22E-07
1232	498449.46	3734452.39	7.15E-07	7.15E-07
1233	498459.23	3734452.42	7.08E-07	7.08E-07
1234	498469.01	3734452.46	7.01E-07	7.01E-07
1235	498488.56	3734452.53	6.87E-07	6.87E-07
1236	498508.11	3734452.59	6.72E-07	6.72E-07
1237	498517.88	3734452.63	6.64E-07	6.64E-07
1238	498419.94	3734509.43	6.71E-07	6.71E-07
1239	498429.71	3734509.47	6.65E-07	6.65E-07
1240	498439.49	3734509.5	6.60E-07	6.60E-07
1241	498449.26	3734509.53	6.54E-07	6.54E-07
1242	498459.04	3734509.57	6.48E-07	6.48E-07
1243	498468.81	3734509.6	6.42E-07	6.42E-07
1244	498517.69	3734509.77	6.10E-07	6.10E-07

1245	498664.27	3734070.01	9.40E-07	9.40E-07
1246	498655.43	3734073.63	9.58E-07	9.58E-07
1247	498646.59	3734077.25	9.77E-07	9.77E-07
1248	498637.74	3734080.88	9.95E-07	9.95E-07
1249	498628.9	3734084.5	1.01E-06	1.01E-06
1250	498708.36	3734089.4	8.07E-07	8.07E-07
1251	498699.52	3734093.02	8.24E-07	8.24E-07
1252	498690.67	3734096.64	8.40E-07	8.40E-07
1253	498681.83	3734100.26	8.56E-07	8.56E-07
1254	498672.99	3734103.89	8.73E-07	8.73E-07
1255	498664.14	3734107.51	8.89E-07	8.89E-07
1256	498655.3	3734111.13	9.05E-07	9.05E-07
1257	498646.46	3734114.75	9.20E-07	9.20E-07
1258	498637.61	3734118.38	9.36E-07	9.36E-07
1259	498628.77	3734122	9.51E-07	9.51E-07
1260	498752.45	3734108.78	6.98E-07	6.98E-07
1261	498743.6	3734112.41	7.12E-07	7.12E-07
1262	498734.76	3734116.03	7.27E-07	7.27E-07
1263	498725.92	3734119.65	7.42E-07	7.42E-07
1264	498717.07	3734123.27	7.56E-07	7.56E-07
1265	498708.23	3734126.9	7.71E-07	7.71E-07
1266	498699.39	3734130.52	7.85E-07	7.85E-07
1267	498690.54	3734134.14	7.99E-07	7.99E-07
1268	498681.7	3734137.76	8.13E-07	8.13E-07
1269	498672.86	3734141.39	8.27E-07	8.27E-07
1270	498664.01	3734145.01	8.41E-07	8.41E-07
1271	498655.17	3734148.63	8.55E-07	8.55E-07
1272	498637.48	3734155.88	8.81E-07	8.81E-07
1273	498628.64	3734159.5	8.94E-07	8.94E-07
1274	498793.74	3734129.32	6.11E-07	6.11E-07
1275	498784.66	3734133.03	6.24E-07	6.24E-07
1276	498775.59	3734136.75	6.38E-07	6.38E-07
1277	498766.51	3734140.47	6.51E-07	6.51E-07
1278	498757.44	3734144.19	6.64E-07	6.64E-07
1279	498748.36	3734147.9	6.78E-07	6.78E-07
1280	498739.28	3734151.62	6.91E-07	6.91E-07
1281	498730.21	3734155.34	7.04E-07	7.04E-07
1282	498721.13	3734159.06	7.17E-07	7.17E-07
1283	498712.06	3734162.78	7.30E-07	7.30E-07
1284	498702.98	3734166.49	7.43E-07	7.43E-07
1285	498693.9	3734170.21	7.56E-07	7.56E-07
1286	498684.83	3734173.93	7.68E-07	7.68E-07
1287	498657.6	3734185.08	8.05E-07	8.05E-07
1288	498648.53	3734188.8	8.17E-07	8.17E-07
1289	498639.45	3734192.52	8.28E-07	8.28E-07
1290	498630.37	3734196.24	8.40E-07	8.40E-07
1291	498838.46	3734148.44	5.34E-07	5.34E-07
1292	498829.4	3734152.15	5.46E-07	5.46E-07
1293	498820.34	3734155.86	5.58E-07	5.58E-07
1294	498811.28	3734159.58	5.69E-07	5.69E-07
1295	498802.23	3734163.29	5.81E-07	5.81E-07
1296	498793.17	3734167	5.93E-07	5.93E-07

1297	498784.11	3734170.71	6.05E-07	6.05E-07
1298	498775.05	3734174.42	6.16E-07	6.16E-07
1299	498765.99	3734178.13	6.28E-07	6.28E-07
1300	498756.93	3734181.84	6.40E-07	6.40E-07
1301	498747.87	3734185.55	6.52E-07	6.52E-07
1302	498738.81	3734189.26	6.63E-07	6.63E-07
1303	498729.76	3734192.97	6.75E-07	6.75E-07
1304	498720.7	3734196.68	6.86E-07	6.86E-07
1305	498711.64	3734200.39	6.98E-07	6.98E-07
1306	498702.58	3734204.1	7.09E-07	7.09E-07
1307	498684.46	3734211.53	7.31E-07	7.31E-07
1308	498675.4	3734215.24	7.42E-07	7.42E-07
1309	498666.34	3734218.95	7.52E-07	7.52E-07
1310	498657.28	3734222.66	7.62E-07	7.62E-07
1311	498648.23	3734226.37	7.72E-07	7.72E-07
1312	498639.17	3734230.08	7.82E-07	7.82E-07
1313	498630.11	3734233.79	7.92E-07	7.92E-07
1314	498883.1	3734167.61	4.70E-07	4.70E-07
1315	498874.05	3734171.31	4.80E-07	4.80E-07
1316	498865.01	3734175.02	4.90E-07	4.90E-07
1317	498855.96	3734178.72	5.01E-07	5.01E-07
1318	498846.92	3734182.42	5.11E-07	5.11E-07
1319	498837.88	3734186.13	5.21E-07	5.21E-07
1320	498828.83	3734189.83	5.32E-07	5.32E-07
1321	498819.79	3734193.54	5.42E-07	5.42E-07
1322	498810.74	3734197.24	5.53E-07	5.53E-07
1323	498801.7	3734200.95	5.63E-07	5.63E-07
1324	498792.66	3734204.65	5.74E-07	5.74E-07
1325	498783.61	3734208.36	5.85E-07	5.85E-07
1326	498774.57	3734212.06	5.95E-07	5.95E-07
1327	498765.52	3734215.77	6.06E-07	6.06E-07
1328	498756.48	3734219.47	6.16E-07	6.16E-07
1329	498747.43	3734223.18	6.26E-07	6.26E-07
1330	498738.39	3734226.88	6.36E-07	6.36E-07
1331	498729.35	3734230.59	6.47E-07	6.47E-07
1332	498702.21	3734241.7	6.76E-07	6.76E-07
1333	498693.17	3734245.41	6.86E-07	6.86E-07
1334	498684.13	3734249.11	6.95E-07	6.95E-07
1335	498675.08	3734252.81	7.05E-07	7.05E-07
1336	498666.04	3734256.52	7.14E-07	7.14E-07
1337	498656.99	3734260.22	7.23E-07	7.23E-07
1338	498647.95	3734263.93	7.31E-07	7.31E-07
1339	498638.91	3734267.63	7.40E-07	7.40E-07
1340	498629.86	3734271.34	7.48E-07	7.48E-07
1341	498918.63	3734190.5	4.25E-07	4.25E-07
1342	498909.6	3734194.2	4.34E-07	4.34E-07
1343	498900.57	3734197.9	4.43E-07	4.43E-07
1344	498891.54	3734201.6	4.52E-07	4.52E-07
1345	498882.51	3734205.29	4.61E-07	4.61E-07
1346	498873.47	3734208.99	4.70E-07	4.70E-07
1347	498864.44	3734212.69	4.80E-07	4.80E-07
1348	498855.41	3734216.39	4.89E-07	4.89E-07

1349	498846.38	3734220.09	4.98E-07	4.98E-07
1350	498837.35	3734223.79	5.08E-07	5.08E-07
1351	498828.32	3734227.49	5.17E-07	5.17E-07
1352	498819.29	3734231.19	5.27E-07	5.27E-07
1353	498810.25	3734234.89	5.36E-07	5.36E-07
1354	498801.22	3734238.59	5.46E-07	5.46E-07
1355	498995.26	3734216.17	3.49E-07	3.49E-07
1356	498986.32	3734219.83	3.56E-07	3.56E-07
1357	498977.38	3734223.49	3.63E-07	3.63E-07
1358	498968.44	3734227.16	3.71E-07	3.71E-07
1359	498959.5	3734230.82	3.78E-07	3.78E-07
1360	498923.73	3734245.47	4.09E-07	4.09E-07
1361	498914.79	3734249.13	4.16E-07	4.16E-07
1362	498905.85	3734252.79	4.24E-07	4.24E-07
1363	498896.91	3734256.45	4.32E-07	4.32E-07
1364	498887.97	3734260.12	4.40E-07	4.40E-07
1365	498879.03	3734263.78	4.48E-07	4.48E-07
1366	498870.09	3734267.44	4.56E-07	4.56E-07
1367	498861.15	3734271.1	4.64E-07	4.64E-07
1368	498852.21	3734274.77	4.72E-07	4.72E-07
1369	498843.27	3734278.43	4.80E-07	4.80E-07
1370	498834.33	3734282.09	4.89E-07	4.89E-07
1371	499066.08	3734236.78	2.95E-07	2.95E-07
1372	499053.28	3734249.46	3.03E-07	3.03E-07
1373	499044.26	3734253.16	3.09E-07	3.09E-07
1374	499035.24	3734256.86	3.15E-07	3.15E-07
1375	499026.21	3734260.55	3.21E-07	3.21E-07
1376	499017.19	3734264.25	3.27E-07	3.27E-07
1377	499008.17	3734267.94	3.34E-07	3.34E-07
1378	498999.14	3734271.64	3.40E-07	3.40E-07
1379	498990.12	3734275.34	3.46E-07	3.46E-07
1380	498981.09	3734279.03	3.53E-07	3.53E-07
1381	498972.07	3734282.73	3.60E-07	3.60E-07
1382	498963.05	3734286.43	3.66E-07	3.66E-07
1383	498935.98	3734297.51	3.87E-07	3.87E-07
1384	498926.95	3734301.21	3.94E-07	3.94E-07
1385	498917.93	3734304.91	4.01E-07	4.01E-07
1386	498908.91	3734308.6	4.08E-07	4.08E-07
1387	498899.88	3734312.3	4.15E-07	4.15E-07
1388	498890.86	3734316	4.22E-07	4.22E-07
1389	498881.83	3734319.69	4.29E-07	4.29E-07
1390	498872.81	3734323.39	4.36E-07	4.36E-07
1391	498863.79	3734327.09	4.43E-07	4.43E-07
1392	498845.74	3734334.48	4.57E-07	4.57E-07
1393	499117.51	3734250.69	2.63E-07	2.63E-07
1394	499113.76	3734259.61	2.65E-07	2.65E-07
1395	499110.02	3734268.52	2.66E-07	2.66E-07
1396	499106.28	3734277.43	2.68E-07	2.68E-07
1397	499093.59	3734290.01	2.75E-07	2.75E-07
1398	499084.64	3734293.68	2.80E-07	2.80E-07
1399	499075.7	3734297.34	2.85E-07	2.85E-07
1400	499066.75	3734301.01	2.91E-07	2.91E-07

1401	499057.8	3734304.67	2.96E-07	2.96E-07
1402	499048.86	3734308.34	3.01E-07	3.01E-07
1403	499039.91	3734312	3.07E-07	3.07E-07
1404	499030.96	3734315.67	3.12E-07	3.12E-07
1405	499022.01	3734319.33	3.18E-07	3.18E-07
1406	499013.07	3734323	3.24E-07	3.24E-07
1407	499004.12	3734326.66	3.30E-07	3.30E-07
1408	498995.17	3734330.33	3.35E-07	3.35E-07
1409	498986.23	3734333.99	3.41E-07	3.41E-07
1410	498977.28	3734337.66	3.47E-07	3.47E-07
1411	498968.33	3734341.32	3.53E-07	3.53E-07
1412	498959.39	3734344.99	3.59E-07	3.59E-07
1413	498950.44	3734348.65	3.65E-07	3.65E-07
1414	498941.49	3734352.32	3.71E-07	3.71E-07
1415	498932.55	3734355.98	3.77E-07	3.77E-07
1416	498923.6	3734359.65	3.83E-07	3.83E-07
1417	498914.65	3734363.31	3.90E-07	3.90E-07
1418	498905.71	3734366.98	3.96E-07	3.96E-07
1419	498887.81	3734374.31	4.08E-07	4.08E-07
1420	498878.87	3734377.97	4.14E-07	4.14E-07
1421	498869.92	3734381.63	4.20E-07	4.20E-07
1422	498860.97	3734385.3	4.26E-07	4.26E-07
1423	499169.17	3734264.03	2.35E-07	2.35E-07
1424	499165.4	3734273.02	2.37E-07	2.37E-07
1425	499161.63	3734282.01	2.39E-07	2.39E-07
1426	499157.86	3734290.99	2.40E-07	2.40E-07
1427	499154.08	3734299.98	2.42E-07	2.42E-07
1428	499150.31	3734308.96	2.44E-07	2.44E-07
1429	499146.54	3734317.95	2.45E-07	2.45E-07
1430	499133.75	3734330.63	2.51E-07	2.51E-07
1431	499124.73	3734334.32	2.56E-07	2.56E-07
1432	499115.71	3734338.01	2.60E-07	2.60E-07
1433	499106.69	3734341.71	2.65E-07	2.65E-07
1434	499097.67	3734345.4	2.70E-07	2.70E-07
1435	499088.66	3734349.1	2.74E-07	2.74E-07
1436	499079.64	3734352.79	2.79E-07	2.79E-07
1437	499070.62	3734356.48	2.84E-07	2.84E-07
1438	499061.6	3734360.18	2.89E-07	2.89E-07
1439	499052.58	3734363.87	2.94E-07	2.94E-07
1440	499043.57	3734367.57	2.99E-07	2.99E-07
1441	499034.55	3734371.26	3.04E-07	3.04E-07
1442	499025.53	3734374.95	3.10E-07	3.10E-07
1443	499016.51	3734378.65	3.15E-07	3.15E-07
1444	499007.49	3734382.34	3.20E-07	3.20E-07
1445	498998.47	3734386.04	3.25E-07	3.25E-07
1446	498989.46	3734389.73	3.31E-07	3.31E-07
1447	498980.44	3734393.43	3.36E-07	3.36E-07
1448	498971.42	3734397.12	3.41E-07	3.41E-07
1449	498962.4	3734400.81	3.47E-07	3.47E-07
1450	498953.38	3734404.51	3.52E-07	3.52E-07
1451	498944.37	3734408.2	3.58E-07	3.58E-07
1452	498935.35	3734411.9	3.63E-07	3.63E-07

1453	498926.33	3734415.59	3.68E-07	3.68E-07
1454	498917.31	3734419.28	3.74E-07	3.74E-07
1455	498908.29	3734422.98	3.79E-07	3.79E-07
1456	498899.28	3734426.67	3.85E-07	3.85E-07
1457	498890.26	3734430.37	3.90E-07	3.90E-07
1458	498881.24	3734434.06	3.96E-07	3.96E-07
1459	498872.22	3734437.75	4.01E-07	4.01E-07
1460	498863.2	3734441.45	4.06E-07	4.06E-07
1461	498854.19	3734445.14	4.11E-07	4.11E-07
1462	498845.17	3734448.84	4.17E-07	4.17E-07
1463	499205.79	3734313.23	2.18E-07	2.18E-07
1464	499201.99	3734322.27	2.19E-07	2.19E-07
1465	499198.19	3734331.32	2.21E-07	2.21E-07
1466	499194.39	3734340.37	2.22E-07	2.22E-07
1467	499190.59	3734349.42	2.24E-07	2.24E-07
1468	499186.79	3734358.47	2.25E-07	2.25E-07
1469	499173.91	3734371.23	2.30E-07	2.30E-07
1470	499164.83	3734374.95	2.34E-07	2.34E-07
1471	499155.75	3734378.67	2.38E-07	2.38E-07
1472	499146.67	3734382.39	2.43E-07	2.43E-07
1473	499137.59	3734386.11	2.47E-07	2.47E-07
1474	499128.51	3734389.83	2.51E-07	2.51E-07
1475	499119.42	3734393.55	2.55E-07	2.55E-07
1476	499110.34	3734397.27	2.60E-07	2.60E-07
1477	499101.26	3734400.99	2.64E-07	2.64E-07
1478	499092.18	3734404.71	2.68E-07	2.68E-07
1479	499083.1	3734408.43	2.73E-07	2.73E-07
1480	499074.02	3734412.15	2.78E-07	2.78E-07
1481	499064.94	3734415.87	2.82E-07	2.82E-07
1482	499055.86	3734419.59	2.87E-07	2.87E-07
1483	499046.77	3734423.31	2.91E-07	2.91E-07
1484	499037.69	3734427.03	2.96E-07	2.96E-07
1485	499028.61	3734430.75	3.01E-07	3.01E-07
1486	499019.53	3734434.47	3.06E-07	3.06E-07
1487	499010.45	3734438.19	3.10E-07	3.10E-07
1488	499001.37	3734441.91	3.15E-07	3.15E-07
1489	498992.29	3734445.63	3.20E-07	3.20E-07
1490	498983.21	3734449.35	3.25E-07	3.25E-07
1491	498974.13	3734453.07	3.30E-07	3.30E-07
1492	498965.04	3734456.79	3.35E-07	3.35E-07
1493	498955.96	3734460.51	3.39E-07	3.39E-07
1494	498946.88	3734464.23	3.44E-07	3.44E-07
1495	498937.8	3734467.95	3.49E-07	3.49E-07
1496	498928.72	3734471.67	3.54E-07	3.54E-07
1497	498919.64	3734475.39	3.59E-07	3.59E-07
1498	498910.56	3734479.11	3.64E-07	3.64E-07
1499	498901.48	3734482.83	3.68E-07	3.68E-07
1500	498892.4	3734486.55	3.73E-07	3.73E-07
1501	498883.31	3734490.27	3.78E-07	3.78E-07
1502	498874.23	3734493.99	3.82E-07	3.82E-07
1503	498865.15	3734497.71	3.87E-07	3.87E-07
1504	498856.07	3734501.43	3.91E-07	3.91E-07

1505	499205.19	3734415.48	2.16E-07	2.16E-07
1506	499196.18	3734419.17	2.19E-07	2.19E-07
1507	499187.17	3734422.87	2.23E-07	2.23E-07
1508	499178.15	3734426.56	2.27E-07	2.27E-07
1509	499169.14	3734430.25	2.30E-07	2.30E-07
1510	499160.12	3734433.94	2.34E-07	2.34E-07
1511	499151.11	3734437.64	2.38E-07	2.38E-07
1512	499142.1	3734441.33	2.42E-07	2.42E-07
1513	499133.08	3734445.02	2.46E-07	2.46E-07
1514	499124.07	3734448.71	2.50E-07	2.50E-07
1515	499115.05	3734452.41	2.54E-07	2.54E-07
1516	499106.04	3734456.1	2.58E-07	2.58E-07
1517	499097.03	3734459.79	2.62E-07	2.62E-07
1518	499088.01	3734463.48	2.66E-07	2.66E-07
1519	499079	3734467.18	2.70E-07	2.70E-07
1520	499069.99	3734470.87	2.74E-07	2.74E-07
1521	499060.97	3734474.56	2.78E-07	2.78E-07
1522	499051.96	3734478.25	2.82E-07	2.82E-07
1523	499042.94	3734481.94	2.87E-07	2.87E-07
1524	499033.93	3734485.64	2.91E-07	2.91E-07
1525	499024.92	3734489.33	2.95E-07	2.95E-07
1526	499015.9	3734493.02	2.99E-07	2.99E-07
1527	499006.89	3734496.71	3.04E-07	3.04E-07
1528	498997.87	3734500.41	3.08E-07	3.08E-07
1529	498988.86	3734504.1	3.12E-07	3.12E-07
1530	498979.85	3734507.79	3.17E-07	3.17E-07
1531	498970.83	3734511.48	3.21E-07	3.21E-07
1532	498961.82	3734515.18	3.25E-07	3.25E-07
1533	498952.8	3734518.87	3.29E-07	3.29E-07
1534	498943.79	3734522.56	3.34E-07	3.34E-07
1535	498934.78	3734526.25	3.38E-07	3.38E-07
1536	498862.67	3734555.79	3.70E-07	3.70E-07
1537	498853.65	3734559.48	3.74E-07	3.74E-07
1538	498844.64	3734563.18	3.78E-07	3.78E-07
1539	498835.62	3734566.87	3.82E-07	3.82E-07
1540	499544.26	3733779.94	1.12E-07	1.12E-07
1541	499540.46	3733788.98	1.13E-07	1.13E-07
1542	499536.67	3733798.02	1.14E-07	1.14E-07
1543	499532.87	3733807.06	1.14E-07	1.14E-07
1544	499529.08	3733816.09	1.15E-07	1.15E-07
1545	499525.28	3733825.13	1.16E-07	1.16E-07
1546	499521.49	3733834.17	1.17E-07	1.17E-07
1547	499517.69	3733843.2	1.18E-07	1.18E-07
1548	499513.9	3733852.24	1.19E-07	1.19E-07
1549	499510.1	3733861.28	1.20E-07	1.20E-07
1550	499209.03	3734470.97	2.12E-07	2.12E-07
1551	499199.96	3734474.69	2.16E-07	2.16E-07
1552	499190.89	3734478.4	2.19E-07	2.19E-07
1553	499181.82	3734482.12	2.23E-07	2.23E-07
1554	499172.75	3734485.83	2.26E-07	2.26E-07
1555	499163.68	3734489.55	2.30E-07	2.30E-07
1556	499154.61	3734493.26	2.33E-07	2.33E-07

1557	499145.54	3734496.98	2.37E-07	2.37E-07
1558	499136.47	3734500.69	2.40E-07	2.40E-07
1559	499127.4	3734504.41	2.44E-07	2.44E-07
1560	499118.33	3734508.13	2.48E-07	2.48E-07
1561	499109.26	3734511.84	2.52E-07	2.52E-07
1562	499100.19	3734515.56	2.55E-07	2.55E-07
1563	499091.12	3734519.27	2.59E-07	2.59E-07
1564	499082.05	3734522.99	2.63E-07	2.63E-07
1565	499072.98	3734526.7	2.67E-07	2.67E-07
1566	498973.21	3734567.57	3.09E-07	3.09E-07
1567	498964.14	3734571.29	3.13E-07	3.13E-07
1568	498955.07	3734575	3.17E-07	3.17E-07
1569	498946	3734578.72	3.20E-07	3.20E-07
1570	498936.93	3734582.43	3.24E-07	3.24E-07
1571	498927.86	3734586.15	3.28E-07	3.28E-07
1572	498918.79	3734589.86	3.32E-07	3.32E-07
1573	498909.72	3734593.58	3.35E-07	3.35E-07
1574	498900.65	3734597.29	3.39E-07	3.39E-07
1575	498891.58	3734601.01	3.42E-07	3.42E-07
1576	498882.51	3734604.72	3.46E-07	3.46E-07
1577	498873.44	3734608.44	3.49E-07	3.49E-07
1578	498864.37	3734612.15	3.53E-07	3.53E-07
1579	498855.3	3734615.87	3.56E-07	3.56E-07
1580	498846.23	3734619.58	3.60E-07	3.60E-07
1581	498837.16	3734623.3	3.63E-07	3.63E-07
1582	498828.09	3734627.01	3.66E-07	3.66E-07
1583	498819.02	3734630.73	3.69E-07	3.69E-07
1584	498809.95	3734634.45	3.72E-07	3.72E-07
1585	498800.88	3734638.16	3.76E-07	3.76E-07
1586	498791.81	3734641.88	3.79E-07	3.79E-07
1587	498782.74	3734645.59	3.81E-07	3.81E-07
1588	498773.67	3734649.31	3.84E-07	3.84E-07
1589	498764.61	3734653.02	3.87E-07	3.87E-07
1590	498755.54	3734656.74	3.90E-07	3.90E-07
1591	498746.47	3734660.45	3.93E-07	3.93E-07
1592	498737.4	3734664.17	3.95E-07	3.95E-07
1593	498728.33	3734667.88	3.98E-07	3.98E-07
1594	498719.26	3734671.6	4.00E-07	4.00E-07
1595	498710.19	3734675.31	4.03E-07	4.03E-07
1596	498701.12	3734679.03	4.05E-07	4.05E-07
1597	498692.05	3734682.74	4.08E-07	4.08E-07
1598	498682.98	3734686.46	4.10E-07	4.10E-07
1599	498655.77	3734697.61	4.17E-07	4.17E-07
1600	498646.7	3734701.32	4.19E-07	4.19E-07
1601	498637.63	3734705.04	4.21E-07	4.21E-07
1602	498628.56	3734708.75	4.23E-07	4.23E-07
1603	498619.49	3734712.47	4.25E-07	4.25E-07
1604	498610.42	3734716.18	4.26E-07	4.26E-07
1605	498601.35	3734719.9	4.28E-07	4.28E-07
1606	498592.28	3734723.61	4.30E-07	4.30E-07
1607	498160.23	3733009.55	1.28E-06	1.28E-06
1608	498157.77	3733023.43	1.34E-06	1.34E-06

1609	498157.69	3733033.08	1.40E-06	1.40E-06
1610	498157.62	3733042.74	1.46E-06	1.46E-06
1611	498157.55	3733052.39	1.54E-06	1.54E-06
1612	498157.47	3733062.05	1.61E-06	1.61E-06
1613	498157.4	3733071.7	1.70E-06	1.70E-06
1614	498157.33	3733081.35	1.79E-06	1.79E-06
1615	498157.25	3733091.01	1.88E-06	1.88E-06
1616	498157.18	3733100.66	1.98E-06	1.98E-06
1617	498157.11	3733110.32	2.08E-06	2.08E-06
1618	498157.04	3733119.97	2.18E-06	2.18E-06
1619	498156.96	3733129.63	2.28E-06	2.28E-06
1620	498156.89	3733139.28	2.38E-06	2.38E-06
1621	498156.82	3733148.94	2.47E-06	2.47E-06
1622	498156.74	3733158.59	2.57E-06	2.57E-06
1623	498156.67	3733168.24	2.66E-06	2.66E-06
1624	498156.6	3733177.9	2.75E-06	2.75E-06
1625	498156.52	3733187.55	2.84E-06	2.84E-06
1626	498156.45	3733197.21	2.92E-06	2.92E-06
1627	498156.38	3733206.86	3.00E-06	3.00E-06
1628	498156.3	3733216.52	3.08E-06	3.08E-06
1629	498156.23	3733226.17	3.16E-06	3.16E-06
1630	498156.16	3733235.83	3.23E-06	3.23E-06
1631	498156.08	3733245.48	3.30E-06	3.30E-06
1632	498156.01	3733255.13	3.36E-06	3.36E-06
1633	498151.03	3733008.06	1.19E-06	1.19E-06
1634	498147.77	3733023.35	1.24E-06	1.24E-06
1635	498147.69	3733033.01	1.29E-06	1.29E-06
1636	498147.62	3733042.66	1.35E-06	1.35E-06
1637	498147.55	3733052.32	1.41E-06	1.41E-06
1638	498147.47	3733061.97	1.47E-06	1.47E-06
1639	498147.4	3733071.62	1.53E-06	1.53E-06
1640	498147.33	3733081.28	1.60E-06	1.60E-06
1641	498147.25	3733090.93	1.68E-06	1.68E-06
1642	498147.18	3733100.59	1.75E-06	1.75E-06
1643	498147.11	3733110.24	1.83E-06	1.83E-06
1644	498147.04	3733119.9	1.92E-06	1.92E-06
1645	498146.96	3733129.55	2.00E-06	2.00E-06
1646	498146.89	3733139.21	2.08E-06	2.08E-06
1647	498146.82	3733148.86	2.16E-06	2.16E-06
1648	498146.74	3733158.51	2.24E-06	2.24E-06
1649	498146.67	3733168.17	2.32E-06	2.32E-06
1650	498146.6	3733177.82	2.40E-06	2.40E-06
1651	498146.52	3733187.48	2.48E-06	2.48E-06
1652	498146.45	3733197.13	2.55E-06	2.55E-06
1653	498146.38	3733206.79	2.63E-06	2.63E-06
1654	498146.3	3733216.44	2.70E-06	2.70E-06
1655	498146.23	3733226.1	2.76E-06	2.76E-06
1656	498146.16	3733235.75	2.83E-06	2.83E-06
1657	498146.08	3733245.4	2.89E-06	2.89E-06
1658	498146.01	3733255.06	2.95E-06	2.95E-06
1659	498141.43	3733007.28	1.11E-06	1.11E-06
1660	498137.77	3733023.28	1.16E-06	1.16E-06

1661	498137.69	3733032.93	1.20E-06	1.20E-06
1662	498137.62	3733042.59	1.25E-06	1.25E-06
1663	498137.55	3733052.24	1.30E-06	1.30E-06
1664	498137.47	3733061.89	1.35E-06	1.35E-06
1665	498137.4	3733071.55	1.40E-06	1.40E-06
1666	498137.33	3733081.2	1.46E-06	1.46E-06
1667	498137.26	3733090.86	1.52E-06	1.52E-06
1668	498137.18	3733100.51	1.58E-06	1.58E-06
1669	498137.11	3733110.17	1.65E-06	1.65E-06
1670	498137.04	3733119.82	1.71E-06	1.71E-06
1671	498136.96	3733129.48	1.78E-06	1.78E-06
1672	498136.89	3733139.13	1.85E-06	1.85E-06
1673	498136.82	3733148.78	1.92E-06	1.92E-06
1674	498136.74	3733158.44	1.99E-06	1.99E-06
1675	498136.67	3733168.09	2.06E-06	2.06E-06
1676	498136.6	3733177.75	2.13E-06	2.13E-06
1677	498136.52	3733187.4	2.20E-06	2.20E-06
1678	498136.45	3733197.06	2.26E-06	2.26E-06
1679	498136.38	3733206.71	2.33E-06	2.33E-06
1680	498136.3	3733216.36	2.39E-06	2.39E-06
1681	498136.23	3733226.02	2.45E-06	2.45E-06
1682	498136.16	3733235.67	2.51E-06	2.51E-06
1683	498136.08	3733245.33	2.57E-06	2.57E-06
1684	498136.01	3733254.98	2.62E-06	2.62E-06
1685	498131.67	3733006.78	1.05E-06	1.05E-06
1686	498127.77	3733023.2	1.08E-06	1.08E-06
1687	498127.69	3733032.86	1.12E-06	1.12E-06
1688	498127.62	3733042.51	1.16E-06	1.16E-06
1689	498127.55	3733052.16	1.20E-06	1.20E-06
1690	498127.48	3733061.82	1.25E-06	1.25E-06
1691	498127.4	3733071.47	1.29E-06	1.29E-06
1692	498127.33	3733081.13	1.34E-06	1.34E-06
1693	498127.26	3733090.78	1.39E-06	1.39E-06
1694	498127.18	3733100.44	1.44E-06	1.44E-06
1695	498127.11	3733110.09	1.50E-06	1.50E-06
1696	498127.04	3733119.75	1.55E-06	1.55E-06
1697	498126.96	3733129.4	1.61E-06	1.61E-06
1698	498126.89	3733139.05	1.67E-06	1.67E-06
1699	498126.82	3733148.71	1.73E-06	1.73E-06
1700	498126.74	3733158.36	1.79E-06	1.79E-06
1701	498126.67	3733168.02	1.85E-06	1.85E-06
1702	498126.6	3733177.67	1.91E-06	1.91E-06
1703	498126.52	3733187.33	1.97E-06	1.97E-06
1704	498126.45	3733196.98	2.03E-06	2.03E-06
1705	498126.38	3733206.63	2.08E-06	2.08E-06
1706	498126.3	3733216.29	2.14E-06	2.14E-06
1707	498126.23	3733225.94	2.19E-06	2.19E-06
1708	498126.16	3733235.6	2.25E-06	2.25E-06
1709	498126.08	3733245.25	2.30E-06	2.30E-06
1710	498126.01	3733254.91	2.35E-06	2.35E-06
1711	498121.83	3733006.42	9.86E-07	9.86E-07
1712	498129.8	3732992.33	9.82E-07	9.82E-07

1713	498117.77	3733023.13	1.02E-06	1.02E-06
1714	498117.7	3733032.78	1.05E-06	1.05E-06
1715	498117.62	3733042.43	1.09E-06	1.09E-06
1716	498117.55	3733052.09	1.12E-06	1.12E-06
1717	498117.48	3733061.74	1.16E-06	1.16E-06
1718	498117.4	3733071.4	1.20E-06	1.20E-06
1719	498117.33	3733081.05	1.24E-06	1.24E-06
1720	498117.26	3733090.71	1.28E-06	1.28E-06
1721	498117.18	3733100.36	1.33E-06	1.33E-06
1722	498117.11	3733110.01	1.37E-06	1.37E-06
1723	498117.04	3733119.67	1.42E-06	1.42E-06
1724	498116.96	3733129.32	1.47E-06	1.47E-06
1725	498116.89	3733138.98	1.52E-06	1.52E-06
1726	498116.82	3733148.63	1.57E-06	1.57E-06
1727	498116.74	3733158.29	1.62E-06	1.62E-06
1728	498116.67	3733167.94	1.67E-06	1.67E-06
1729	498116.6	3733177.6	1.73E-06	1.73E-06
1730	498116.52	3733187.25	1.78E-06	1.78E-06
1731	498116.45	3733196.9	1.83E-06	1.83E-06
1732	498116.38	3733206.56	1.88E-06	1.88E-06
1733	498116.3	3733216.21	1.93E-06	1.93E-06
1734	498116.23	3733225.87	1.98E-06	1.98E-06
1735	498116.16	3733235.52	2.03E-06	2.03E-06
1736	498116.08	3733245.18	2.08E-06	2.08E-06
1737	498116.01	3733254.83	2.12E-06	2.12E-06
1738	498111.94	3733006.15	9.32E-07	9.32E-07
1739	498120.15	3732991.65	9.30E-07	9.30E-07
1740	498107.77	3733023.05	9.61E-07	9.61E-07
1741	498107.7	3733032.7	9.91E-07	9.91E-07
1742	498107.62	3733042.36	1.02E-06	1.02E-06
1743	498107.55	3733052.01	1.05E-06	1.05E-06
1744	498107.48	3733061.67	1.09E-06	1.09E-06
1745	498107.4	3733071.32	1.12E-06	1.12E-06
1746	498107.33	3733080.98	1.16E-06	1.16E-06
1747	498107.26	3733090.63	1.19E-06	1.19E-06
1748	498107.18	3733100.28	1.23E-06	1.23E-06
1749	498107.11	3733109.94	1.27E-06	1.27E-06
1750	498107.04	3733119.59	1.31E-06	1.31E-06
1751	498106.96	3733129.25	1.35E-06	1.35E-06
1752	498106.89	3733138.9	1.40E-06	1.40E-06
1753	498106.82	3733148.56	1.44E-06	1.44E-06
1754	498106.74	3733158.21	1.48E-06	1.48E-06
1755	498106.67	3733167.87	1.53E-06	1.53E-06
1756	498106.6	3733177.52	1.58E-06	1.58E-06
1757	498106.52	3733187.17	1.62E-06	1.62E-06
1758	498106.45	3733196.83	1.67E-06	1.67E-06
1759	498106.38	3733206.48	1.71E-06	1.71E-06
1760	498106.3	3733216.14	1.76E-06	1.76E-06
1761	498106.23	3733225.79	1.80E-06	1.80E-06
1762	498106.16	3733235.45	1.85E-06	1.85E-06
1763	498106.08	3733245.1	1.89E-06	1.89E-06
1764	498106.01	3733254.76	1.93E-06	1.93E-06

1765	498102.03	3733005.92	8.83E-07	8.83E-07
1766	498110.4	3732991.12	8.82E-07	8.82E-07
1767	498097.77	3733022.97	9.09E-07	9.09E-07
1768	498097.7	3733032.63	9.36E-07	9.36E-07
1769	498097.62	3733042.28	9.63E-07	9.63E-07
1770	498097.55	3733051.94	9.91E-07	9.91E-07
1771	498097.48	3733061.59	1.02E-06	1.02E-06
1772	498097.4	3733071.25	1.05E-06	1.05E-06
1773	498097.33	3733080.9	1.08E-06	1.08E-06
1774	498097.26	3733090.55	1.11E-06	1.11E-06
1775	498097.18	3733100.21	1.15E-06	1.15E-06
1776	498097.11	3733109.86	1.18E-06	1.18E-06
1777	498097.04	3733119.52	1.22E-06	1.22E-06
1778	498096.96	3733129.17	1.25E-06	1.25E-06
1779	498096.89	3733138.83	1.29E-06	1.29E-06
1780	498096.82	3733148.48	1.33E-06	1.33E-06
1781	498096.74	3733158.14	1.37E-06	1.37E-06
1782	498096.67	3733167.79	1.41E-06	1.41E-06
1783	498096.6	3733177.44	1.45E-06	1.45E-06
1784	498096.52	3733187.1	1.49E-06	1.49E-06
1785	498096.45	3733196.75	1.53E-06	1.53E-06
1786	498096.38	3733206.41	1.57E-06	1.57E-06
1787	498096.3	3733216.06	1.61E-06	1.61E-06
1788	498096.23	3733225.72	1.65E-06	1.65E-06
1789	498096.16	3733235.37	1.69E-06	1.69E-06
1790	498096.09	3733245.02	1.73E-06	1.73E-06
1791	498096.01	3733254.68	1.77E-06	1.77E-06
1792	498092.1	3733005.73	8.40E-07	8.40E-07
1793	498100.6	3732990.69	8.39E-07	8.39E-07
1794	498087.77	3733022.9	8.63E-07	8.63E-07
1795	498087.7	3733032.55	8.87E-07	8.87E-07
1796	498087.62	3733042.21	9.11E-07	9.11E-07
1797	498087.55	3733051.86	9.36E-07	9.36E-07
1798	498087.48	3733061.52	9.62E-07	9.62E-07
1799	498087.4	3733071.17	9.89E-07	9.89E-07
1800	498087.33	3733080.82	1.02E-06	1.02E-06
1801	498087.26	3733090.48	1.04E-06	1.04E-06
1802	498087.18	3733100.13	1.07E-06	1.07E-06
1803	498087.11	3733109.79	1.10E-06	1.10E-06
1804	498087.04	3733119.44	1.14E-06	1.14E-06
1805	498086.96	3733129.1	1.17E-06	1.17E-06
1806	498086.89	3733138.75	1.20E-06	1.20E-06
1807	498086.82	3733148.41	1.23E-06	1.23E-06
1808	498086.74	3733158.06	1.27E-06	1.27E-06
1809	498086.67	3733167.71	1.30E-06	1.30E-06
1810	498086.6	3733177.37	1.34E-06	1.34E-06
1811	498086.52	3733187.02	1.38E-06	1.38E-06
1812	498086.45	3733196.68	1.41E-06	1.41E-06
1813	498086.38	3733206.33	1.45E-06	1.45E-06
1814	498086.31	3733215.99	1.48E-06	1.48E-06
1815	498086.23	3733225.64	1.52E-06	1.52E-06
1816	498086.16	3733235.29	1.56E-06	1.56E-06

1817	498086.09	3733244.95	1.59E-06	1.59E-06
1818	498086.01	3733254.6	1.63E-06	1.63E-06
1819	498082.15	3733005.56	8.00E-07	8.00E-07
1820	498090.76	3732990.33	7.99E-07	7.99E-07
1821	498077.77	3733022.82	8.21E-07	8.21E-07
1822	498077.7	3733032.48	8.42E-07	8.42E-07
1823	498077.62	3733042.13	8.64E-07	8.64E-07
1824	498077.55	3733051.79	8.86E-07	8.86E-07
1825	498077.48	3733061.44	9.10E-07	9.10E-07
1826	498077.4	3733071.09	9.34E-07	9.34E-07
1827	498077.33	3733080.75	9.58E-07	9.58E-07
1828	498077.26	3733090.4	9.84E-07	9.84E-07
1829	498077.18	3733100.06	1.01E-06	1.01E-06
1830	498077.11	3733109.71	1.04E-06	1.04E-06
1831	498077.04	3733119.37	1.06E-06	1.06E-06
1832	498076.96	3733129.02	1.09E-06	1.09E-06
1833	498076.89	3733138.67	1.12E-06	1.12E-06
1834	498076.82	3733148.33	1.15E-06	1.15E-06
1835	498076.74	3733157.98	1.18E-06	1.18E-06
1836	498076.67	3733167.64	1.21E-06	1.21E-06
1837	498076.6	3733177.29	1.25E-06	1.25E-06
1838	498076.52	3733186.95	1.28E-06	1.28E-06
1839	498076.45	3733196.6	1.31E-06	1.31E-06
1840	498076.38	3733206.26	1.34E-06	1.34E-06
1841	498076.31	3733215.91	1.37E-06	1.37E-06
1842	498076.23	3733225.56	1.41E-06	1.41E-06
1843	498076.16	3733235.22	1.44E-06	1.44E-06
1844	498076.09	3733244.87	1.47E-06	1.47E-06
1845	498076.01	3733254.53	1.50E-06	1.50E-06
1846	498072.19	3733005.4	7.63E-07	7.63E-07
1847	498080.89	3732990.03	7.63E-07	7.63E-07
1848	498089.59	3732974.65	7.61E-07	7.61E-07
1849	498067.77	3733022.75	7.82E-07	7.82E-07
1850	498067.7	3733032.4	8.01E-07	8.01E-07
1851	498067.62	3733042.06	8.21E-07	8.21E-07
1852	498067.55	3733051.71	8.42E-07	8.42E-07
1853	498067.48	3733061.36	8.63E-07	8.63E-07
1854	498067.4	3733071.02	8.84E-07	8.84E-07
1855	498067.33	3733080.67	9.06E-07	9.06E-07
1856	498067.26	3733090.33	9.29E-07	9.29E-07
1857	498067.18	3733099.98	9.53E-07	9.53E-07
1858	498067.11	3733109.64	9.77E-07	9.77E-07
1859	498067.04	3733119.29	1.00E-06	1.00E-06
1860	498066.96	3733128.94	1.03E-06	1.03E-06
1861	498066.89	3733138.6	1.05E-06	1.05E-06
1862	498066.82	3733148.25	1.08E-06	1.08E-06
1863	498066.74	3733157.91	1.11E-06	1.11E-06
1864	498066.67	3733167.56	1.13E-06	1.13E-06
1865	498066.6	3733177.22	1.16E-06	1.16E-06
1866	498066.53	3733186.87	1.19E-06	1.19E-06
1867	498066.45	3733196.53	1.22E-06	1.22E-06
1868	498066.38	3733206.18	1.25E-06	1.25E-06

1869	498066.31	3733215.83	1.28E-06	1.28E-06
1870	498066.23	3733225.49	1.31E-06	1.31E-06
1871	498066.16	3733235.14	1.34E-06	1.34E-06
1872	498066.09	3733244.8	1.36E-06	1.36E-06
1873	498066.01	3733254.45	1.39E-06	1.39E-06
1874	498052.26	3733005.13	6.99E-07	6.99E-07
1875	498056.68	3732997.33	6.99E-07	6.99E-07
1876	498065.51	3732981.71	6.99E-07	6.99E-07
1877	498074.34	3732966.1	6.97E-07	6.97E-07
1878	498047.77	3733022.59	7.14E-07	7.14E-07
1879	498047.7	3733032.25	7.30E-07	7.30E-07
1880	498047.62	3733041.9	7.47E-07	7.47E-07
1881	498047.55	3733051.56	7.64E-07	7.64E-07
1882	498047.48	3733061.21	7.81E-07	7.81E-07
1883	498047.4	3733070.87	7.99E-07	7.99E-07
1884	498047.33	3733080.52	8.17E-07	8.17E-07
1885	498047.26	3733090.18	8.36E-07	8.36E-07
1886	498047.18	3733099.83	8.55E-07	8.55E-07
1887	498047.11	3733109.48	8.75E-07	8.75E-07
1888	498047.04	3733119.14	8.95E-07	8.95E-07
1889	498046.97	3733128.79	9.16E-07	9.16E-07
1890	498046.89	3733138.45	9.37E-07	9.37E-07
1891	498046.82	3733148.1	9.58E-07	9.58E-07
1892	498046.75	3733157.76	9.80E-07	9.80E-07
1893	498046.67	3733167.41	1.00E-06	1.00E-06
1894	498046.6	3733177.06	1.03E-06	1.03E-06
1895	498046.53	3733186.72	1.05E-06	1.05E-06
1896	498046.45	3733196.37	1.07E-06	1.07E-06
1897	498046.38	3733206.03	1.10E-06	1.10E-06
1898	498046.31	3733215.68	1.12E-06	1.12E-06
1899	498046.23	3733225.34	1.14E-06	1.14E-06
1900	498046.16	3733234.99	1.17E-06	1.17E-06
1901	498046.09	3733244.65	1.19E-06	1.19E-06
1902	498046.01	3733254.3	1.21E-06	1.21E-06
1903	498032.31	3733004.9	6.43E-07	6.43E-07
1904	498036.78	3732997	6.44E-07	6.44E-07
1905	498041.24	3732989.11	6.44E-07	6.44E-07
1906	498050.17	3732973.32	6.43E-07	6.43E-07
1907	498059.11	3732957.54	6.43E-07	6.43E-07
1908	498027.77	3733022.44	6.56E-07	6.56E-07
1909	498027.7	3733032.1	6.70E-07	6.70E-07
1910	498027.62	3733041.75	6.84E-07	6.84E-07
1911	498027.55	3733051.41	6.98E-07	6.98E-07
1912	498027.48	3733061.06	7.13E-07	7.13E-07
1913	498027.4	3733070.71	7.28E-07	7.28E-07
1914	498027.33	3733080.37	7.43E-07	7.43E-07
1915	498027.26	3733090.02	7.59E-07	7.59E-07
1916	498027.19	3733099.68	7.75E-07	7.75E-07
1917	498027.11	3733109.33	7.91E-07	7.91E-07
1918	498027.04	3733118.99	8.08E-07	8.08E-07
1919	498026.97	3733128.64	8.25E-07	8.25E-07
1920	498026.89	3733138.3	8.42E-07	8.42E-07

1921	498026.82	3733147.95	8.60E-07	8.60E-07
1922	498026.75	3733157.6	8.78E-07	8.78E-07
1923	498026.67	3733167.26	8.97E-07	8.97E-07
1924	498026.6	3733176.91	9.15E-07	9.15E-07
1925	498026.53	3733186.57	9.34E-07	9.34E-07
1926	498026.45	3733196.22	9.53E-07	9.53E-07
1927	498026.38	3733205.88	9.73E-07	9.73E-07
1928	498026.31	3733215.53	9.92E-07	9.92E-07
1929	498026.23	3733225.19	1.01E-06	1.01E-06
1930	498026.16	3733234.84	1.03E-06	1.03E-06
1931	498026.09	3733244.49	1.05E-06	1.05E-06
1932	498026.01	3733254.15	1.07E-06	1.07E-06
1933	498012.35	3733004.68	5.96E-07	5.96E-07
1934	498016.85	3732996.72	5.96E-07	5.96E-07
1935	498021.36	3732988.76	5.96E-07	5.96E-07
1936	498025.86	3732980.8	5.96E-07	5.96E-07
1937	498030.36	3732972.84	5.96E-07	5.96E-07
1938	498039.37	3732956.92	5.95E-07	5.95E-07
1939	498007.84	3733012.64	5.95E-07	5.95E-07
1940	498007.77	3733022.29	6.06E-07	6.06E-07
1941	498007.7	3733031.95	6.18E-07	6.18E-07
1942	498007.62	3733041.6	6.30E-07	6.30E-07
1943	498007.55	3733051.25	6.42E-07	6.42E-07
1944	498007.48	3733060.91	6.55E-07	6.55E-07
1945	498007.41	3733070.56	6.68E-07	6.68E-07
1946	498007.33	3733080.22	6.81E-07	6.81E-07
1947	498007.26	3733089.87	6.94E-07	6.94E-07
1948	498007.19	3733099.53	7.07E-07	7.07E-07
1949	498007.11	3733109.18	7.21E-07	7.21E-07
1950	498007.04	3733118.84	7.35E-07	7.35E-07
1951	498006.97	3733128.49	7.49E-07	7.49E-07
1952	498006.89	3733138.14	7.64E-07	7.64E-07
1953	498006.82	3733147.8	7.79E-07	7.79E-07
1954	498006.75	3733157.45	7.94E-07	7.94E-07
1955	498006.67	3733167.11	8.10E-07	8.10E-07
1956	498006.6	3733176.76	8.25E-07	8.25E-07
1957	498006.53	3733186.42	8.41E-07	8.41E-07
1958	498006.45	3733196.07	8.57E-07	8.57E-07
1959	498006.38	3733205.72	8.73E-07	8.73E-07
1960	498006.31	3733215.38	8.89E-07	8.89E-07
1961	498006.23	3733225.03	9.06E-07	9.06E-07
1962	498006.16	3733234.69	9.23E-07	9.23E-07
1963	498006.09	3733244.34	9.40E-07	9.40E-07
1964	498006.01	3733254	9.57E-07	9.57E-07
1965	497992.38	3733004.47	5.53E-07	5.53E-07
1966	497996.91	3732996.46	5.54E-07	5.54E-07
1967	498001.44	3732988.45	5.54E-07	5.54E-07
1968	498005.98	3732980.44	5.54E-07	5.54E-07
1969	498010.51	3732972.43	5.54E-07	5.54E-07
1970	498015.04	3732964.41	5.54E-07	5.54E-07
1971	498019.58	3732956.4	5.54E-07	5.54E-07
1972	497987.85	3733012.49	5.53E-07	5.53E-07

1973	497987.77	3733022.14	5.63E-07	5.63E-07
1974	497987.7	3733031.79	5.73E-07	5.73E-07
1975	497987.63	3733041.45	5.83E-07	5.83E-07
1976	497987.55	3733051.1	5.94E-07	5.94E-07
1977	497987.48	3733060.76	6.05E-07	6.05E-07
1978	497987.41	3733070.41	6.16E-07	6.16E-07
1979	497987.33	3733080.07	6.27E-07	6.27E-07
1980	497987.26	3733089.72	6.38E-07	6.38E-07
1981	497987.19	3733099.37	6.50E-07	6.50E-07
1982	497987.11	3733109.03	6.62E-07	6.62E-07
1983	497987.04	3733118.68	6.74E-07	6.74E-07
1984	497986.97	3733128.34	6.86E-07	6.86E-07
1985	497986.89	3733137.99	6.98E-07	6.98E-07
1986	497986.82	3733147.65	7.11E-07	7.11E-07
1987	497986.75	3733157.3	7.24E-07	7.24E-07
1988	497986.67	3733166.96	7.37E-07	7.37E-07
1989	497986.6	3733176.61	7.50E-07	7.50E-07
1990	497986.53	3733186.26	7.63E-07	7.63E-07
1991	497986.45	3733195.92	7.77E-07	7.77E-07
1992	497986.38	3733205.57	7.91E-07	7.91E-07
1993	497986.31	3733215.23	8.05E-07	8.05E-07
1994	497986.23	3733224.88	8.18E-07	8.18E-07
1995	497986.16	3733234.54	8.32E-07	8.32E-07
1996	497986.09	3733244.19	8.46E-07	8.46E-07
1997	497986.02	3733253.85	8.61E-07	8.61E-07
1998	497972.4	3733004.28	5.16E-07	5.16E-07
1999	497976.96	3732996.23	5.17E-07	5.17E-07
2000	497981.52	3732988.17	5.17E-07	5.17E-07
2001	497986.07	3732980.12	5.17E-07	5.17E-07
2002	497990.63	3732972.06	5.17E-07	5.17E-07
2003	497995.19	3732964.01	5.18E-07	5.18E-07
2004	497999.75	3732955.95	5.18E-07	5.18E-07
2005	497967.85	3733012.33	5.16E-07	5.16E-07
2006	497967.77	3733021.99	5.24E-07	5.24E-07
2007	497967.7	3733031.64	5.33E-07	5.33E-07
2008	497967.63	3733041.3	5.42E-07	5.42E-07
2009	497967.55	3733050.95	5.52E-07	5.52E-07
2010	497967.48	3733060.61	5.61E-07	5.61E-07
2011	497967.41	3733070.26	5.71E-07	5.71E-07
2012	497967.33	3733079.91	5.80E-07	5.80E-07
2013	497967.26	3733089.57	5.90E-07	5.90E-07
2014	497967.19	3733099.22	6.00E-07	6.00E-07
2015	497967.11	3733108.88	6.11E-07	6.11E-07
2016	497967.04	3733118.53	6.21E-07	6.21E-07
2017	497966.97	3733128.19	6.31E-07	6.31E-07
2018	497966.89	3733137.84	6.42E-07	6.42E-07
2019	497966.82	3733147.5	6.53E-07	6.53E-07
2020	497966.75	3733157.15	6.64E-07	6.64E-07
2021	497966.67	3733166.8	6.75E-07	6.75E-07
2022	497966.6	3733176.46	6.86E-07	6.86E-07
2023	497966.53	3733186.11	6.98E-07	6.98E-07
2024	497966.45	3733195.77	7.09E-07	7.09E-07

2025	497966.38	3733205.42	7.21E-07	7.21E-07
2026	497966.31	3733215.08	7.33E-07	7.33E-07
2027	497966.24	3733224.73	7.45E-07	7.45E-07
2028	497966.16	3733234.38	7.57E-07	7.57E-07
2029	497966.09	3733244.04	7.69E-07	7.69E-07
2030	497966.02	3733253.69	7.81E-07	7.81E-07
2031	497952.42	3733004.09	4.83E-07	4.83E-07
2032	497957	3732996	4.84E-07	4.84E-07
2033	497961.58	3732987.91	4.84E-07	4.84E-07
2034	497966.15	3732979.83	4.84E-07	4.84E-07
2035	497970.73	3732971.74	4.85E-07	4.85E-07
2036	497975.31	3732963.65	4.85E-07	4.85E-07
2037	497979.88	3732955.56	4.85E-07	4.85E-07
2038	497947.85	3733012.18	4.83E-07	4.83E-07
2039	497947.77	3733021.84	4.90E-07	4.90E-07
2040	497947.7	3733031.49	4.98E-07	4.98E-07
2041	497947.63	3733041.15	5.06E-07	5.06E-07
2042	497947.55	3733050.8	5.14E-07	5.14E-07
2043	497947.48	3733060.45	5.23E-07	5.23E-07
2044	497947.41	3733070.11	5.31E-07	5.31E-07
2045	497947.33	3733079.76	5.40E-07	5.40E-07
2046	497947.26	3733089.42	5.48E-07	5.48E-07
2047	497947.19	3733099.07	5.57E-07	5.57E-07
2048	497947.11	3733108.73	5.66E-07	5.66E-07
2049	497947.04	3733118.38	5.75E-07	5.75E-07
2050	497946.97	3733128.03	5.84E-07	5.84E-07
2051	497946.89	3733137.69	5.93E-07	5.93E-07
2052	497946.82	3733147.34	6.03E-07	6.03E-07
2053	497946.75	3733157	6.12E-07	6.12E-07
2054	497946.68	3733166.65	6.22E-07	6.22E-07
2055	497946.6	3733176.31	6.32E-07	6.32E-07
2056	497946.53	3733185.96	6.42E-07	6.42E-07
2057	497946.46	3733195.62	6.51E-07	6.51E-07
2058	497946.38	3733205.27	6.61E-07	6.61E-07
2059	497946.31	3733214.92	6.71E-07	6.71E-07
2060	497946.24	3733224.58	6.82E-07	6.82E-07
2061	497946.16	3733234.23	6.92E-07	6.92E-07
2062	497946.09	3733243.89	7.03E-07	7.03E-07
2063	497946.02	3733253.54	7.14E-07	7.14E-07
2064	497932.44	3733003.91	4.54E-07	4.54E-07
2065	497937.03	3732995.79	4.54E-07	4.54E-07
2066	497941.63	3732987.67	4.55E-07	4.55E-07
2067	497946.22	3732979.56	4.55E-07	4.55E-07
2068	497950.81	3732971.44	4.55E-07	4.55E-07
2069	497955.41	3732963.32	4.55E-07	4.55E-07
2070	497960	3732955.2	4.56E-07	4.56E-07
2071	497927.85	3733012.03	4.53E-07	4.53E-07
2072	497927.77	3733021.68	4.60E-07	4.60E-07
2073	497927.7	3733031.34	4.67E-07	4.67E-07
2074	497927.63	3733040.99	4.74E-07	4.74E-07
2075	497927.55	3733050.65	4.81E-07	4.81E-07
2076	497927.48	3733060.3	4.89E-07	4.89E-07

2077	497927.41	3733069.96	4.96E-07	4.96E-07
2078	497927.33	3733079.61	5.04E-07	5.04E-07
2079	497927.26	3733089.27	5.11E-07	5.11E-07
2080	497927.19	3733098.92	5.19E-07	5.19E-07
2081	497927.11	3733108.57	5.27E-07	5.27E-07
2082	497927.04	3733118.23	5.35E-07	5.35E-07
2083	497926.97	3733127.88	5.43E-07	5.43E-07
2084	497926.9	3733137.54	5.51E-07	5.51E-07
2085	497926.82	3733147.19	5.59E-07	5.59E-07
2086	497926.75	3733156.85	5.67E-07	5.67E-07
2087	497926.68	3733166.5	5.75E-07	5.75E-07
2088	497926.6	3733176.16	5.84E-07	5.84E-07
2089	497926.53	3733185.81	5.93E-07	5.93E-07
2090	497926.46	3733195.46	6.01E-07	6.01E-07
2091	497926.38	3733205.12	6.10E-07	6.10E-07
2092	497926.31	3733214.77	6.19E-07	6.19E-07
2093	497926.24	3733224.43	6.28E-07	6.28E-07
2094	497926.16	3733234.08	6.37E-07	6.37E-07
2095	497926.09	3733243.74	6.46E-07	6.46E-07
2096	497926.02	3733253.39	6.56E-07	6.56E-07
2097	497912.46	3733003.74	4.27E-07	4.27E-07
2098	497917.06	3732995.59	4.28E-07	4.28E-07
2099	497921.67	3732987.45	4.28E-07	4.28E-07
2100	497926.28	3732979.3	4.29E-07	4.29E-07
2101	497930.89	3732971.16	4.29E-07	4.29E-07
2102	497935.49	3732963.02	4.29E-07	4.29E-07
2103	497940.1	3732954.87	4.29E-07	4.29E-07
2104	497907.85	3733011.88	4.27E-07	4.27E-07
2105	497907.77	3733021.53	4.33E-07	4.33E-07
2106	497907.7	3733031.19	4.39E-07	4.39E-07
2107	497907.63	3733040.84	4.46E-07	4.46E-07
2108	497907.55	3733050.5	4.52E-07	4.52E-07
2109	497907.48	3733060.15	4.58E-07	4.58E-07
2110	497907.41	3733069.81	4.65E-07	4.65E-07
2111	497907.34	3733079.46	4.72E-07	4.72E-07
2112	497907.26	3733089.11	4.78E-07	4.78E-07
2113	497907.19	3733098.77	4.85E-07	4.85E-07
2114	497907.12	3733108.42	4.92E-07	4.92E-07
2115	497907.04	3733118.08	4.99E-07	4.99E-07
2116	497906.97	3733127.73	5.06E-07	5.06E-07
2117	497906.9	3733137.39	5.13E-07	5.13E-07
2118	497906.82	3733147.04	5.20E-07	5.20E-07
2119	497906.75	3733156.69	5.27E-07	5.27E-07
2120	497906.68	3733166.35	5.35E-07	5.35E-07
2121	497906.6	3733176	5.42E-07	5.42E-07
2122	497906.53	3733185.66	5.50E-07	5.50E-07
2123	497906.46	3733195.31	5.58E-07	5.58E-07
2124	497906.38	3733204.97	5.66E-07	5.66E-07
2125	497906.31	3733214.62	5.73E-07	5.73E-07
2126	497906.24	3733224.28	5.81E-07	5.81E-07
2127	497906.16	3733233.93	5.89E-07	5.89E-07
2128	497906.09	3733243.58	5.97E-07	5.97E-07

2129	497906.02	3733253.24	6.05E-07	6.05E-07
2130	497892.47	3733003.56	4.03E-07	4.03E-07
2131	497897.09	3732995.4	4.04E-07	4.04E-07
2132	497901.71	3732987.23	4.04E-07	4.04E-07
2133	497906.33	3732979.07	4.05E-07	4.05E-07
2134	497910.95	3732970.9	4.05E-07	4.05E-07
2135	497915.57	3732962.74	4.05E-07	4.05E-07
2136	497920.19	3732954.57	4.05E-07	4.05E-07
2137	497887.85	3733011.73	4.03E-07	4.03E-07
2138	497887.77	3733021.38	4.08E-07	4.08E-07
2139	497887.7	3733031.04	4.14E-07	4.14E-07
2140	497887.63	3733040.69	4.20E-07	4.20E-07
2141	497887.56	3733050.34	4.25E-07	4.25E-07
2142	497887.48	3733060	4.31E-07	4.31E-07
2143	497887.41	3733069.65	4.37E-07	4.37E-07
2144	497887.34	3733079.31	4.43E-07	4.43E-07
2145	497887.26	3733088.96	4.49E-07	4.49E-07
2146	497887.19	3733098.62	4.55E-07	4.55E-07
2147	497887.12	3733108.27	4.61E-07	4.61E-07
2148	497887.04	3733117.93	4.67E-07	4.67E-07
2149	497886.97	3733127.58	4.74E-07	4.74E-07
2150	497886.9	3733137.23	4.80E-07	4.80E-07
2151	497886.82	3733146.89	4.86E-07	4.86E-07
2152	497886.75	3733156.54	4.93E-07	4.93E-07
2153	497886.68	3733166.2	4.99E-07	4.99E-07
2154	497886.6	3733175.85	5.06E-07	5.06E-07
2155	497886.53	3733185.51	5.13E-07	5.13E-07
2156	497886.46	3733195.16	5.20E-07	5.20E-07
2157	497886.38	3733204.82	5.26E-07	5.26E-07
2158	497886.31	3733214.47	5.33E-07	5.33E-07
2159	497886.24	3733224.12	5.40E-07	5.40E-07
2160	497886.16	3733233.78	5.47E-07	5.47E-07
2161	497886.09	3733243.43	5.54E-07	5.54E-07
2162	497886.02	3733253.09	5.61E-07	5.61E-07
2163	497872.48	3733003.39	3.82E-07	3.82E-07
2164	497877.11	3732995.21	3.82E-07	3.82E-07
2165	497881.74	3732987.02	3.83E-07	3.83E-07
2166	497886.37	3732978.84	3.83E-07	3.83E-07
2167	497891	3732970.66	3.83E-07	3.83E-07
2168	497895.63	3732962.47	3.84E-07	3.84E-07
2169	497900.26	3732954.29	3.84E-07	3.84E-07
2170	497867.85	3733011.58	3.81E-07	3.81E-07
2171	497867.78	3733021.23	3.86E-07	3.86E-07
2172	497867.7	3733030.88	3.91E-07	3.91E-07
2173	497867.63	3733040.54	3.96E-07	3.96E-07
2174	497867.56	3733050.19	4.01E-07	4.01E-07
2175	497867.48	3733059.85	4.06E-07	4.06E-07
2176	497867.41	3733069.5	4.12E-07	4.12E-07
2177	497867.34	3733079.16	4.17E-07	4.17E-07
2178	497867.26	3733088.81	4.23E-07	4.23E-07
2179	497867.19	3733098.47	4.28E-07	4.28E-07
2180	497867.12	3733108.12	4.33E-07	4.33E-07

2181	497867.04	3733117.77	4.39E-07	4.39E-07
2182	497866.97	3733127.43	4.44E-07	4.44E-07
2183	497866.9	3733137.08	4.50E-07	4.50E-07
2184	497866.82	3733146.74	4.56E-07	4.56E-07
2185	497866.75	3733156.39	4.62E-07	4.62E-07
2186	497866.68	3733166.05	4.68E-07	4.68E-07
2187	497866.6	3733175.7	4.74E-07	4.74E-07
2188	497866.53	3733185.35	4.80E-07	4.80E-07
2189	497866.46	3733195.01	4.85E-07	4.85E-07
2190	497866.38	3733204.66	4.91E-07	4.91E-07
2191	497866.31	3733214.32	4.97E-07	4.97E-07
2192	497866.24	3733223.97	5.02E-07	5.02E-07
2193	497866.17	3733233.63	5.03E-07	5.03E-07
2194	497866.09	3733243.28	5.07E-07	5.07E-07
2195	497866.02	3733252.94	5.15E-07	5.15E-07
2196	497835.1	3733002.9	3.46E-07	3.46E-07
2197	497839.85	3732994.5	3.46E-07	3.46E-07
2198	497844.6	3732986.11	3.47E-07	3.47E-07
2199	497849.35	3732977.71	3.47E-07	3.47E-07
2200	497854.1	3732969.32	3.47E-07	3.47E-07
2201	497858.85	3732960.92	3.48E-07	3.48E-07
2202	497863.6	3732952.53	3.48E-07	3.48E-07
2203	497830.35	3733011.29	3.45E-07	3.45E-07
2204	497830.28	3733020.95	3.49E-07	3.49E-07
2205	497830.2	3733030.6	3.53E-07	3.53E-07
2206	497830.13	3733040.25	3.58E-07	3.58E-07
2207	497830.06	3733049.91	3.62E-07	3.62E-07
2208	497829.98	3733059.56	3.66E-07	3.66E-07
2209	497829.91	3733069.22	3.71E-07	3.71E-07
2210	497829.84	3733078.87	3.75E-07	3.75E-07
2211	497829.76	3733088.53	3.79E-07	3.79E-07
2212	497829.69	3733098.18	3.84E-07	3.84E-07
2213	497829.62	3733107.84	3.88E-07	3.88E-07
2214	497829.54	3733117.49	3.93E-07	3.93E-07
2215	497829.47	3733127.14	3.98E-07	3.98E-07
2216	497829.4	3733136.8	4.02E-07	4.02E-07
2217	497829.32	3733146.45	4.07E-07	4.07E-07
2218	497829.25	3733156.11	4.12E-07	4.12E-07
2219	497829.18	3733165.76	4.17E-07	4.17E-07
2220	497829.11	3733175.42	4.22E-07	4.22E-07
2221	497829.03	3733185.07	4.27E-07	4.27E-07
2222	497828.96	3733194.72	4.31E-07	4.31E-07
2223	497828.89	3733204.38	4.36E-07	4.36E-07
2224	497828.81	3733214.03	4.41E-07	4.41E-07
2225	497828.74	3733223.69	4.46E-07	4.46E-07
2226	497828.67	3733233.34	4.46E-07	4.46E-07
2227	497828.59	3733243	4.48E-07	4.48E-07
2228	497828.52	3733252.65	4.52E-07	4.52E-07
2229	497797.57	3733002.66	3.15E-07	3.15E-07
2230	497802.29	3732994.32	3.16E-07	3.16E-07
2231	497807.02	3732985.97	3.16E-07	3.16E-07
2232	497811.74	3732977.62	3.17E-07	3.17E-07

2233	497816.46	3732969.28	3.17E-07	3.17E-07
2234	497821.18	3732960.93	3.17E-07	3.17E-07
2235	497825.9	3732952.59	3.18E-07	3.18E-07
2236	497792.85	3733011.01	3.15E-07	3.15E-07
2237	497792.78	3733020.66	3.18E-07	3.18E-07
2238	497792.7	3733030.32	3.22E-07	3.22E-07
2239	497792.63	3733039.97	3.25E-07	3.25E-07
2240	497792.56	3733049.62	3.29E-07	3.29E-07
2241	497792.48	3733059.28	3.33E-07	3.33E-07
2242	497792.41	3733068.93	3.36E-07	3.36E-07
2243	497792.34	3733078.59	3.40E-07	3.40E-07
2244	497792.27	3733088.24	3.44E-07	3.44E-07
2245	497792.19	3733097.9	3.47E-07	3.47E-07
2246	497792.12	3733107.55	3.51E-07	3.51E-07
2247	497792.05	3733117.21	3.55E-07	3.55E-07
2248	497791.97	3733126.86	3.59E-07	3.59E-07
2249	497791.9	3733136.51	3.63E-07	3.63E-07
2250	497791.83	3733146.17	3.67E-07	3.67E-07
2251	497791.75	3733155.82	3.71E-07	3.71E-07
2252	497791.68	3733165.48	3.75E-07	3.75E-07
2253	497791.61	3733175.13	3.79E-07	3.79E-07
2254	497791.53	3733184.79	3.83E-07	3.83E-07
2255	497791.46	3733194.44	3.87E-07	3.87E-07
2256	497791.39	3733204.09	3.91E-07	3.91E-07
2257	497791.31	3733213.75	3.95E-07	3.95E-07
2258	497791.24	3733223.4	3.99E-07	3.99E-07
2259	497791.17	3733233.06	4.03E-07	4.03E-07
2260	497791.09	3733242.71	4.07E-07	4.07E-07
2261	497791.02	3733252.37	4.07E-07	4.07E-07
2262	497760.05	3733002.42	2.89E-07	2.89E-07
2263	497764.75	3732994.11	2.89E-07	2.89E-07
2264	497769.45	3732985.81	2.90E-07	2.90E-07
2265	497774.15	3732977.5	2.90E-07	2.90E-07
2266	497778.85	3732969.19	2.91E-07	2.91E-07
2267	497783.55	3732960.89	2.91E-07	2.91E-07
2268	497788.25	3732952.58	2.91E-07	2.91E-07
2269	497755.35	3733010.72	2.89E-07	2.89E-07
2270	497755.28	3733020.38	2.92E-07	2.92E-07
2271	497755.21	3733030.03	2.95E-07	2.95E-07
2272	497755.13	3733039.69	2.98E-07	2.98E-07
2273	497755.06	3733049.34	3.01E-07	3.01E-07
2274	497754.99	3733058.99	3.04E-07	3.04E-07
2275	497754.91	3733068.65	3.07E-07	3.07E-07
2276	497754.84	3733078.3	3.10E-07	3.10E-07
2277	497754.77	3733087.96	3.13E-07	3.13E-07
2278	497754.69	3733097.61	3.16E-07	3.16E-07
2279	497754.62	3733107.27	3.20E-07	3.20E-07
2280	497754.55	3733116.92	3.23E-07	3.23E-07
2281	497754.47	3733126.58	3.26E-07	3.26E-07
2282	497754.4	3733136.23	3.29E-07	3.29E-07
2283	497754.33	3733145.88	3.33E-07	3.33E-07
2284	497754.25	3733155.54	3.36E-07	3.36E-07

2285	497754.18	3733165.19	3.39E-07	3.39E-07
2286	497754.11	3733174.85	3.43E-07	3.43E-07
2287	497754.03	3733184.5	3.46E-07	3.46E-07
2288	497753.96	3733194.16	3.49E-07	3.49E-07
2289	497753.89	3733203.81	3.53E-07	3.53E-07
2290	497753.81	3733213.46	3.56E-07	3.56E-07
2291	497753.74	3733223.12	3.60E-07	3.60E-07
2292	497753.67	3733232.77	3.63E-07	3.63E-07
2293	497753.6	3733242.43	3.67E-07	3.67E-07
2294	497753.52	3733252.08	3.70E-07	3.70E-07
2295	497722.53	3733002.17	2.66E-07	2.66E-07
2296	497727.21	3732993.89	2.67E-07	2.67E-07
2297	497731.9	3732985.62	2.67E-07	2.67E-07
2298	497736.58	3732977.35	2.67E-07	2.67E-07
2299	497741.26	3732969.07	2.68E-07	2.68E-07
2300	497745.94	3732960.8	2.68E-07	2.68E-07
2301	497750.62	3732952.53	2.68E-07	2.68E-07
2302	497717.85	3733010.44	2.66E-07	2.66E-07
2303	497717.78	3733020.09	2.68E-07	2.68E-07
2304	497717.71	3733029.75	2.71E-07	2.71E-07
2305	497717.63	3733039.4	2.73E-07	2.73E-07
2306	497717.56	3733049.06	2.76E-07	2.76E-07
2307	497717.49	3733058.71	2.79E-07	2.79E-07
2308	497717.41	3733068.36	2.81E-07	2.81E-07
2309	497717.34	3733078.02	2.84E-07	2.84E-07
2310	497717.27	3733087.67	2.87E-07	2.87E-07
2311	497717.19	3733097.33	2.90E-07	2.90E-07
2312	497717.12	3733106.98	2.92E-07	2.92E-07
2313	497717.05	3733116.64	2.95E-07	2.95E-07
2314	497716.97	3733126.29	2.98E-07	2.98E-07
2315	497716.9	3733135.95	3.01E-07	3.01E-07
2316	497716.83	3733145.6	3.04E-07	3.04E-07
2317	497716.75	3733155.25	3.06E-07	3.06E-07
2318	497716.68	3733164.91	3.09E-07	3.09E-07
2319	497716.61	3733174.56	3.12E-07	3.12E-07
2320	497716.54	3733184.22	3.15E-07	3.15E-07
2321	497716.46	3733193.87	3.18E-07	3.18E-07
2322	497716.39	3733203.53	3.21E-07	3.21E-07
2323	497716.32	3733213.18	3.24E-07	3.24E-07
2324	497716.24	3733222.83	3.27E-07	3.27E-07
2325	497716.17	3733232.49	3.30E-07	3.30E-07
2326	497716.1	3733242.14	3.33E-07	3.33E-07
2327	497716.02	3733251.8	3.36E-07	3.36E-07
2328	497685.02	3733001.91	2.46E-07	2.46E-07
2329	497689.68	3732993.66	2.47E-07	2.47E-07
2330	497694.35	3732985.42	2.47E-07	2.47E-07
2331	497699.02	3732977.17	2.47E-07	2.47E-07
2332	497703.68	3732968.93	2.48E-07	2.48E-07
2333	497708.35	3732960.68	2.48E-07	2.48E-07
2334	497713.01	3732952.44	2.48E-07	2.48E-07
2335	497680.35	3733010.15	2.46E-07	2.46E-07
2336	497680.28	3733019.81	2.48E-07	2.48E-07

2337	497680.21	3733029.46	2.50E-07	2.50E-07
2338	497680.13	3733039.12	2.53E-07	2.53E-07
2339	497680.06	3733048.77	2.55E-07	2.55E-07
2340	497679.99	3733058.43	2.57E-07	2.57E-07
2341	497679.91	3733068.08	2.59E-07	2.59E-07
2342	497679.84	3733077.73	2.62E-07	2.62E-07
2343	497679.77	3733087.39	2.64E-07	2.64E-07
2344	497679.7	3733097.04	2.67E-07	2.67E-07
2345	497679.62	3733106.7	2.69E-07	2.69E-07
2346	497679.55	3733116.35	2.71E-07	2.71E-07
2347	497679.48	3733126.01	2.74E-07	2.74E-07
2348	497679.4	3733135.66	2.76E-07	2.76E-07
2349	497679.33	3733145.32	2.79E-07	2.79E-07
2350	497679.26	3733154.97	2.81E-07	2.81E-07
2351	497679.18	3733164.62	2.84E-07	2.84E-07
2352	497679.11	3733174.28	2.86E-07	2.86E-07
2353	497679.04	3733183.93	2.89E-07	2.89E-07
2354	497678.96	3733193.59	2.91E-07	2.91E-07
2355	497678.89	3733203.24	2.93E-07	2.93E-07
2356	497678.82	3733212.9	2.96E-07	2.96E-07
2357	497678.74	3733222.55	2.98E-07	2.98E-07
2358	497678.67	3733232.21	3.01E-07	3.01E-07
2359	497678.6	3733241.86	3.04E-07	3.04E-07
2360	497678.52	3733251.51	3.06E-07	3.06E-07
2361	497647.59	3733001.49	2.29E-07	2.29E-07
2362	497652.33	3732993.12	2.29E-07	2.29E-07
2363	497657.07	3732984.74	2.29E-07	2.29E-07
2364	497661.81	3732976.36	2.30E-07	2.30E-07
2365	497666.55	3732967.98	2.30E-07	2.30E-07
2366	497671.29	3732959.61	2.30E-07	2.30E-07
2367	497676.03	3732951.23	2.31E-07	2.31E-07
2368	497642.86	3733009.87	2.28E-07	2.28E-07
2369	497642.78	3733019.52	2.30E-07	2.30E-07
2370	497642.71	3733029.18	2.32E-07	2.32E-07
2371	497642.64	3733038.83	2.34E-07	2.34E-07
2372	497642.56	3733048.49	2.36E-07	2.36E-07
2373	497642.49	3733058.14	2.38E-07	2.38E-07
2374	497642.42	3733067.8	2.40E-07	2.40E-07
2375	497642.34	3733077.45	2.42E-07	2.42E-07
2376	497642.27	3733087.1	2.44E-07	2.44E-07
2377	497642.2	3733096.76	2.46E-07	2.46E-07
2378	497642.12	3733106.41	2.48E-07	2.48E-07
2379	497642.05	3733116.07	2.51E-07	2.51E-07
2380	497641.98	3733125.72	2.53E-07	2.53E-07
2381	497641.9	3733135.38	2.55E-07	2.55E-07
2382	497641.83	3733145.03	2.57E-07	2.57E-07
2383	497641.76	3733154.69	2.59E-07	2.59E-07
2384	497641.68	3733164.34	2.61E-07	2.61E-07
2385	497641.61	3733173.99	2.63E-07	2.63E-07
2386	497641.54	3733183.65	2.66E-07	2.66E-07
2387	497641.46	3733193.3	2.68E-07	2.68E-07
2388	497641.39	3733202.96	2.70E-07	2.70E-07

2389	497641.32	3733212.61	2.72E-07	2.72E-07
2390	497641.24	3733222.27	2.74E-07	2.74E-07
2391	497641.17	3733231.92	2.76E-07	2.76E-07
2392	497641.1	3733241.58	2.79E-07	2.79E-07
2393	497641.03	3733251.23	2.81E-07	2.81E-07
2394	497610.08	3733001.24	2.13E-07	2.13E-07
2395	497614.8	3732992.89	2.13E-07	2.13E-07
2396	497619.52	3732984.55	2.14E-07	2.14E-07
2397	497624.24	3732976.2	2.14E-07	2.14E-07
2398	497628.97	3732967.86	2.14E-07	2.14E-07
2399	497633.69	3732959.51	2.15E-07	2.15E-07
2400	497638.41	3732951.17	2.15E-07	2.15E-07
2401	497605.36	3733009.59	2.13E-07	2.13E-07
2402	497605.28	3733019.24	2.15E-07	2.15E-07
2403	497605.21	3733028.89	2.16E-07	2.16E-07
2404	497605.14	3733038.55	2.18E-07	2.18E-07
2405	497605.06	3733048.2	2.20E-07	2.20E-07
2406	497604.99	3733057.86	2.22E-07	2.22E-07
2407	497604.92	3733067.51	2.23E-07	2.23E-07
2408	497604.84	3733077.17	2.25E-07	2.25E-07
2409	497604.77	3733086.82	2.27E-07	2.27E-07
2410	497604.7	3733096.47	2.29E-07	2.29E-07
2411	497604.62	3733106.13	2.31E-07	2.31E-07
2412	497604.55	3733115.78	2.32E-07	2.32E-07
2413	497604.48	3733125.44	2.34E-07	2.34E-07
2414	497604.4	3733135.09	2.36E-07	2.36E-07
2415	497604.33	3733144.75	2.38E-07	2.38E-07
2416	497604.26	3733154.4	2.40E-07	2.40E-07
2417	497604.18	3733164.06	2.42E-07	2.42E-07
2418	497604.11	3733173.71	2.44E-07	2.44E-07
2419	497604.04	3733183.36	2.45E-07	2.45E-07
2420	497603.97	3733193.02	2.47E-07	2.47E-07
2421	497603.89	3733202.67	2.49E-07	2.49E-07
2422	497603.82	3733212.33	2.51E-07	2.51E-07
2423	497603.75	3733221.98	2.53E-07	2.53E-07
2424	497603.67	3733231.64	2.55E-07	2.55E-07
2425	497603.6	3733241.29	2.57E-07	2.57E-07
2426	497603.53	3733250.95	2.59E-07	2.59E-07
2427	497572.56	3733000.98	1.99E-07	1.99E-07
2428	497577.27	3732992.66	1.99E-07	1.99E-07
2429	497581.98	3732984.35	2.00E-07	2.00E-07
2430	497586.68	3732976.03	2.00E-07	2.00E-07
2431	497591.39	3732967.71	2.00E-07	2.00E-07
2432	497596.1	3732959.39	2.01E-07	2.01E-07
2433	497600.8	3732951.07	2.01E-07	2.01E-07
2434	497567.86	3733009.3	1.99E-07	1.99E-07
2435	497567.78	3733018.96	2.00E-07	2.00E-07
2436	497567.71	3733028.61	2.02E-07	2.02E-07
2437	497567.64	3733038.26	2.03E-07	2.03E-07
2438	497567.56	3733047.92	2.05E-07	2.05E-07
2439	497567.49	3733057.57	2.07E-07	2.07E-07
2440	497567.42	3733067.23	2.08E-07	2.08E-07

2441	497567.34	3733076.88	2.10E-07	2.10E-07
2442	497567.27	3733086.54	2.11E-07	2.11E-07
2443	497567.2	3733096.19	2.13E-07	2.13E-07
2444	497567.13	3733105.84	2.15E-07	2.15E-07
2445	497567.05	3733115.5	2.16E-07	2.16E-07
2446	497566.98	3733125.15	2.18E-07	2.18E-07
2447	497566.91	3733134.81	2.20E-07	2.20E-07
2448	497566.83	3733144.46	2.21E-07	2.21E-07
2449	497566.76	3733154.12	2.23E-07	2.23E-07
2450	497566.69	3733163.77	2.25E-07	2.25E-07
2451	497566.61	3733173.43	2.26E-07	2.26E-07
2452	497566.54	3733183.08	2.28E-07	2.28E-07
2453	497566.47	3733192.73	2.29E-07	2.29E-07
2454	497566.39	3733202.39	2.31E-07	2.31E-07
2455	497566.32	3733212.04	2.33E-07	2.33E-07
2456	497566.25	3733221.7	2.35E-07	2.35E-07
2457	497566.17	3733231.35	2.36E-07	2.36E-07
2458	497566.1	3733241.01	2.38E-07	2.38E-07
2459	497566.03	3733250.66	2.40E-07	2.40E-07
2460	497515.41	3733000.57	1.81E-07	1.81E-07
2461	497520.1	3732992.28	1.81E-07	1.81E-07
2462	497524.8	3732983.98	1.81E-07	1.81E-07
2463	497529.49	3732975.69	1.81E-07	1.81E-07
2464	497534.18	3732967.39	1.82E-07	1.82E-07
2465	497538.87	3732959.1	1.82E-07	1.82E-07
2466	497543.57	3732950.81	1.82E-07	1.82E-07
2467	497510.72	3733008.87	1.80E-07	1.80E-07
2468	497510.64	3733018.52	1.82E-07	1.82E-07
2469	497510.57	3733028.18	1.83E-07	1.83E-07
2470	497510.5	3733037.83	1.84E-07	1.84E-07
2471	497510.42	3733047.49	1.86E-07	1.86E-07
2472	497510.35	3733057.14	1.87E-07	1.87E-07
2473	497510.28	3733066.79	1.88E-07	1.88E-07
2474	497510.2	3733076.45	1.90E-07	1.90E-07
2475	497510.13	3733086.1	1.91E-07	1.91E-07
2476	497510.06	3733095.76	1.92E-07	1.92E-07
2477	497509.98	3733105.41	1.94E-07	1.94E-07
2478	497509.91	3733115.07	1.95E-07	1.95E-07
2479	497509.84	3733124.72	1.96E-07	1.96E-07
2480	497509.76	3733134.37	1.98E-07	1.98E-07
2481	497509.69	3733144.03	1.99E-07	1.99E-07
2482	497509.62	3733153.68	2.01E-07	2.01E-07
2483	497509.54	3733163.34	2.02E-07	2.02E-07
2484	497509.47	3733172.99	2.03E-07	2.03E-07
2485	497509.4	3733182.65	2.05E-07	2.05E-07
2486	497509.33	3733192.3	2.06E-07	2.06E-07
2487	497509.25	3733201.96	2.08E-07	2.08E-07
2488	497509.18	3733211.61	2.09E-07	2.09E-07
2489	497509.11	3733221.26	2.10E-07	2.10E-07
2490	497509.03	3733230.92	2.12E-07	2.12E-07
2491	497508.96	3733240.57	2.13E-07	2.13E-07
2492	497508.89	3733250.23	2.15E-07	2.15E-07

2493	497458.32	3733000.04	1.65E-07	1.65E-07
2494	497463.07	3732991.65	1.65E-07	1.65E-07
2495	497467.82	3732983.27	1.65E-07	1.65E-07
2496	497472.56	3732974.88	1.65E-07	1.65E-07
2497	497477.31	3732966.49	1.66E-07	1.66E-07
2498	497482.06	3732958.1	1.66E-07	1.66E-07
2499	497486.8	3732949.71	1.66E-07	1.66E-07
2500	497453.57	3733008.43	1.65E-07	1.65E-07
2501	497453.5	3733018.09	1.66E-07	1.66E-07
2502	497453.43	3733027.74	1.67E-07	1.67E-07
2503	497453.36	3733037.4	1.68E-07	1.68E-07
2504	497453.28	3733047.05	1.69E-07	1.69E-07
2505	497453.21	3733056.71	1.70E-07	1.70E-07
2506	497453.14	3733066.36	1.71E-07	1.71E-07
2507	497453.06	3733076.02	1.72E-07	1.72E-07
2508	497452.99	3733085.67	1.74E-07	1.74E-07
2509	497452.92	3733095.32	1.75E-07	1.75E-07
2510	497452.84	3733104.98	1.76E-07	1.76E-07
2511	497452.77	3733114.63	1.77E-07	1.77E-07
2512	497452.7	3733124.29	1.78E-07	1.78E-07
2513	497452.62	3733133.94	1.79E-07	1.79E-07
2514	497452.55	3733143.6	1.81E-07	1.81E-07
2515	497452.48	3733153.25	1.82E-07	1.82E-07
2516	497452.4	3733162.9	1.83E-07	1.83E-07
2517	497452.33	3733172.56	1.84E-07	1.84E-07
2518	497452.26	3733182.21	1.85E-07	1.85E-07
2519	497452.18	3733191.87	1.87E-07	1.87E-07
2520	497452.11	3733201.52	1.88E-07	1.88E-07
2521	497452.04	3733211.18	1.89E-07	1.89E-07
2522	497451.96	3733220.83	1.90E-07	1.90E-07
2523	497451.89	3733230.49	1.91E-07	1.91E-07
2524	497451.82	3733240.14	1.93E-07	1.93E-07
2525	497451.74	3733249.79	1.94E-07	1.94E-07
2526	497401.17	3732999.64	1.51E-07	1.51E-07
2527	497405.9	3732991.27	1.51E-07	1.51E-07
2528	497410.63	3732982.91	1.52E-07	1.52E-07
2529	497415.36	3732974.55	1.52E-07	1.52E-07
2530	497420.1	3732966.18	1.52E-07	1.52E-07
2531	497424.83	3732957.82	1.52E-07	1.52E-07
2532	497429.56	3732949.45	1.52E-07	1.52E-07
2533	497396.43	3733008	1.51E-07	1.51E-07
2534	497396.36	3733017.66	1.52E-07	1.52E-07
2535	497396.29	3733027.31	1.53E-07	1.53E-07
2536	497396.21	3733036.96	1.54E-07	1.54E-07
2537	497396.14	3733046.62	1.55E-07	1.55E-07
2538	497396.07	3733056.27	1.56E-07	1.56E-07
2539	497395.99	3733065.93	1.57E-07	1.57E-07
2540	497395.92	3733075.58	1.58E-07	1.58E-07
2541	497395.85	3733085.24	1.59E-07	1.59E-07
2542	497395.77	3733094.89	1.60E-07	1.60E-07
2543	497395.7	3733104.55	1.61E-07	1.61E-07
2544	497395.63	3733114.2	1.62E-07	1.62E-07

2545	497395.56	3733123.85	1.63E-07	1.63E-07
2546	497395.48	3733133.51	1.64E-07	1.64E-07
2547	497395.41	3733143.16	1.65E-07	1.65E-07
2548	497395.34	3733152.82	1.66E-07	1.66E-07
2549	497395.26	3733162.47	1.67E-07	1.67E-07
2550	497395.19	3733172.13	1.68E-07	1.68E-07
2551	497395.12	3733181.78	1.69E-07	1.69E-07
2552	497395.04	3733191.43	1.70E-07	1.70E-07
2553	497394.97	3733201.09	1.71E-07	1.71E-07
2554	497394.9	3733210.74	1.72E-07	1.72E-07
2555	497394.82	3733220.4	1.73E-07	1.73E-07
2556	497394.75	3733230.05	1.74E-07	1.74E-07
2557	497394.68	3733239.71	1.75E-07	1.75E-07
2558	497394.6	3733249.36	1.76E-07	1.76E-07
2559	497362.89	3732965.86	1.40E-07	1.40E-07
2560	497367.61	3732957.52	1.40E-07	1.40E-07
2561	497372.33	3732949.18	1.40E-07	1.40E-07
2562	498156.01	3733265.1	3.43E-06	3.43E-06
2563	498156.01	3733274.99	3.49E-06	3.49E-06
2564	498156.01	3733284.88	3.56E-06	3.56E-06
2565	498156.01	3733294.77	3.62E-06	3.62E-06
2566	498156.01	3733304.65	3.68E-06	3.68E-06
2567	498156.01	3733314.54	3.73E-06	3.73E-06
2568	498156.01	3733324.43	3.79E-06	3.79E-06
2569	498156.01	3733334.32	3.84E-06	3.84E-06
2570	498156.01	3733344.21	3.89E-06	3.89E-06
2571	498156.01	3733354.1	3.93E-06	3.93E-06
2572	498156.01	3733363.99	3.98E-06	3.98E-06
2573	498156.01	3733373.88	4.02E-06	4.02E-06
2574	498156.01	3733383.76	4.06E-06	4.06E-06
2575	498156.01	3733393.65	4.09E-06	4.09E-06
2576	498156.01	3733403.54	4.13E-06	4.13E-06
2577	498156.01	3733413.43	4.16E-06	4.16E-06
2578	498156.01	3733423.32	4.19E-06	4.19E-06
2579	498156.01	3733433.21	4.22E-06	4.22E-06
2580	498156.01	3733443.1	4.25E-06	4.25E-06
2581	498156.01	3733452.99	4.28E-06	4.28E-06
2582	498156.01	3733462.87	4.30E-06	4.30E-06
2583	498156.01	3733472.76	4.32E-06	4.32E-06
2584	498156.01	3733482.65	4.34E-06	4.34E-06
2585	498156.01	3733492.54	4.36E-06	4.36E-06
2586	498156.01	3733502.43	4.38E-06	4.38E-06
2587	498156.01	3733512.32	4.40E-06	4.40E-06
2588	498156.01	3733522.21	4.41E-06	4.41E-06
2589	498156.01	3733532.1	4.41E-06	4.41E-06
2590	498156.01	3733541.98	4.42E-06	4.42E-06
2591	498156.01	3733551.87	4.42E-06	4.42E-06
2592	498156.01	3733561.76	4.42E-06	4.42E-06
2593	498156.01	3733571.65	4.41E-06	4.41E-06
2594	498146.01	3733265.1	3.01E-06	3.01E-06
2595	498146.01	3733274.99	3.07E-06	3.07E-06
2596	498146.01	3733284.88	3.13E-06	3.13E-06

2597	498146.01	3733294.77	3.19E-06	3.19E-06
2598	498146.01	3733304.65	3.24E-06	3.24E-06
2599	498146.01	3733314.54	3.30E-06	3.30E-06
2600	498146.01	3733324.43	3.35E-06	3.35E-06
2601	498146.01	3733334.32	3.40E-06	3.40E-06
2602	498146.01	3733344.21	3.44E-06	3.44E-06
2603	498146.01	3733354.1	3.49E-06	3.49E-06
2604	498146.01	3733363.99	3.53E-06	3.53E-06
2605	498146.01	3733373.88	3.57E-06	3.57E-06
2606	498146.01	3733383.76	3.61E-06	3.61E-06
2607	498146.01	3733393.65	3.64E-06	3.64E-06
2608	498146.01	3733403.54	3.68E-06	3.68E-06
2609	498146.01	3733413.43	3.71E-06	3.71E-06
2610	498146.01	3733423.32	3.74E-06	3.74E-06
2611	498146.01	3733433.21	3.77E-06	3.77E-06
2612	498146.01	3733443.1	3.80E-06	3.80E-06
2613	498146.01	3733452.99	3.82E-06	3.82E-06
2614	498146.01	3733462.87	3.85E-06	3.85E-06
2615	498146.01	3733472.76	3.87E-06	3.87E-06
2616	498146.01	3733482.65	3.89E-06	3.89E-06
2617	498146.01	3733492.54	3.91E-06	3.91E-06
2618	498146.01	3733502.43	3.93E-06	3.93E-06
2619	498146.01	3733512.32	3.94E-06	3.94E-06
2620	498146.01	3733522.21	3.95E-06	3.95E-06
2621	498146.01	3733532.1	3.96E-06	3.96E-06
2622	498146.01	3733541.98	3.97E-06	3.97E-06
2623	498146.01	3733551.87	3.97E-06	3.97E-06
2624	498146.01	3733561.76	3.97E-06	3.97E-06
2625	498146.01	3733571.65	3.97E-06	3.97E-06
2626	498136.01	3733265.1	2.68E-06	2.68E-06
2627	498136.01	3733274.99	2.74E-06	2.74E-06
2628	498136.01	3733284.88	2.79E-06	2.79E-06
2629	498136.01	3733294.77	2.84E-06	2.84E-06
2630	498136.01	3733304.65	2.89E-06	2.89E-06
2631	498136.01	3733314.54	2.94E-06	2.94E-06
2632	498136.01	3733324.43	2.99E-06	2.99E-06
2633	498136.01	3733334.32	3.03E-06	3.03E-06
2634	498136.01	3733344.21	3.08E-06	3.08E-06
2635	498136.01	3733354.1	3.12E-06	3.12E-06
2636	498136.01	3733363.99	3.16E-06	3.16E-06
2637	498136.01	3733373.88	3.20E-06	3.20E-06
2638	498136.01	3733383.76	3.24E-06	3.24E-06
2639	498136.01	3733393.65	3.27E-06	3.27E-06
2640	498136.01	3733403.54	3.30E-06	3.30E-06
2641	498136.01	3733413.43	3.33E-06	3.33E-06
2642	498136.01	3733423.32	3.36E-06	3.36E-06
2643	498136.01	3733433.21	3.39E-06	3.39E-06
2644	498136.01	3733443.1	3.42E-06	3.42E-06
2645	498136.01	3733452.99	3.45E-06	3.45E-06
2646	498136.01	3733462.87	3.47E-06	3.47E-06
2647	498136.01	3733472.76	3.49E-06	3.49E-06
2648	498136.01	3733482.65	3.51E-06	3.51E-06

2649	498136.01	3733492.54	3.53E-06	3.53E-06
2650	498136.01	3733502.43	3.55E-06	3.55E-06
2651	498136.01	3733512.32	3.56E-06	3.56E-06
2652	498136.01	3733522.21	3.58E-06	3.58E-06
2653	498136.01	3733532.1	3.59E-06	3.59E-06
2654	498136.01	3733541.98	3.59E-06	3.59E-06
2655	498136.01	3733551.87	3.60E-06	3.60E-06
2656	498136.01	3733561.76	3.60E-06	3.60E-06
2657	498136.01	3733571.65	3.61E-06	3.61E-06
2658	498126.01	3733265.1	2.40E-06	2.40E-06
2659	498126.01	3733274.99	2.46E-06	2.46E-06
2660	498126.01	3733284.88	2.51E-06	2.51E-06
2661	498126.01	3733294.77	2.55E-06	2.55E-06
2662	498126.01	3733304.65	2.60E-06	2.60E-06
2663	498126.01	3733314.54	2.65E-06	2.65E-06
2664	498126.01	3733324.43	2.69E-06	2.69E-06
2665	498126.01	3733334.32	2.73E-06	2.73E-06
2666	498126.01	3733344.21	2.77E-06	2.77E-06
2667	498126.01	3733354.1	2.81E-06	2.81E-06
2668	498126.01	3733363.99	2.85E-06	2.85E-06
2669	498126.01	3733373.88	2.89E-06	2.89E-06
2670	498126.01	3733383.76	2.92E-06	2.92E-06
2671	498126.01	3733393.65	2.96E-06	2.96E-06
2672	498126.01	3733403.54	2.99E-06	2.99E-06
2673	498126.01	3733413.43	3.02E-06	3.02E-06
2674	498126.01	3733423.32	3.05E-06	3.05E-06
2675	498126.01	3733433.21	3.08E-06	3.08E-06
2676	498126.01	3733443.1	3.10E-06	3.10E-06
2677	498126.01	3733452.99	3.13E-06	3.13E-06
2678	498126.01	3733462.87	3.15E-06	3.15E-06
2679	498126.01	3733472.76	3.17E-06	3.17E-06
2680	498126.01	3733482.65	3.19E-06	3.19E-06
2681	498126.01	3733492.54	3.21E-06	3.21E-06
2682	498126.01	3733502.43	3.23E-06	3.23E-06
2683	498126.01	3733512.32	3.24E-06	3.24E-06
2684	498126.01	3733522.21	3.26E-06	3.26E-06
2685	498126.01	3733532.1	3.27E-06	3.27E-06
2686	498126.01	3733541.98	3.28E-06	3.28E-06
2687	498126.01	3733551.87	3.29E-06	3.29E-06
2688	498126.01	3733561.76	3.29E-06	3.29E-06
2689	498126.01	3733571.65	3.30E-06	3.30E-06
2690	498116.01	3733265.1	2.17E-06	2.17E-06
2691	498116.01	3733274.99	2.22E-06	2.22E-06
2692	498116.01	3733284.88	2.27E-06	2.27E-06
2693	498116.01	3733294.77	2.31E-06	2.31E-06
2694	498116.01	3733304.65	2.35E-06	2.35E-06
2695	498116.01	3733314.54	2.40E-06	2.40E-06
2696	498116.01	3733324.43	2.44E-06	2.44E-06
2697	498116.01	3733334.32	2.48E-06	2.48E-06
2698	498116.01	3733344.21	2.52E-06	2.52E-06
2699	498116.01	3733354.1	2.55E-06	2.55E-06
2700	498116.01	3733363.99	2.59E-06	2.59E-06

2701	498116.01	3733373.88	2.63E-06	2.63E-06
2702	498116.01	3733383.76	2.66E-06	2.66E-06
2703	498116.01	3733393.65	2.69E-06	2.69E-06
2704	498116.01	3733403.54	2.72E-06	2.72E-06
2705	498116.01	3733413.43	2.75E-06	2.75E-06
2706	498116.01	3733423.32	2.78E-06	2.78E-06
2707	498116.01	3733433.21	2.81E-06	2.81E-06
2708	498116.01	3733443.1	2.83E-06	2.83E-06
2709	498116.01	3733452.99	2.86E-06	2.86E-06
2710	498116.01	3733462.87	2.88E-06	2.88E-06
2711	498116.01	3733472.76	2.90E-06	2.90E-06
2712	498116.01	3733482.65	2.92E-06	2.92E-06
2713	498116.01	3733492.54	2.94E-06	2.94E-06
2714	498116.01	3733502.43	2.96E-06	2.96E-06
2715	498116.01	3733512.32	2.97E-06	2.97E-06
2716	498116.01	3733522.21	2.98E-06	2.98E-06
2717	498116.01	3733532.1	3.00E-06	3.00E-06
2718	498116.01	3733541.98	3.01E-06	3.01E-06
2719	498116.01	3733551.87	3.02E-06	3.02E-06
2720	498116.01	3733561.76	3.02E-06	3.02E-06
2721	498116.01	3733571.65	3.03E-06	3.03E-06
2722	498106.01	3733265.1	1.98E-06	1.98E-06
2723	498106.01	3733274.99	2.02E-06	2.02E-06
2724	498106.01	3733284.88	2.06E-06	2.06E-06
2725	498106.01	3733294.77	2.10E-06	2.10E-06
2726	498106.01	3733304.65	2.14E-06	2.14E-06
2727	498106.01	3733314.54	2.18E-06	2.18E-06
2728	498106.01	3733324.43	2.22E-06	2.22E-06
2729	498106.01	3733334.32	2.26E-06	2.26E-06
2730	498106.01	3733344.21	2.30E-06	2.30E-06
2731	498106.01	3733354.1	2.33E-06	2.33E-06
2732	498106.01	3733363.99	2.37E-06	2.37E-06
2733	498106.01	3733373.88	2.40E-06	2.40E-06
2734	498106.01	3733383.76	2.43E-06	2.43E-06
2735	498106.01	3733393.65	2.46E-06	2.46E-06
2736	498106.01	3733403.54	2.49E-06	2.49E-06
2737	498106.01	3733413.43	2.52E-06	2.52E-06
2738	498106.01	3733423.32	2.55E-06	2.55E-06
2739	498106.01	3733433.21	2.57E-06	2.57E-06
2740	498106.01	3733443.1	2.60E-06	2.60E-06
2741	498106.01	3733452.99	2.62E-06	2.62E-06
2742	498106.01	3733462.87	2.64E-06	2.64E-06
2743	498106.01	3733472.76	2.66E-06	2.66E-06
2744	498106.01	3733482.65	2.68E-06	2.68E-06
2745	498106.01	3733492.54	2.70E-06	2.70E-06
2746	498106.01	3733502.43	2.72E-06	2.72E-06
2747	498106.01	3733512.32	2.73E-06	2.73E-06
2748	498106.01	3733522.21	2.75E-06	2.75E-06
2749	498106.01	3733532.1	2.76E-06	2.76E-06
2750	498106.01	3733541.98	2.77E-06	2.77E-06
2751	498106.01	3733551.87	2.78E-06	2.78E-06
2752	498106.01	3733561.76	2.79E-06	2.79E-06

2753	498096.01	3733265.1	1.81E-06	1.81E-06
2754	498096.01	3733274.99	1.85E-06	1.85E-06
2755	498096.01	3733284.88	1.89E-06	1.89E-06
2756	498096.01	3733294.77	1.93E-06	1.93E-06
2757	498096.01	3733304.65	1.96E-06	1.96E-06
2758	498096.01	3733314.54	2.00E-06	2.00E-06
2759	498096.01	3733324.43	2.04E-06	2.04E-06
2760	498096.01	3733334.32	2.07E-06	2.07E-06
2761	498096.01	3733344.21	2.11E-06	2.11E-06
2762	498096.01	3733354.1	2.14E-06	2.14E-06
2763	498096.01	3733363.99	2.17E-06	2.17E-06
2764	498096.01	3733373.88	2.20E-06	2.20E-06
2765	498096.01	3733383.76	2.23E-06	2.23E-06
2766	498096.01	3733393.65	2.26E-06	2.26E-06
2767	498096.01	3733403.54	2.29E-06	2.29E-06
2768	498096.01	3733413.43	2.32E-06	2.32E-06
2769	498096.01	3733423.32	2.34E-06	2.34E-06
2770	498096.01	3733433.21	2.37E-06	2.37E-06
2771	498096.01	3733443.1	2.39E-06	2.39E-06
2772	498096.01	3733452.99	2.41E-06	2.41E-06
2773	498096.01	3733462.87	2.43E-06	2.43E-06
2774	498096.01	3733472.76	2.45E-06	2.45E-06
2775	498096.01	3733482.65	2.47E-06	2.47E-06
2776	498096.01	3733492.54	2.49E-06	2.49E-06
2777	498096.01	3733502.43	2.51E-06	2.51E-06
2778	498096.01	3733512.32	2.52E-06	2.52E-06
2779	498096.01	3733522.21	2.54E-06	2.54E-06
2780	498096.01	3733532.1	2.55E-06	2.55E-06
2781	498096.01	3733541.98	2.56E-06	2.56E-06
2782	498096.01	3733551.87	2.57E-06	2.57E-06
2783	498096.01	3733561.76	2.58E-06	2.58E-06
2784	498086.01	3733265.1	1.67E-06	1.67E-06
2785	498086.01	3733274.99	1.70E-06	1.70E-06
2786	498086.01	3733284.88	1.74E-06	1.74E-06
2787	498086.01	3733294.77	1.77E-06	1.77E-06
2788	498086.01	3733304.65	1.81E-06	1.81E-06
2789	498086.01	3733314.54	1.84E-06	1.84E-06
2790	498086.01	3733324.43	1.87E-06	1.87E-06
2791	498086.01	3733334.32	1.91E-06	1.91E-06
2792	498086.01	3733344.21	1.94E-06	1.94E-06
2793	498086.01	3733354.1	1.97E-06	1.97E-06
2794	498086.01	3733363.99	2.00E-06	2.00E-06
2795	498086.01	3733373.88	2.03E-06	2.03E-06
2796	498086.01	3733383.76	2.06E-06	2.06E-06
2797	498086.01	3733393.65	2.08E-06	2.08E-06
2798	498086.01	3733403.54	2.11E-06	2.11E-06
2799	498086.01	3733413.43	2.14E-06	2.14E-06
2800	498086.01	3733423.32	2.16E-06	2.16E-06
2801	498086.01	3733433.21	2.18E-06	2.18E-06
2802	498086.01	3733443.1	2.21E-06	2.21E-06
2803	498086.01	3733452.99	2.23E-06	2.23E-06
2804	498086.01	3733462.87	2.25E-06	2.25E-06

2805	498086.01	3733472.76	2.27E-06	2.27E-06
2806	498086.01	3733482.65	2.29E-06	2.29E-06
2807	498086.01	3733492.54	2.31E-06	2.31E-06
2808	498086.01	3733502.43	2.32E-06	2.32E-06
2809	498086.01	3733512.32	2.34E-06	2.34E-06
2810	498086.01	3733522.21	2.35E-06	2.35E-06
2811	498086.01	3733532.1	2.36E-06	2.36E-06
2812	498086.01	3733541.98	2.38E-06	2.38E-06
2813	498086.01	3733551.87	2.39E-06	2.39E-06
2814	498086.01	3733561.76	2.40E-06	2.40E-06
2815	498076.01	3733265.1	1.54E-06	1.54E-06
2816	498076.01	3733274.99	1.57E-06	1.57E-06
2817	498076.01	3733284.88	1.60E-06	1.60E-06
2818	498076.01	3733294.77	1.64E-06	1.64E-06
2819	498076.01	3733304.65	1.67E-06	1.67E-06
2820	498076.01	3733314.54	1.70E-06	1.70E-06
2821	498076.01	3733324.43	1.73E-06	1.73E-06
2822	498076.01	3733334.32	1.76E-06	1.76E-06
2823	498076.01	3733344.21	1.79E-06	1.79E-06
2824	498076.01	3733354.1	1.82E-06	1.82E-06
2825	498076.01	3733363.99	1.85E-06	1.85E-06
2826	498076.01	3733373.88	1.88E-06	1.88E-06
2827	498076.01	3733383.76	1.90E-06	1.90E-06
2828	498076.01	3733393.65	1.93E-06	1.93E-06
2829	498076.01	3733403.54	1.95E-06	1.95E-06
2830	498076.01	3733413.43	1.98E-06	1.98E-06
2831	498076.01	3733423.32	2.00E-06	2.00E-06
2832	498076.01	3733433.21	2.02E-06	2.02E-06
2833	498076.01	3733443.1	2.05E-06	2.05E-06
2834	498076.01	3733452.99	2.07E-06	2.07E-06
2835	498076.01	3733462.87	2.09E-06	2.09E-06
2836	498076.01	3733472.76	2.11E-06	2.11E-06
2837	498076.01	3733482.65	2.12E-06	2.12E-06
2838	498076.01	3733492.54	2.14E-06	2.14E-06
2839	498076.01	3733502.43	2.16E-06	2.16E-06
2840	498076.01	3733512.32	2.17E-06	2.17E-06
2841	498076.01	3733522.21	2.19E-06	2.19E-06
2842	498076.01	3733532.1	2.20E-06	2.20E-06
2843	498076.01	3733541.98	2.21E-06	2.21E-06
2844	498076.01	3733551.87	2.22E-06	2.22E-06
2845	498076.01	3733561.76	2.23E-06	2.23E-06
2846	498066.01	3733265.1	1.43E-06	1.43E-06
2847	498066.01	3733274.99	1.46E-06	1.46E-06
2848	498066.01	3733284.88	1.49E-06	1.49E-06
2849	498066.01	3733294.77	1.52E-06	1.52E-06
2850	498066.01	3733304.65	1.55E-06	1.55E-06
2851	498066.01	3733314.54	1.58E-06	1.58E-06
2852	498066.01	3733324.43	1.61E-06	1.61E-06
2853	498066.01	3733334.32	1.63E-06	1.63E-06
2854	498066.01	3733344.21	1.66E-06	1.66E-06
2855	498066.01	3733354.1	1.69E-06	1.69E-06
2856	498066.01	3733363.99	1.71E-06	1.71E-06

2857	498066.01	3733373.88	1.74E-06	1.74E-06
2858	498066.01	3733383.76	1.77E-06	1.77E-06
2859	498066.01	3733393.65	1.79E-06	1.79E-06
2860	498066.01	3733403.54	1.81E-06	1.81E-06
2861	498066.01	3733413.43	1.84E-06	1.84E-06
2862	498066.01	3733423.32	1.86E-06	1.86E-06
2863	498066.01	3733433.21	1.88E-06	1.88E-06
2864	498066.01	3733443.1	1.90E-06	1.90E-06
2865	498066.01	3733452.99	1.92E-06	1.92E-06
2866	498066.01	3733462.87	1.94E-06	1.94E-06
2867	498066.01	3733472.76	1.96E-06	1.96E-06
2868	498066.01	3733482.65	1.98E-06	1.98E-06
2869	498066.01	3733492.54	1.99E-06	1.99E-06
2870	498066.01	3733502.43	2.01E-06	2.01E-06
2871	498066.01	3733512.32	2.02E-06	2.02E-06
2872	498066.01	3733522.21	2.04E-06	2.04E-06
2873	498066.01	3733532.1	2.05E-06	2.05E-06
2874	498066.01	3733541.98	2.06E-06	2.06E-06
2875	498066.01	3733551.87	2.07E-06	2.07E-06
2876	498066.01	3733561.76	2.08E-06	2.08E-06
2877	498046.01	3733265.1	1.24E-06	1.24E-06
2878	498046.01	3733274.99	1.27E-06	1.27E-06
2879	498046.01	3733284.88	1.29E-06	1.29E-06
2880	498046.01	3733294.77	1.32E-06	1.32E-06
2881	498046.01	3733304.65	1.34E-06	1.34E-06
2882	498046.01	3733314.54	1.37E-06	1.37E-06
2883	498046.01	3733324.43	1.39E-06	1.39E-06
2884	498046.01	3733334.32	1.42E-06	1.42E-06
2885	498046.01	3733344.21	1.44E-06	1.44E-06
2886	498046.01	3733354.1	1.47E-06	1.47E-06
2887	498046.01	3733363.99	1.49E-06	1.49E-06
2888	498046.01	3733373.88	1.51E-06	1.51E-06
2889	498046.01	3733383.76	1.53E-06	1.53E-06
2890	498046.01	3733393.65	1.56E-06	1.56E-06
2891	498046.01	3733403.54	1.58E-06	1.58E-06
2892	498046.01	3733413.43	1.60E-06	1.60E-06
2893	498046.01	3733423.32	1.62E-06	1.62E-06
2894	498046.01	3733433.21	1.64E-06	1.64E-06
2895	498046.01	3733443.1	1.66E-06	1.66E-06
2896	498046.01	3733452.99	1.68E-06	1.68E-06
2897	498046.01	3733462.87	1.69E-06	1.69E-06
2898	498046.01	3733472.76	1.71E-06	1.71E-06
2899	498046.01	3733482.65	1.73E-06	1.73E-06
2900	498046.01	3733492.54	1.74E-06	1.74E-06
2901	498046.01	3733502.43	1.76E-06	1.76E-06
2902	498046.01	3733512.32	1.77E-06	1.77E-06
2903	498046.01	3733522.21	1.78E-06	1.78E-06
2904	498046.01	3733532.1	1.80E-06	1.80E-06
2905	498046.01	3733541.98	1.81E-06	1.81E-06
2906	498046.01	3733551.87	1.82E-06	1.82E-06
2907	498046.01	3733561.76	1.83E-06	1.83E-06
2908	498026.01	3733265.1	1.10E-06	1.10E-06

2909	498026.01	3733274.99	1.12E-06	1.12E-06
2910	498026.01	3733284.88	1.14E-06	1.14E-06
2911	498026.01	3733294.77	1.16E-06	1.16E-06
2912	498026.01	3733304.65	1.18E-06	1.18E-06
2913	498026.01	3733314.54	1.20E-06	1.20E-06
2914	498026.01	3733324.43	1.23E-06	1.23E-06
2915	498026.01	3733334.32	1.25E-06	1.25E-06
2916	498026.01	3733344.21	1.27E-06	1.27E-06
2917	498026.01	3733354.1	1.29E-06	1.29E-06
2918	498026.01	3733363.99	1.31E-06	1.31E-06
2919	498026.01	3733373.88	1.33E-06	1.33E-06
2920	498026.01	3733383.76	1.35E-06	1.35E-06
2921	498026.01	3733393.65	1.37E-06	1.37E-06
2922	498026.01	3733403.54	1.38E-06	1.38E-06
2923	498026.01	3733413.43	1.40E-06	1.40E-06
2924	498026.01	3733423.32	1.42E-06	1.42E-06
2925	498026.01	3733433.21	1.44E-06	1.44E-06
2926	498026.01	3733443.1	1.46E-06	1.46E-06
2927	498026.01	3733452.99	1.47E-06	1.47E-06
2928	498026.01	3733462.87	1.49E-06	1.49E-06
2929	498026.01	3733472.76	1.50E-06	1.50E-06
2930	498026.01	3733482.65	1.52E-06	1.52E-06
2931	498026.01	3733492.54	1.53E-06	1.53E-06
2932	498026.01	3733502.43	1.55E-06	1.55E-06
2933	498026.01	3733512.32	1.56E-06	1.56E-06
2934	498026.01	3733522.21	1.57E-06	1.57E-06
2935	498026.01	3733532.1	1.59E-06	1.59E-06
2936	498026.01	3733541.98	1.60E-06	1.60E-06
2937	498026.01	3733551.87	1.61E-06	1.61E-06
2938	498026.01	3733561.76	1.62E-06	1.62E-06
2939	498006.01	3733265.1	9.77E-07	9.77E-07
2940	498006.01	3733274.99	9.95E-07	9.95E-07
2941	498006.01	3733284.88	1.01E-06	1.01E-06
2942	498006.01	3733294.77	1.03E-06	1.03E-06
2943	498006.01	3733304.65	1.05E-06	1.05E-06
2944	498006.01	3733314.54	1.07E-06	1.07E-06
2945	498006.01	3733324.43	1.09E-06	1.09E-06
2946	498006.01	3733334.32	1.10E-06	1.10E-06
2947	498006.01	3733344.21	1.12E-06	1.12E-06
2948	498006.01	3733354.1	1.14E-06	1.14E-06
2949	498006.01	3733363.99	1.16E-06	1.16E-06
2950	498006.01	3733373.88	1.18E-06	1.18E-06
2951	498006.01	3733383.76	1.19E-06	1.19E-06
2952	498006.01	3733393.65	1.21E-06	1.21E-06
2953	498006.01	3733403.54	1.23E-06	1.23E-06
2954	498006.01	3733413.43	1.24E-06	1.24E-06
2955	498006.01	3733423.32	1.26E-06	1.26E-06
2956	498006.01	3733433.21	1.27E-06	1.27E-06
2957	498006.01	3733443.1	1.29E-06	1.29E-06
2958	498006.01	3733452.99	1.30E-06	1.30E-06
2959	498006.01	3733462.87	1.32E-06	1.32E-06
2960	498006.01	3733472.76	1.33E-06	1.33E-06

2961	498006.01	3733482.65	1.35E-06	1.35E-06
2962	498006.01	3733492.54	1.36E-06	1.36E-06
2963	498006.01	3733502.43	1.38E-06	1.38E-06
2964	498006.01	3733512.32	1.39E-06	1.39E-06
2965	498006.01	3733522.21	1.40E-06	1.40E-06
2966	498006.01	3733532.1	1.41E-06	1.41E-06
2967	498006.01	3733541.98	1.42E-06	1.42E-06
2968	498006.01	3733551.87	1.43E-06	1.43E-06
2969	498006.01	3733561.76	1.44E-06	1.44E-06
2970	497986.01	3733265.1	8.78E-07	8.78E-07
2971	497986.01	3733274.99	8.94E-07	8.94E-07
2972	497986.01	3733284.88	9.09E-07	9.09E-07
2973	497986.01	3733294.77	9.25E-07	9.25E-07
2974	497986.01	3733304.65	9.40E-07	9.40E-07
2975	497986.01	3733314.54	9.56E-07	9.56E-07
2976	497986.01	3733324.43	9.72E-07	9.72E-07
2977	497986.01	3733334.32	9.87E-07	9.87E-07
2978	497986.01	3733344.21	1.00E-06	1.00E-06
2979	497986.01	3733354.1	1.02E-06	1.02E-06
2980	497986.01	3733363.99	1.03E-06	1.03E-06
2981	497986.01	3733373.88	1.05E-06	1.05E-06
2982	497986.01	3733383.76	1.07E-06	1.07E-06
2983	497986.01	3733393.65	1.08E-06	1.08E-06
2984	497986.01	3733403.54	1.10E-06	1.10E-06
2985	497986.01	3733413.43	1.11E-06	1.11E-06
2986	497986.01	3733423.32	1.12E-06	1.12E-06
2987	497986.01	3733433.21	1.14E-06	1.14E-06
2988	497986.01	3733443.1	1.15E-06	1.15E-06
2989	497986.01	3733452.99	1.17E-06	1.17E-06
2990	497986.01	3733462.87	1.18E-06	1.18E-06
2991	497986.01	3733472.76	1.19E-06	1.19E-06
2992	497986.01	3733482.65	1.20E-06	1.20E-06
2993	497986.01	3733492.54	1.22E-06	1.22E-06
2994	497986.01	3733502.43	1.23E-06	1.23E-06
2995	497986.01	3733512.32	1.24E-06	1.24E-06
2996	497986.01	3733522.21	1.25E-06	1.25E-06
2997	497986.01	3733532.1	1.26E-06	1.26E-06
2998	497986.01	3733541.98	1.27E-06	1.27E-06
2999	497986.01	3733551.87	1.28E-06	1.28E-06
3000	497986.01	3733561.76	1.29E-06	1.29E-06
3001	497966.01	3733265.1	7.96E-07	7.96E-07
3002	497966.01	3733274.99	8.09E-07	8.09E-07
3003	497966.01	3733284.88	8.23E-07	8.23E-07
3004	497966.01	3733294.77	8.36E-07	8.36E-07
3005	497966.01	3733304.65	8.50E-07	8.50E-07
3006	497966.01	3733314.54	8.63E-07	8.63E-07
3007	497966.01	3733324.43	8.76E-07	8.76E-07
3008	497966.01	3733334.32	8.90E-07	8.90E-07
3009	497966.01	3733344.21	9.04E-07	9.04E-07
3010	497966.01	3733354.1	9.17E-07	9.17E-07
3011	497966.01	3733363.99	9.31E-07	9.31E-07
3012	497966.01	3733373.88	9.45E-07	9.45E-07

3013	497966.01	3733383.76	9.58E-07	9.58E-07
3014	497966.01	3733393.65	9.72E-07	9.72E-07
3015	497966.01	3733403.54	9.85E-07	9.85E-07
3016	497966.01	3733413.43	9.98E-07	9.98E-07
3017	497966.01	3733423.32	1.01E-06	1.01E-06
3018	497966.01	3733433.21	1.02E-06	1.02E-06
3019	497966.01	3733443.1	1.04E-06	1.04E-06
3020	497966.01	3733452.99	1.05E-06	1.05E-06
3021	497966.01	3733462.87	1.06E-06	1.06E-06
3022	497966.01	3733472.76	1.07E-06	1.07E-06
3023	497966.01	3733482.65	1.08E-06	1.08E-06
3024	497966.01	3733492.54	1.09E-06	1.09E-06
3025	497966.01	3733502.43	1.11E-06	1.11E-06
3026	497966.01	3733512.32	1.12E-06	1.12E-06
3027	497966.01	3733522.21	1.13E-06	1.13E-06
3028	497966.01	3733532.1	1.14E-06	1.14E-06
3029	497966.01	3733541.98	1.15E-06	1.15E-06
3030	497966.01	3733551.87	1.16E-06	1.16E-06
3031	497966.01	3733561.76	1.17E-06	1.17E-06
3032	497946.01	3733265.1	7.27E-07	7.27E-07
3033	497946.01	3733274.99	7.38E-07	7.38E-07
3034	497946.01	3733284.88	7.50E-07	7.50E-07
3035	497946.01	3733294.77	7.61E-07	7.61E-07
3036	497946.01	3733304.65	7.73E-07	7.73E-07
3037	497946.01	3733314.54	7.85E-07	7.85E-07
3038	497946.01	3733324.43	7.96E-07	7.96E-07
3039	497946.01	3733334.32	8.08E-07	8.08E-07
3040	497946.01	3733344.21	8.20E-07	8.20E-07
3041	497946.01	3733354.1	8.32E-07	8.32E-07
3042	497946.01	3733363.99	8.43E-07	8.43E-07
3043	497946.01	3733373.88	8.55E-07	8.55E-07
3044	497946.01	3733383.76	8.67E-07	8.67E-07
3045	497946.01	3733393.65	8.79E-07	8.79E-07
3046	497946.01	3733403.54	8.91E-07	8.91E-07
3047	497946.01	3733413.43	9.03E-07	9.03E-07
3048	497946.01	3733423.32	9.14E-07	9.14E-07
3049	497946.01	3733433.21	9.25E-07	9.25E-07
3050	497946.01	3733443.1	9.36E-07	9.36E-07
3051	497946.01	3733452.99	9.47E-07	9.47E-07
3052	497946.01	3733462.87	9.58E-07	9.58E-07
3053	497946.01	3733472.76	9.69E-07	9.69E-07
3054	497946.01	3733482.65	9.79E-07	9.79E-07
3055	497946.01	3733492.54	9.90E-07	9.90E-07
3056	497946.01	3733502.43	1.00E-06	1.00E-06
3057	497946.01	3733512.32	1.01E-06	1.01E-06
3058	497946.01	3733522.21	1.02E-06	1.02E-06
3059	497946.01	3733532.1	1.03E-06	1.03E-06
3060	497946.01	3733541.98	1.04E-06	1.04E-06
3061	497946.01	3733551.87	1.05E-06	1.05E-06
3062	497946.01	3733561.76	1.06E-06	1.06E-06
3063	497926.01	3733265.1	6.67E-07	6.67E-07
3064	497926.01	3733274.99	6.77E-07	6.77E-07

3065	497926.01	3733284.88	6.87E-07	6.87E-07
3066	497926.01	3733294.77	6.97E-07	6.97E-07
3067	497926.01	3733304.65	7.07E-07	7.07E-07
3068	497926.01	3733314.54	7.18E-07	7.18E-07
3069	497926.01	3733324.43	7.28E-07	7.28E-07
3070	497926.01	3733334.32	7.38E-07	7.38E-07
3071	497926.01	3733344.21	7.48E-07	7.48E-07
3072	497926.01	3733354.1	7.59E-07	7.59E-07
3073	497926.01	3733363.99	7.69E-07	7.69E-07
3074	497926.01	3733373.88	7.79E-07	7.79E-07
3075	497926.01	3733383.76	7.90E-07	7.90E-07
3076	497926.01	3733393.65	8.00E-07	8.00E-07
3077	497926.01	3733403.54	8.10E-07	8.10E-07
3078	497926.01	3733413.43	8.21E-07	8.21E-07
3079	497926.01	3733423.32	8.31E-07	8.31E-07
3080	497926.01	3733433.21	8.41E-07	8.41E-07
3081	497926.01	3733443.1	8.51E-07	8.51E-07
3082	497926.01	3733452.99	8.61E-07	8.61E-07
3083	497926.01	3733462.87	8.71E-07	8.71E-07
3084	497926.01	3733472.76	8.81E-07	8.81E-07
3085	497926.01	3733482.65	8.90E-07	8.90E-07
3086	497926.01	3733492.54	9.00E-07	9.00E-07
3087	497926.01	3733502.43	9.09E-07	9.09E-07
3088	497926.01	3733512.32	9.18E-07	9.18E-07
3089	497926.01	3733522.21	9.27E-07	9.27E-07
3090	497926.01	3733532.1	9.36E-07	9.36E-07
3091	497926.01	3733541.98	9.44E-07	9.44E-07
3092	497926.01	3733551.87	9.53E-07	9.53E-07
3093	497926.01	3733561.76	9.61E-07	9.61E-07
3094	497906.01	3733265.1	6.16E-07	6.16E-07
3095	497906.01	3733274.99	6.24E-07	6.24E-07
3096	497906.01	3733284.88	6.33E-07	6.33E-07
3097	497906.01	3733294.77	6.42E-07	6.42E-07
3098	497906.01	3733304.65	6.51E-07	6.51E-07
3099	497906.01	3733314.54	6.60E-07	6.60E-07
3100	497906.01	3733324.43	6.69E-07	6.69E-07
3101	497906.01	3733334.32	6.78E-07	6.78E-07
3102	497906.01	3733344.21	6.87E-07	6.87E-07
3103	497906.01	3733354.1	6.96E-07	6.96E-07
3104	497906.01	3733363.99	7.05E-07	7.05E-07
3105	497906.01	3733373.88	7.14E-07	7.14E-07
3106	497906.01	3733383.76	7.23E-07	7.23E-07
3107	497906.01	3733393.65	7.32E-07	7.32E-07
3108	497906.01	3733403.54	7.42E-07	7.42E-07
3109	497906.01	3733413.43	7.51E-07	7.51E-07
3110	497906.01	3733423.32	7.60E-07	7.60E-07
3111	497906.01	3733433.21	7.69E-07	7.69E-07
3112	497906.01	3733443.1	7.78E-07	7.78E-07
3113	497906.01	3733452.99	7.87E-07	7.87E-07
3114	497906.01	3733462.87	7.96E-07	7.96E-07
3115	497906.01	3733472.76	8.05E-07	8.05E-07
3116	497906.01	3733482.65	8.14E-07	8.14E-07

3117	497906.01	3733492.54	8.22E-07	8.22E-07
3118	497906.01	3733502.43	8.31E-07	8.31E-07
3119	497906.01	3733512.32	8.39E-07	8.39E-07
3120	497906.01	3733522.21	8.47E-07	8.47E-07
3121	497906.01	3733532.1	8.55E-07	8.55E-07
3122	497906.01	3733541.98	8.63E-07	8.63E-07
3123	497906.01	3733551.87	8.70E-07	8.70E-07
3124	497906.01	3733561.76	8.78E-07	8.78E-07
3125	497886.01	3733265.1	5.70E-07	5.70E-07
3126	497886.01	3733274.99	5.78E-07	5.78E-07
3127	497886.01	3733284.88	5.86E-07	5.86E-07
3128	497886.01	3733294.77	5.94E-07	5.94E-07
3129	497886.01	3733304.65	6.02E-07	6.02E-07
3130	497886.01	3733314.54	6.09E-07	6.09E-07
3131	497886.01	3733324.43	6.17E-07	6.17E-07
3132	497886.01	3733334.32	6.25E-07	6.25E-07
3133	497886.01	3733344.21	6.33E-07	6.33E-07
3134	497886.01	3733354.1	6.41E-07	6.41E-07
3135	497886.01	3733363.99	6.49E-07	6.49E-07
3136	497886.01	3733373.88	6.57E-07	6.57E-07
3137	497886.01	3733383.76	6.65E-07	6.65E-07
3138	497886.01	3733393.65	6.74E-07	6.74E-07
3139	497886.01	3733403.54	6.82E-07	6.82E-07
3140	497886.01	3733413.43	6.90E-07	6.90E-07
3141	497886.01	3733423.32	6.98E-07	6.98E-07
3142	497886.01	3733433.21	7.06E-07	7.06E-07
3143	497886.01	3733443.1	7.15E-07	7.15E-07
3144	497886.01	3733452.99	7.23E-07	7.23E-07
3145	497886.01	3733462.87	7.31E-07	7.31E-07
3146	497886.01	3733472.76	7.39E-07	7.39E-07
3147	497886.01	3733482.65	7.47E-07	7.47E-07
3148	497886.01	3733492.54	7.54E-07	7.54E-07
3149	497886.01	3733502.43	7.62E-07	7.62E-07
3150	497886.01	3733512.32	7.69E-07	7.69E-07
3151	497886.01	3733522.21	7.77E-07	7.77E-07
3152	497886.01	3733532.1	7.84E-07	7.84E-07
3153	497886.01	3733541.98	7.91E-07	7.91E-07
3154	497886.01	3733551.87	7.98E-07	7.98E-07
3155	497886.01	3733561.76	8.05E-07	8.05E-07
3156	497866.01	3733265.1	5.30E-07	5.30E-07
3157	497866.01	3733274.99	5.37E-07	5.37E-07
3158	497866.01	3733284.88	5.44E-07	5.44E-07
3159	497866.01	3733294.77	5.51E-07	5.51E-07
3160	497866.01	3733304.65	5.58E-07	5.58E-07
3161	497866.01	3733314.54	5.65E-07	5.65E-07
3162	497866.01	3733324.43	5.72E-07	5.72E-07
3163	497866.01	3733334.32	5.79E-07	5.79E-07
3164	497866.01	3733344.21	5.87E-07	5.87E-07
3165	497866.01	3733354.1	5.94E-07	5.94E-07
3166	497866.01	3733363.99	6.01E-07	6.01E-07
3167	497866.01	3733373.88	6.08E-07	6.08E-07
3168	497866.01	3733383.76	6.15E-07	6.15E-07

3169	497866.01	3733393.65	6.22E-07	6.22E-07
3170	497866.01	3733403.54	6.30E-07	6.30E-07
3171	497866.01	3733413.43	6.37E-07	6.37E-07
3172	497866.01	3733423.32	6.44E-07	6.44E-07
3173	497866.01	3733433.21	6.51E-07	6.51E-07
3174	497866.01	3733443.1	6.59E-07	6.59E-07
3175	497866.01	3733452.99	6.66E-07	6.66E-07
3176	497866.01	3733462.87	6.73E-07	6.73E-07
3177	497866.01	3733472.76	6.81E-07	6.81E-07
3178	497866.01	3733482.65	6.88E-07	6.88E-07
3179	497866.01	3733492.54	6.95E-07	6.95E-07
3180	497866.01	3733502.43	7.02E-07	7.02E-07
3181	497866.01	3733512.32	7.09E-07	7.09E-07
3182	497866.01	3733522.21	7.15E-07	7.15E-07
3183	497866.01	3733532.1	7.22E-07	7.22E-07
3184	497866.01	3733541.98	7.28E-07	7.28E-07
3185	497866.01	3733551.87	7.35E-07	7.35E-07
3186	497866.01	3733561.76	7.41E-07	7.41E-07
3187	497828.51	3733265.1	4.60E-07	4.60E-07
3188	497828.51	3733274.99	4.66E-07	4.66E-07
3189	497828.51	3733284.88	4.73E-07	4.73E-07
3190	497828.51	3733294.77	4.79E-07	4.79E-07
3191	497828.51	3733304.65	4.89E-07	4.89E-07
3192	497828.51	3733314.54	4.95E-07	4.95E-07
3193	497828.51	3733324.43	5.01E-07	5.01E-07
3194	497828.51	3733334.32	5.07E-07	5.07E-07
3195	497828.51	3733344.21	5.13E-07	5.13E-07
3196	497828.51	3733354.1	5.19E-07	5.19E-07
3197	497828.51	3733363.99	5.25E-07	5.25E-07
3198	497828.51	3733373.88	5.30E-07	5.30E-07
3199	497828.51	3733383.76	5.36E-07	5.36E-07
3200	497828.51	3733393.65	5.42E-07	5.42E-07
3201	497828.51	3733403.54	5.48E-07	5.48E-07
3202	497828.51	3733413.43	5.54E-07	5.54E-07
3203	497828.51	3733423.32	5.60E-07	5.60E-07
3204	497828.51	3733433.21	5.66E-07	5.66E-07
3205	497828.51	3733443.1	5.72E-07	5.72E-07
3206	497828.51	3733452.99	5.78E-07	5.78E-07
3207	497828.51	3733462.87	5.84E-07	5.84E-07
3208	497828.51	3733472.76	5.90E-07	5.90E-07
3209	497828.51	3733482.65	5.96E-07	5.96E-07
3210	497828.51	3733492.54	6.02E-07	6.02E-07
3211	497828.51	3733502.43	6.07E-07	6.07E-07
3212	497828.51	3733512.32	6.13E-07	6.13E-07
3213	497828.51	3733522.21	6.19E-07	6.19E-07
3214	497828.51	3733532.1	6.25E-07	6.25E-07
3215	497828.51	3733541.98	6.30E-07	6.30E-07
3216	497828.51	3733551.87	6.36E-07	6.36E-07
3217	497828.51	3733561.76	6.41E-07	6.41E-07
3218	497791.01	3733265.1	4.06E-07	4.06E-07
3219	497791.01	3733274.99	4.03E-07	4.03E-07
3220	497791.01	3733284.88	4.10E-07	4.10E-07

3221	497791.01	3733294.77	4.19E-07	4.19E-07
3222	497791.01	3733304.65	4.27E-07	4.27E-07
3223	497791.01	3733314.54	4.33E-07	4.33E-07
3224	497791.01	3733324.43	4.39E-07	4.39E-07
3225	497791.01	3733334.32	4.48E-07	4.48E-07
3226	497791.01	3733344.21	4.53E-07	4.53E-07
3227	497791.01	3733354.1	4.58E-07	4.58E-07
3228	497791.01	3733363.99	4.63E-07	4.63E-07
3229	497791.01	3733373.88	4.68E-07	4.68E-07
3230	497791.01	3733383.76	4.73E-07	4.73E-07
3231	497791.01	3733393.65	4.78E-07	4.78E-07
3232	497791.01	3733403.54	4.83E-07	4.83E-07
3233	497791.01	3733413.43	4.88E-07	4.88E-07
3234	497791.01	3733423.32	4.93E-07	4.93E-07
3235	497791.01	3733433.21	4.98E-07	4.98E-07
3236	497791.01	3733443.1	5.03E-07	5.03E-07
3237	497791.01	3733452.99	5.08E-07	5.08E-07
3238	497791.01	3733462.87	5.13E-07	5.13E-07
3239	497791.01	3733472.76	5.18E-07	5.18E-07
3240	497791.01	3733482.65	5.23E-07	5.23E-07
3241	497791.01	3733492.54	5.27E-07	5.27E-07
3242	497791.01	3733502.43	5.32E-07	5.32E-07
3243	497791.01	3733512.32	5.37E-07	5.37E-07
3244	497791.01	3733522.21	5.42E-07	5.42E-07
3245	497791.01	3733532.1	5.47E-07	5.47E-07
3246	497791.01	3733541.98	5.52E-07	5.52E-07
3247	497791.01	3733551.87	5.56E-07	5.56E-07
3248	497791.01	3733561.76	5.61E-07	5.61E-07
3249	497753.51	3733265.1	3.75E-07	3.75E-07
3250	497753.51	3733274.99	3.78E-07	3.78E-07
3251	497753.51	3733284.88	3.78E-07	3.78E-07
3252	497753.51	3733294.77	3.77E-07	3.77E-07
3253	497753.51	3733304.65	3.77E-07	3.77E-07
3254	497753.51	3733314.54	3.82E-07	3.82E-07
3255	497753.51	3733324.43	3.87E-07	3.87E-07
3256	497753.51	3733334.32	3.93E-07	3.93E-07
3257	497753.51	3733344.21	4.00E-07	4.00E-07
3258	497753.51	3733354.1	4.09E-07	4.09E-07
3259	497753.51	3733363.99	4.13E-07	4.13E-07
3260	497753.51	3733373.88	4.17E-07	4.17E-07
3261	497753.51	3733383.76	4.22E-07	4.22E-07
3262	497753.51	3733393.65	4.26E-07	4.26E-07
3263	497753.51	3733403.54	4.30E-07	4.30E-07
3264	497753.51	3733413.43	4.34E-07	4.34E-07
3265	497753.51	3733423.32	4.38E-07	4.38E-07
3266	497753.51	3733433.21	4.42E-07	4.42E-07
3267	497753.51	3733443.1	4.47E-07	4.47E-07
3268	497753.51	3733452.99	4.51E-07	4.51E-07
3269	497753.51	3733462.87	4.55E-07	4.55E-07
3270	497753.51	3733472.76	4.59E-07	4.59E-07
3271	497753.51	3733482.65	4.63E-07	4.63E-07
3272	497753.51	3733492.54	4.67E-07	4.67E-07

3273	497753.51	3733502.43	4.71E-07	4.71E-07
3274	497753.51	3733512.32	4.75E-07	4.75E-07
3275	497753.51	3733522.21	4.79E-07	4.79E-07
3276	497753.51	3733532.1	4.83E-07	4.83E-07
3277	497753.51	3733541.98	4.87E-07	4.87E-07
3278	497753.51	3733551.87	4.91E-07	4.91E-07
3279	497753.51	3733561.76	4.95E-07	4.95E-07
3280	497716.01	3733265.1	3.40E-07	3.40E-07
3281	497716.01	3733274.99	3.43E-07	3.43E-07
3282	497716.01	3733284.88	3.46E-07	3.46E-07
3283	497716.01	3733294.77	3.45E-07	3.45E-07
3284	497716.01	3733304.65	3.45E-07	3.45E-07
3285	497716.01	3733314.54	3.47E-07	3.47E-07
3286	497716.01	3733324.43	3.50E-07	3.50E-07
3287	497716.01	3733334.32	3.52E-07	3.52E-07
3288	497716.01	3733344.21	3.59E-07	3.59E-07
3289	497716.01	3733354.1	3.65E-07	3.65E-07
3290	497716.01	3733363.99	3.72E-07	3.72E-07
3291	497716.01	3733373.88	3.76E-07	3.76E-07
3292	497716.01	3733383.76	3.79E-07	3.79E-07
3293	497716.01	3733393.65	3.83E-07	3.83E-07
3294	497716.01	3733403.54	3.86E-07	3.86E-07
3295	497716.01	3733413.43	3.90E-07	3.90E-07
3296	497716.01	3733423.32	3.93E-07	3.93E-07
3297	497716.01	3733433.21	3.96E-07	3.96E-07
3298	497716.01	3733443.1	4.00E-07	4.00E-07
3299	497716.01	3733452.99	4.03E-07	4.03E-07
3300	497716.01	3733462.87	4.07E-07	4.07E-07
3301	497716.01	3733472.76	4.10E-07	4.10E-07
3302	497716.01	3733482.65	4.14E-07	4.14E-07
3303	497716.01	3733492.54	4.17E-07	4.17E-07
3304	497716.01	3733502.43	4.21E-07	4.21E-07
3305	497716.01	3733512.32	4.24E-07	4.24E-07
3306	497716.01	3733522.21	4.27E-07	4.27E-07
3307	497716.01	3733532.1	4.31E-07	4.31E-07
3308	497716.01	3733541.98	4.34E-07	4.34E-07
3309	497716.01	3733551.87	4.38E-07	4.38E-07
3310	497716.01	3733561.76	4.41E-07	4.41E-07
3311	497678.51	3733265.1	3.10E-07	3.10E-07
3312	497678.51	3733274.99	3.13E-07	3.13E-07
3313	497678.51	3733284.88	3.15E-07	3.15E-07
3314	497678.51	3733294.77	3.17E-07	3.17E-07
3315	497678.51	3733304.65	3.18E-07	3.18E-07
3316	497678.51	3733314.54	3.20E-07	3.20E-07
3317	497678.51	3733324.43	3.23E-07	3.23E-07
3318	497678.51	3733334.32	3.28E-07	3.28E-07
3319	497678.51	3733344.21	3.32E-07	3.32E-07
3320	497678.51	3733354.1	3.35E-07	3.35E-07
3321	497678.51	3733363.99	3.38E-07	3.38E-07
3322	497678.51	3733373.88	3.41E-07	3.41E-07
3323	497678.51	3733383.76	3.44E-07	3.44E-07
3324	497678.51	3733393.65	3.46E-07	3.46E-07

3325	497678.51	3733403.54	3.49E-07	3.49E-07
3326	497678.51	3733413.43	3.52E-07	3.52E-07
3327	497678.51	3733423.32	3.55E-07	3.55E-07
3328	497678.51	3733433.21	3.58E-07	3.58E-07
3329	497678.51	3733443.1	3.61E-07	3.61E-07
3330	497678.51	3733452.99	3.64E-07	3.64E-07
3331	497678.51	3733462.87	3.67E-07	3.67E-07
3332	497678.51	3733472.76	3.70E-07	3.70E-07
3333	497678.51	3733482.65	3.73E-07	3.73E-07
3334	497678.51	3733492.54	3.76E-07	3.76E-07
3335	497678.51	3733502.43	3.78E-07	3.78E-07
3336	497678.51	3733512.32	3.81E-07	3.81E-07
3337	497678.51	3733522.21	3.84E-07	3.84E-07
3338	497678.51	3733532.1	3.87E-07	3.87E-07
3339	497678.51	3733541.98	3.90E-07	3.90E-07
3340	497678.51	3733551.87	3.93E-07	3.93E-07
3341	497678.51	3733561.76	3.96E-07	3.96E-07
3342	497641.01	3733265.1	2.84E-07	2.84E-07
3343	497641.01	3733274.99	2.86E-07	2.86E-07
3344	497641.01	3733284.88	2.89E-07	2.89E-07
3345	497641.01	3733294.77	2.91E-07	2.91E-07
3346	497641.01	3733304.65	2.94E-07	2.94E-07
3347	497641.01	3733314.54	2.96E-07	2.96E-07
3348	497641.01	3733324.43	2.98E-07	2.98E-07
3349	497641.01	3733334.32	3.01E-07	3.01E-07
3350	497641.01	3733344.21	3.03E-07	3.03E-07
3351	497641.01	3733354.1	3.06E-07	3.06E-07
3352	497641.01	3733363.99	3.08E-07	3.08E-07
3353	497641.01	3733373.88	3.11E-07	3.11E-07
3354	497641.01	3733383.76	3.13E-07	3.13E-07
3355	497641.01	3733393.65	3.16E-07	3.16E-07
3356	497641.01	3733403.54	3.18E-07	3.18E-07
3357	497641.01	3733413.43	3.21E-07	3.21E-07
3358	497641.01	3733423.32	3.23E-07	3.23E-07
3359	497641.01	3733433.21	3.26E-07	3.26E-07
3360	497641.01	3733443.1	3.28E-07	3.28E-07
3361	497641.01	3733452.99	3.31E-07	3.31E-07
3362	497641.01	3733462.87	3.33E-07	3.33E-07
3363	497641.01	3733472.76	3.36E-07	3.36E-07
3364	497641.01	3733482.65	3.38E-07	3.38E-07
3365	497641.01	3733492.54	3.41E-07	3.41E-07
3366	497641.01	3733502.43	3.43E-07	3.43E-07
3367	497641.01	3733512.32	3.46E-07	3.46E-07
3368	497641.01	3733522.21	3.48E-07	3.48E-07
3369	497641.01	3733532.1	3.51E-07	3.51E-07
3370	497641.01	3733541.98	3.53E-07	3.53E-07
3371	497641.01	3733551.87	3.56E-07	3.56E-07
3372	497641.01	3733561.76	3.58E-07	3.58E-07
3373	497603.51	3733265.1	2.62E-07	2.62E-07
3374	497603.51	3733274.99	2.64E-07	2.64E-07
3375	497603.51	3733284.88	2.66E-07	2.66E-07
3376	497603.51	3733294.77	2.68E-07	2.68E-07

3377	497603.51	3733304.65	2.70E-07	2.70E-07
3378	497603.51	3733314.54	2.72E-07	2.72E-07
3379	497603.51	3733324.43	2.74E-07	2.74E-07
3380	497603.51	3733334.32	2.76E-07	2.76E-07
3381	497603.51	3733344.21	2.79E-07	2.79E-07
3382	497603.51	3733354.1	2.81E-07	2.81E-07
3383	497603.51	3733363.99	2.83E-07	2.83E-07
3384	497603.51	3733373.88	2.85E-07	2.85E-07
3385	497603.51	3733383.76	2.87E-07	2.87E-07
3386	497603.51	3733393.65	2.89E-07	2.89E-07
3387	497603.51	3733403.54	2.91E-07	2.91E-07
3388	497603.51	3733413.43	2.94E-07	2.94E-07
3389	497603.51	3733423.32	2.96E-07	2.96E-07
3390	497603.51	3733433.21	2.98E-07	2.98E-07
3391	497603.51	3733443.1	3.00E-07	3.00E-07
3392	497603.51	3733452.99	3.02E-07	3.02E-07
3393	497603.51	3733462.87	3.04E-07	3.04E-07
3394	497603.51	3733472.76	3.06E-07	3.06E-07
3395	497603.51	3733482.65	3.09E-07	3.09E-07
3396	497603.51	3733492.54	3.11E-07	3.11E-07
3397	497603.51	3733502.43	3.13E-07	3.13E-07
3398	497603.51	3733512.32	3.15E-07	3.15E-07
3399	497603.51	3733522.21	3.17E-07	3.17E-07
3400	497603.51	3733532.1	3.19E-07	3.19E-07
3401	497603.51	3733541.98	3.22E-07	3.22E-07
3402	497603.51	3733551.87	3.24E-07	3.24E-07
3403	497603.51	3733561.76	3.26E-07	3.26E-07
3404	497566.01	3733265.1	2.42E-07	2.42E-07
3405	497566.01	3733274.99	2.44E-07	2.44E-07
3406	497566.01	3733284.88	2.46E-07	2.46E-07
3407	497566.01	3733294.77	2.48E-07	2.48E-07
3408	497566.01	3733304.65	2.50E-07	2.50E-07
3409	497566.01	3733314.54	2.52E-07	2.52E-07
3410	497566.01	3733324.43	2.53E-07	2.53E-07
3411	497566.01	3733334.32	2.55E-07	2.55E-07
3412	497566.01	3733344.21	2.57E-07	2.57E-07
3413	497566.01	3733354.1	2.59E-07	2.59E-07
3414	497566.01	3733363.99	2.61E-07	2.61E-07
3415	497566.01	3733373.88	2.63E-07	2.63E-07
3416	497566.01	3733383.76	2.65E-07	2.65E-07
3417	497566.01	3733393.65	2.66E-07	2.66E-07
3418	497566.01	3733403.54	2.68E-07	2.68E-07
3419	497566.01	3733413.43	2.70E-07	2.70E-07
3420	497566.01	3733423.32	2.72E-07	2.72E-07
3421	497566.01	3733433.21	2.74E-07	2.74E-07
3422	497566.01	3733443.1	2.76E-07	2.76E-07
3423	497566.01	3733452.99	2.78E-07	2.78E-07
3424	497566.01	3733462.87	2.79E-07	2.79E-07
3425	497566.01	3733472.76	2.81E-07	2.81E-07
3426	497566.01	3733482.65	2.83E-07	2.83E-07
3427	497566.01	3733492.54	2.85E-07	2.85E-07
3428	497566.01	3733502.43	2.87E-07	2.87E-07

3429	497566.01	3733512.32	2.89E-07	2.89E-07
3430	497566.01	3733522.21	2.91E-07	2.91E-07
3431	497566.01	3733532.1	2.92E-07	2.92E-07
3432	497566.01	3733541.98	2.94E-07	2.94E-07
3433	497566.01	3733551.87	2.96E-07	2.96E-07
3434	497566.01	3733561.76	2.98E-07	2.98E-07
3435	497508.87	3733265.1	2.17E-07	2.17E-07
3436	497508.87	3733274.99	2.19E-07	2.19E-07
3437	497508.87	3733284.88	2.20E-07	2.20E-07
3438	497508.87	3733294.77	2.22E-07	2.22E-07
3439	497508.87	3733304.65	2.23E-07	2.23E-07
3440	497508.87	3733314.54	2.25E-07	2.25E-07
3441	497508.87	3733324.43	2.26E-07	2.26E-07
3442	497508.87	3733334.32	2.28E-07	2.28E-07
3443	497508.87	3733344.21	2.29E-07	2.29E-07
3444	497508.87	3733354.1	2.31E-07	2.31E-07
3445	497508.87	3733363.99	2.32E-07	2.32E-07
3446	497508.87	3733373.88	2.34E-07	2.34E-07
3447	497508.87	3733383.76	2.35E-07	2.35E-07
3448	497508.87	3733393.65	2.37E-07	2.37E-07
3449	497508.87	3733403.54	2.38E-07	2.38E-07
3450	497508.87	3733413.43	2.40E-07	2.40E-07
3451	497508.87	3733423.32	2.41E-07	2.41E-07
3452	497508.87	3733433.21	2.43E-07	2.43E-07
3453	497508.87	3733443.1	2.44E-07	2.44E-07
3454	497508.87	3733452.99	2.46E-07	2.46E-07
3455	497508.87	3733462.87	2.47E-07	2.47E-07
3456	497508.87	3733472.76	2.49E-07	2.49E-07
3457	497508.87	3733482.65	2.51E-07	2.51E-07
3458	497508.87	3733492.54	2.52E-07	2.52E-07
3459	497508.87	3733502.43	2.54E-07	2.54E-07
3460	497508.87	3733512.32	2.55E-07	2.55E-07
3461	497508.87	3733522.21	2.57E-07	2.57E-07
3462	497508.87	3733532.1	2.58E-07	2.58E-07
3463	497508.87	3733541.98	2.60E-07	2.60E-07
3464	497508.87	3733551.87	2.61E-07	2.61E-07
3465	497508.87	3733561.76	2.63E-07	2.63E-07
3466	497451.72	3733265.1	1.96E-07	1.96E-07
3467	497451.72	3733274.99	1.97E-07	1.97E-07
3468	497451.72	3733284.88	1.98E-07	1.98E-07
3469	497451.72	3733294.77	2.00E-07	2.00E-07
3470	497451.72	3733304.65	2.01E-07	2.01E-07
3471	497451.72	3733314.54	2.02E-07	2.02E-07
3472	497451.72	3733324.43	2.04E-07	2.04E-07
3473	497451.72	3733334.32	2.05E-07	2.05E-07
3474	497451.72	3733344.21	2.06E-07	2.06E-07
3475	497451.72	3733354.1	2.07E-07	2.07E-07
3476	497451.72	3733363.99	2.09E-07	2.09E-07
3477	497451.72	3733373.88	2.10E-07	2.10E-07
3478	497451.72	3733383.76	2.11E-07	2.11E-07
3479	497451.72	3733393.65	2.12E-07	2.12E-07
3480	497451.72	3733403.54	2.14E-07	2.14E-07

3481	497451.72	3733413.43	2.15E-07	2.15E-07
3482	497451.72	3733423.32	2.16E-07	2.16E-07
3483	497451.72	3733433.21	2.17E-07	2.17E-07
3484	497451.72	3733443.1	2.19E-07	2.19E-07
3485	497451.72	3733452.99	2.20E-07	2.20E-07
3486	497451.72	3733462.87	2.21E-07	2.21E-07
3487	497451.72	3733472.76	2.23E-07	2.23E-07
3488	497451.72	3733482.65	2.24E-07	2.24E-07
3489	497451.72	3733492.54	2.25E-07	2.25E-07
3490	497451.72	3733502.43	2.26E-07	2.26E-07
3491	497451.72	3733512.32	2.28E-07	2.28E-07
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3493	497451.72	3733532.1	2.30E-07	2.30E-07
3494	497451.72	3733541.98	2.31E-07	2.31E-07
3495	497451.72	3733551.87	2.33E-07	2.33E-07
3496	497394.58	3733265.1	1.78E-07	1.78E-07
3497	497394.58	3733274.99	1.79E-07	1.79E-07
3498	497394.58	3733284.88	1.80E-07	1.80E-07
3499	497394.58	3733294.77	1.81E-07	1.81E-07
3500	497394.58	3733304.65	1.82E-07	1.82E-07
3501	497394.58	3733314.54	1.83E-07	1.83E-07
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3507	497394.58	3733373.88	1.90E-07	1.90E-07
3508	497394.58	3733383.76	1.91E-07	1.91E-07
3509	497394.58	3733393.65	1.92E-07	1.92E-07
3510	497394.58	3733403.54	1.93E-07	1.93E-07
3511	497394.58	3733413.43	1.94E-07	1.94E-07
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3513	497394.58	3733433.21	1.96E-07	1.96E-07
3514	497394.58	3733443.1	1.97E-07	1.97E-07
3515	497394.58	3733452.99	1.98E-07	1.98E-07
3516	497394.58	3733462.87	1.99E-07	1.99E-07
3517	497394.58	3733472.76	2.01E-07	2.01E-07
3518	497394.58	3733482.65	2.02E-07	2.02E-07
3519	497394.58	3733492.54	2.03E-07	2.03E-07
3520	497394.58	3733502.43	2.04E-07	2.04E-07
3521	497394.58	3733512.32	2.05E-07	2.05E-07
3522	497394.58	3733522.21	2.06E-07	2.06E-07
3523	497394.58	3733532.1	2.07E-07	2.07E-07
3524	497394.58	3733541.98	2.08E-07	2.08E-07
3525	497394.58	3733551.87	2.09E-07	2.09E-07

T4_Rev

			3.13E-03
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2	498155.86	3733590.85	3.02E-03
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4	498146.01	3733581.22	2.73E-03
5	498145.86	3733590.69	2.72E-03
6	498145.71	3733600.16	2.71E-03
7	498136.01	3733581.06	2.48E-03
8	498135.86	3733590.54	2.47E-03
9	498135.71	3733600.01	2.47E-03
10	498126.02	3733580.91	2.27E-03
11	498125.87	3733590.38	2.27E-03
12	498125.72	3733599.85	2.26E-03
13	498116.02	3733580.75	2.08E-03
14	498115.87	3733590.22	2.08E-03
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16	498106.02	3733580.59	1.92E-03
17	498105.87	3733590.06	1.92E-03
18	498105.72	3733599.53	1.92E-03
19	498096.02	3733580.43	1.78E-03
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21	498095.72	3733599.37	1.79E-03
22	498086.02	3733580.27	1.66E-03
23	498085.87	3733589.74	1.66E-03
24	498085.72	3733599.21	1.66E-03
25	498076.02	3733580.11	1.55E-03
26	498075.87	3733589.59	1.55E-03
27	498075.72	3733599.06	1.55E-03
28	498066.02	3733579.96	1.44E-03
29	498065.87	3733589.43	1.45E-03
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31	498046.03	3733579.64	1.27E-03
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33	498045.73	3733598.58	1.28E-03
34	498026.03	3733579.32	1.13E-03
35	498025.88	3733588.79	1.13E-03
36	498025.73	3733598.26	1.13E-03
37	498006.03	3733579.01	1.00E-03
38	498005.88	3733588.48	1.01E-03
39	498005.73	3733597.95	1.01E-03
40	497986.03	3733578.69	9.01E-04
41	497985.88	3733588.16	9.06E-04
42	497985.73	3733597.63	9.10E-04
43	497966.04	3733578.37	8.12E-04
44	497965.89	3733587.84	8.17E-04
45	497965.74	3733597.31	8.21E-04
46	497946.04	3733578.06	7.36E-04
47	497945.89	3733587.53	7.40E-04
48	497945.74	3733597	7.45E-04

49	497926.04	3733577.74	6.69E-04
50	497925.89	3733587.21	6.74E-04
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52	497906.04	3733577.42	6.12E-04
53	497905.89	3733586.89	6.16E-04
54	497905.74	3733596.36	6.20E-04
55	497886.05	3733577.11	5.61E-04
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58	497866.05	3733576.79	5.17E-04
59	497865.9	3733586.26	5.20E-04
60	497865.75	3733595.73	5.24E-04
61	497828.55	3733576.2	4.47E-04
62	497828.4	3733585.67	4.50E-04
63	497828.25	3733595.14	4.53E-04
64	497791.06	3733575.6	3.90E-04
65	497790.91	3733585.07	3.93E-04
66	497790.76	3733594.54	3.96E-04
67	497753.56	3733575.01	3.44E-04
68	497753.41	3733584.48	3.47E-04
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71	497715.92	3733583.88	3.08E-04
72	497715.77	3733593.35	3.11E-04
73	497678.57	3733573.82	2.75E-04
74	497678.42	3733583.29	2.77E-04
75	497678.27	3733592.76	2.78E-04
76	497641.08	3733573.23	2.48E-04
77	497640.93	3733582.7	2.50E-04
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79	497603.58	3733572.63	2.26E-04
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81	497603.28	3733591.57	2.28E-04
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83	497565.94	3733581.51	2.07E-04
84	497565.79	3733590.98	2.09E-04
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88	497451.81	3733570.23	1.62E-04
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90	497451.51	3733589.17	1.63E-04
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93	497394.53	3733578.79	1.46E-04
94	497394.38	3733588.26	1.46E-04
95	497394.23	3733597.73	1.47E-04
96	498172.8	3733802.04	2.42E-03
97	498163.14	3733812.01	2.23E-03
98	498172.77	3733812.04	2.34E-03
99	498182.41	3733812.06	2.45E-03
100	498192.04	3733812.09	2.56E-03

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102	498211.3	3733812.14	2.78E-03
103	498220.94	3733812.17	2.88E-03
104	498230.57	3733812.2	2.97E-03
105	498240.2	3733812.23	3.05E-03
106	498163.11	3733822.01	2.17E-03
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132	498297.94	3733832.39	3.03E-03
133	498307.57	3733832.41	3.05E-03
134	498317.21	3733832.44	3.07E-03
135	498326.84	3733832.47	3.07E-03
136	498172.69	3733842.04	2.13E-03
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138	498191.96	3733842.09	2.29E-03
139	498201.59	3733842.12	2.37E-03
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202	498220.71	3733892.17	2.08E-03
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236	498345.88	3733912.52	2.12E-03
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238	498162.81	3733932.01	1.60E-03
239	498172.44	3733932.04	1.64E-03
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247	498249.5	3733932.25	1.89E-03
248	498259.13	3733932.28	1.91E-03
249	498268.76	3733932.31	1.93E-03
250	498278.4	3733932.33	1.94E-03
251	498288.03	3733932.36	1.96E-03
252	498297.66	3733932.39	1.96E-03
253	498307.29	3733932.41	1.97E-03
254	498316.93	3733932.44	1.97E-03
255	498326.56	3733932.47	1.97E-03
256	498336.19	3733932.5	1.96E-03

257	498345.82	3733932.52	1.96E-03
258	498355.46	3733932.55	1.94E-03
259	498162.75	3733952.01	1.52E-03
260	498172.38	3733952.04	1.55E-03
261	498182.01	3733952.06	1.59E-03
262	498191.65	3733952.09	1.62E-03
263	498201.28	3733952.12	1.65E-03
264	498210.91	3733952.14	1.68E-03
265	498220.54	3733952.17	1.70E-03
266	498230.18	3733952.2	1.73E-03
267	498239.81	3733952.23	1.75E-03
268	498249.44	3733952.25	1.77E-03
269	498259.07	3733952.28	1.78E-03
270	498268.71	3733952.31	1.80E-03
271	498278.34	3733952.33	1.81E-03
272	498287.97	3733952.36	1.82E-03
273	498297.6	3733952.39	1.82E-03
274	498307.24	3733952.41	1.83E-03
275	498316.87	3733952.44	1.83E-03
276	498326.5	3733952.47	1.83E-03
277	498336.13	3733952.5	1.82E-03
278	498345.77	3733952.52	1.81E-03
279	498355.4	3733952.55	1.80E-03
280	498162.69	3733972.01	1.45E-03
281	498172.33	3733972.04	1.48E-03
282	498181.96	3733972.06	1.50E-03
283	498191.59	3733972.09	1.53E-03
284	498201.22	3733972.12	1.56E-03
285	498210.86	3733972.14	1.58E-03
286	498220.49	3733972.17	1.60E-03
287	498230.12	3733972.2	1.62E-03
288	498239.75	3733972.23	1.64E-03
289	498249.39	3733972.25	1.66E-03
290	498259.02	3733972.28	1.67E-03
291	498268.65	3733972.31	1.68E-03
292	498278.28	3733972.33	1.69E-03
293	498287.92	3733972.36	1.70E-03
294	498297.55	3733972.39	1.70E-03
295	498307.18	3733972.41	1.70E-03
296	498316.81	3733972.44	1.70E-03
297	498326.45	3733972.47	1.70E-03
298	498336.08	3733972.5	1.69E-03
299	498345.71	3733972.52	1.69E-03
300	498355.34	3733972.55	1.68E-03
301	498162.64	3733992.01	1.38E-03
302	498172.27	3733992.04	1.40E-03
303	498181.9	3733992.06	1.43E-03
304	498191.53	3733992.09	1.45E-03
305	498201.17	3733992.12	1.47E-03
306	498210.8	3733992.14	1.49E-03
307	498220.43	3733992.17	1.51E-03
308	498230.06	3733992.2	1.53E-03

309	498239.7	3733992.23	1.54E-03
310	498249.33	3733992.25	1.56E-03
311	498258.96	3733992.28	1.57E-03
312	498268.59	3733992.31	1.58E-03
313	498278.23	3733992.33	1.58E-03
314	498287.86	3733992.36	1.59E-03
315	498297.49	3733992.39	1.59E-03
316	498307.12	3733992.41	1.59E-03
317	498316.76	3733992.44	1.59E-03
318	498326.39	3733992.47	1.59E-03
319	498336.02	3733992.5	1.58E-03
320	498345.65	3733992.52	1.57E-03
321	498355.29	3733992.55	1.56E-03
322	498162.58	3734012.01	1.31E-03
323	498172.21	3734012.04	1.33E-03
324	498181.85	3734012.06	1.36E-03
325	498191.48	3734012.09	1.38E-03
326	498201.11	3734012.12	1.39E-03
327	498210.74	3734012.14	1.41E-03
328	498220.38	3734012.17	1.43E-03
329	498230.01	3734012.2	1.44E-03
330	498239.64	3734012.22	1.45E-03
331	498249.27	3734012.25	1.47E-03
332	498258.91	3734012.28	1.48E-03
333	498268.54	3734012.31	1.48E-03
334	498278.17	3734012.33	1.49E-03
335	498287.8	3734012.36	1.49E-03
336	498297.44	3734012.39	1.49E-03
337	498307.07	3734012.41	1.49E-03
338	498316.7	3734012.44	1.49E-03
339	498326.33	3734012.47	1.49E-03
340	498335.97	3734012.49	1.48E-03
341	498345.6	3734012.52	1.47E-03
342	498355.23	3734012.55	1.46E-03
343	498153.87	3734028.36	1.24E-03
344	498162.53	3734032.01	1.25E-03
345	498172.16	3734032.04	1.27E-03
346	498181.79	3734032.06	1.29E-03
347	498191.42	3734032.09	1.31E-03
348	498201.06	3734032.12	1.32E-03
349	498210.69	3734032.14	1.34E-03
350	498220.32	3734032.17	1.35E-03
351	498229.95	3734032.2	1.36E-03
352	498239.59	3734032.22	1.37E-03
353	498249.22	3734032.25	1.38E-03
354	498258.85	3734032.28	1.39E-03
355	498268.48	3734032.31	1.40E-03
356	498278.12	3734032.33	1.40E-03
357	498287.75	3734032.36	1.40E-03
358	498297.38	3734032.39	1.40E-03
359	498307.01	3734032.41	1.40E-03
360	498316.65	3734032.44	1.40E-03

361	498326.28	3734032.47	1.40E-03
362	498335.91	3734032.49	1.39E-03
363	498345.54	3734032.52	1.38E-03
364	498355.18	3734032.55	1.37E-03
365	498153.94	3734048.41	1.19E-03
366	498162.47	3734052.01	1.19E-03
367	498172.1	3734052.04	1.21E-03
368	498181.73	3734052.06	1.23E-03
369	498191.37	3734052.09	1.24E-03
370	498201	3734052.12	1.26E-03
371	498210.63	3734052.14	1.27E-03
372	498220.26	3734052.17	1.28E-03
373	498229.9	3734052.2	1.29E-03
374	498239.53	3734052.22	1.30E-03
375	498249.16	3734052.25	1.31E-03
376	498258.79	3734052.28	1.31E-03
377	498268.43	3734052.31	1.32E-03
378	498278.06	3734052.33	1.32E-03
379	498287.69	3734052.36	1.32E-03
380	498297.32	3734052.39	1.32E-03
381	498306.96	3734052.41	1.32E-03
382	498316.59	3734052.44	1.32E-03
383	498326.22	3734052.47	1.31E-03
384	498335.85	3734052.49	1.31E-03
385	498345.49	3734052.52	1.30E-03
386	498355.12	3734052.55	1.29E-03
387	498153.8	3734085.9	1.09E-03
388	498162.36	3734089.51	1.10E-03
389	498172	3734089.54	1.11E-03
390	498181.63	3734089.56	1.12E-03
391	498191.26	3734089.59	1.14E-03
392	498200.89	3734089.62	1.15E-03
393	498210.53	3734089.64	1.16E-03
394	498220.16	3734089.67	1.16E-03
395	498229.79	3734089.7	1.17E-03
396	498239.42	3734089.72	1.18E-03
397	498249.06	3734089.75	1.18E-03
398	498258.69	3734089.78	1.19E-03
399	498268.32	3734089.81	1.19E-03
400	498277.95	3734089.83	1.19E-03
401	498287.59	3734089.86	1.19E-03
402	498297.22	3734089.89	1.19E-03
403	498306.85	3734089.91	1.19E-03
404	498316.48	3734089.94	1.18E-03
405	498326.12	3734089.97	1.18E-03
406	498335.75	3734089.99	1.17E-03
407	498345.38	3734090.02	1.17E-03
408	498355.01	3734090.05	1.16E-03
409	498153.66	3734123.39	1.01E-03
410	498162.26	3734127.01	1.01E-03
411	498171.89	3734127.04	1.02E-03
412	498181.52	3734127.06	1.03E-03

413	498191.16	3734127.09	1.04E-03
414	498200.79	3734127.12	1.05E-03
415	498210.42	3734127.14	1.06E-03
416	498220.05	3734127.17	1.06E-03
417	498229.69	3734127.2	1.07E-03
418	498239.32	3734127.22	1.07E-03
419	498248.95	3734127.25	1.08E-03
420	498258.58	3734127.28	1.08E-03
421	498268.22	3734127.31	1.08E-03
422	498277.85	3734127.33	1.08E-03
423	498287.48	3734127.36	1.08E-03
424	498297.11	3734127.39	1.08E-03
425	498306.75	3734127.41	1.08E-03
426	498316.38	3734127.44	1.07E-03
427	498326.01	3734127.47	1.07E-03
428	498335.64	3734127.49	1.06E-03
429	498345.28	3734127.52	1.05E-03
430	498354.91	3734127.55	1.05E-03
431	498153.53	3734160.87	9.36E-04
432	498144.9	3734157.24	9.34E-04
433	498136.28	3734153.61	9.31E-04
434	498127.66	3734149.97	9.27E-04
435	498119.03	3734146.34	9.23E-04
436	498110.41	3734142.71	9.18E-04
437	498162.15	3734164.51	9.37E-04
438	498171.79	3734164.54	9.45E-04
439	498181.42	3734164.56	9.52E-04
440	498191.05	3734164.59	9.59E-04
441	498200.68	3734164.62	9.65E-04
442	498210.32	3734164.64	9.71E-04
443	498219.95	3734164.67	9.75E-04
444	498229.58	3734164.7	9.79E-04
445	498239.21	3734164.72	9.82E-04
446	498248.85	3734164.75	9.84E-04
447	498258.48	3734164.78	9.85E-04
448	498268.11	3734164.81	9.85E-04
449	498277.74	3734164.83	9.85E-04
450	498287.38	3734164.86	9.84E-04
451	498153.4	3734198.37	8.69E-04
452	498144.76	3734194.72	8.68E-04
453	498136.11	3734191.08	8.66E-04
454	498127.47	3734187.44	8.64E-04
455	498118.82	3734183.79	8.61E-04
456	498110.17	3734180.15	8.57E-04
457	498101.53	3734176.51	8.53E-04
458	498092.88	3734172.87	8.48E-04
459	498084.24	3734169.22	8.43E-04
460	498075.59	3734165.58	8.36E-04
461	498066.95	3734161.94	8.30E-04
462	498058.3	3734158.3	8.22E-04
463	498049.66	3734154.65	8.14E-04
464	498041.01	3734151.01	8.06E-04

465	498032.36	3734147.37	7.97E-04
466	498162.05	3734202.01	8.69E-04
467	498171.68	3734202.04	8.75E-04
468	498181.31	3734202.06	8.81E-04
469	498190.95	3734202.09	8.86E-04
470	498200.58	3734202.12	8.91E-04
471	498210.21	3734202.14	8.95E-04
472	498219.84	3734202.17	8.98E-04
473	498229.48	3734202.2	9.00E-04
474	498239.11	3734202.22	9.02E-04
475	498248.74	3734202.25	9.03E-04
476	498258.37	3734202.28	9.04E-04
477	498268.01	3734202.31	9.03E-04
478	498277.64	3734202.33	9.02E-04
479	498287.27	3734202.36	9.01E-04
480	498153.28	3734235.86	8.08E-04
481	498144.62	3734232.21	8.08E-04
482	498135.95	3734228.56	8.08E-04
483	498127.29	3734224.91	8.07E-04
484	498118.63	3734221.26	8.05E-04
485	498109.96	3734217.61	8.02E-04
486	498101.3	3734213.96	7.99E-04
487	498092.63	3734210.31	7.96E-04
488	498083.97	3734206.66	7.91E-04
489	498075.31	3734203.01	7.87E-04
490	498066.64	3734199.35	7.81E-04
491	498057.98	3734195.7	7.76E-04
492	498049.32	3734192.05	7.69E-04
493	498040.65	3734188.4	7.62E-04
494	498031.99	3734184.75	7.55E-04
495	498161.94	3734239.51	8.08E-04
496	498171.58	3734239.54	8.13E-04
497	498181.21	3734239.56	8.17E-04
498	498190.84	3734239.59	8.21E-04
499	498200.47	3734239.62	8.25E-04
500	498210.11	3734239.64	8.27E-04
501	498219.74	3734239.67	8.30E-04
502	498229.37	3734239.7	8.31E-04
503	498239	3734239.72	8.32E-04
504	498248.64	3734239.75	8.33E-04
505	498258.27	3734239.78	8.33E-04
506	498267.9	3734239.81	8.32E-04
507	498277.53	3734239.83	8.31E-04
508	498287.17	3734239.86	8.29E-04
509	498153.16	3734273.35	7.54E-04
510	498144.48	3734269.69	7.55E-04
511	498135.8	3734266.04	7.55E-04
512	498127.12	3734262.38	7.54E-04
513	498118.44	3734258.72	7.53E-04
514	498109.76	3734255.07	7.52E-04
515	498101.08	3734251.41	7.50E-04
516	498092.41	3734247.75	7.47E-04

517	498083.73	3734244.1	7.44E-04
518	498075.05	3734240.44	7.41E-04
519	498066.37	3734236.78	7.37E-04
520	498057.69	3734233.13	7.32E-04
521	498049.01	3734229.47	7.27E-04
522	498040.33	3734225.81	7.22E-04
523	498031.65	3734222.16	7.16E-04
524	498161.84	3734277.01	7.53E-04
525	498171.47	3734277.03	7.57E-04
526	498181.1	3734277.06	7.61E-04
527	498190.74	3734277.09	7.63E-04
528	498200.37	3734277.12	7.66E-04
529	498210	3734277.14	7.68E-04
530	498219.63	3734277.17	7.69E-04
531	498229.27	3734277.2	7.70E-04
532	498238.9	3734277.22	7.71E-04
533	498248.53	3734277.25	7.71E-04
534	498258.16	3734277.28	7.70E-04
535	498267.8	3734277.3	7.69E-04
536	498277.43	3734277.33	7.68E-04
537	498287.06	3734277.36	7.66E-04
538	498153.04	3734310.85	7.05E-04
539	498144.35	3734307.18	7.06E-04
540	498135.66	3734303.52	7.07E-04
541	498126.96	3734299.86	7.07E-04
542	498118.27	3734296.2	7.07E-04
543	498109.58	3734292.53	7.06E-04
544	498100.88	3734288.87	7.04E-04
545	498092.19	3734285.21	7.03E-04
546	498083.5	3734281.55	7.01E-04
547	498074.81	3734277.88	6.98E-04
548	498066.11	3734274.22	6.95E-04
549	498057.42	3734270.56	6.91E-04
550	498048.73	3734266.9	6.88E-04
551	498040.04	3734263.23	6.83E-04
552	498031.34	3734259.57	6.79E-04
553	498161.73	3734314.51	7.04E-04
554	498171.37	3734314.53	7.07E-04
555	498181	3734314.56	7.09E-04
556	498190.63	3734314.59	7.12E-04
557	498200.26	3734314.62	7.13E-04
558	498209.9	3734314.64	7.15E-04
559	498219.53	3734314.67	7.16E-04
560	498229.16	3734314.7	7.16E-04
561	498238.79	3734314.72	7.16E-04
562	498248.43	3734314.75	7.16E-04
563	498258.06	3734314.78	7.15E-04
564	498267.69	3734314.8	7.14E-04
565	498277.32	3734314.83	7.12E-04
566	498286.96	3734314.86	7.10E-04
567	498152.92	3734348.34	6.61E-04
568	498144.22	3734344.67	6.62E-04

569	498135.51	3734341.01	6.63E-04
570	498126.81	3734337.34	6.64E-04
571	498118.11	3734333.67	6.64E-04
572	498109.4	3734330	6.64E-04
573	498100.7	3734326.34	6.63E-04
574	498091.99	3734322.67	6.62E-04
575	498083.29	3734319	6.60E-04
576	498074.58	3734315.33	6.59E-04
577	498065.88	3734311.67	6.56E-04
578	498057.17	3734308	6.54E-04
579	498048.47	3734304.33	6.51E-04
580	498039.77	3734300.66	6.47E-04
581	498031.06	3734297	6.44E-04
582	498161.63	3734352.01	6.59E-04
583	498171.26	3734352.03	6.62E-04
584	498180.89	3734352.06	6.64E-04
585	498190.53	3734352.09	6.65E-04
586	498200.16	3734352.12	6.66E-04
587	498209.79	3734352.14	6.67E-04
588	498219.42	3734352.17	6.68E-04
589	498229.06	3734352.2	6.68E-04
590	498238.69	3734352.22	6.67E-04
591	498248.32	3734352.25	6.67E-04
592	498257.95	3734352.28	6.66E-04
593	498267.59	3734352.3	6.64E-04
594	498277.22	3734352.33	6.63E-04
595	498286.85	3734352.36	6.60E-04
596	498152.65	3734405.44	6.01E-04
597	498143.84	3734401.72	6.03E-04
598	498135.03	3734398.01	6.04E-04
599	498126.21	3734394.3	6.05E-04
600	498117.4	3734390.58	6.06E-04
601	498108.58	3734386.87	6.06E-04
602	498099.77	3734383.16	6.06E-04
603	498090.96	3734379.44	6.06E-04
604	498082.14	3734375.73	6.05E-04
605	498073.33	3734372.01	6.04E-04
606	498064.51	3734368.3	6.03E-04
607	498055.7	3734364.59	6.01E-04
608	498046.89	3734360.87	5.99E-04
609	498038.07	3734357.16	5.96E-04
610	498161.47	3734409.15	5.99E-04
611	498171.1	3734409.18	6.01E-04
612	498180.73	3734409.2	6.02E-04
613	498190.37	3734409.23	6.03E-04
614	498200	3734409.26	6.03E-04
615	498209.63	3734409.29	6.04E-04
616	498219.26	3734409.31	6.04E-04
617	498228.9	3734409.34	6.03E-04
618	498238.53	3734409.37	6.03E-04
619	498248.16	3734409.39	6.02E-04
620	498257.79	3734409.42	6.00E-04

621	498267.43	3734409.45	5.99E-04
622	498277.06	3734409.47	5.97E-04
623	498286.69	3734409.5	5.95E-04
624	498152.55	3734462.6	5.49E-04
625	498143.8	3734458.92	5.51E-04
626	498135.04	3734455.23	5.52E-04
627	498126.29	3734451.54	5.54E-04
628	498117.54	3734447.85	5.55E-04
629	498108.78	3734444.16	5.55E-04
630	498100.03	3734440.47	5.56E-04
631	498091.27	3734436.78	5.56E-04
632	498082.52	3734433.1	5.56E-04
633	498073.76	3734429.41	5.56E-04
634	498065.01	3734425.72	5.55E-04
635	498056.25	3734422.03	5.54E-04
636	498047.5	3734418.34	5.53E-04
637	498038.75	3734414.65	5.52E-04
638	498161.31	3734466.29	5.47E-04
639	498170.94	3734466.32	5.48E-04
640	498180.57	3734466.35	5.49E-04
641	498190.21	3734466.37	5.49E-04
642	498199.84	3734466.4	5.49E-04
643	498209.47	3734466.43	5.49E-04
644	498219.1	3734466.45	5.49E-04
645	498228.74	3734466.48	5.48E-04
646	498238.37	3734466.51	5.47E-04
647	498248	3734466.54	5.46E-04
648	498257.63	3734466.56	5.45E-04
649	498267.27	3734466.59	5.43E-04
650	498276.9	3734466.62	5.42E-04
651	498286.53	3734466.64	5.40E-04
652	498152.3	3734519.71	5.04E-04
653	498143.46	3734515.98	5.06E-04
654	498134.61	3734512.26	5.07E-04
655	498125.77	3734508.53	5.09E-04
656	498116.92	3734504.8	5.10E-04
657	498108.08	3734501.08	5.11E-04
658	498099.23	3734497.35	5.12E-04
659	498090.39	3734493.62	5.12E-04
660	498081.54	3734489.9	5.13E-04
661	498072.7	3734486.17	5.13E-04
662	498063.85	3734482.44	5.13E-04
663	498055.01	3734478.72	5.12E-04
664	498046.16	3734474.99	5.12E-04
665	498037.32	3734471.26	5.11E-04
666	498161.15	3734523.44	5.02E-04
667	498170.78	3734523.46	5.02E-04
668	498180.41	3734523.49	5.02E-04
669	498190.05	3734523.52	5.02E-04
670	498199.68	3734523.54	5.02E-04
671	498209.31	3734523.57	5.02E-04
672	498218.94	3734523.6	5.01E-04

673	498228.58	3734523.62	5.01E-04
674	498238.21	3734523.65	5.00E-04
675	498247.84	3734523.68	4.99E-04
676	498257.47	3734523.71	4.97E-04
677	498267.11	3734523.73	4.96E-04
678	498276.74	3734523.76	4.94E-04
679	498286.37	3734523.79	4.92E-04
680	498037.91	3734528.72	4.74E-04
681	498369.66	3733847.41	2.80E-03
682	498401.69	3733855.62	2.59E-03
683	498392.48	3733859	2.58E-03
684	498383.26	3733862.39	2.57E-03
685	498374.05	3733865.78	2.55E-03
686	498364.84	3733869.16	2.53E-03
687	498405.82	3733874.08	2.35E-03
688	498396.68	3733877.44	2.35E-03
689	498387.55	3733880.79	2.34E-03
690	498378.41	3733884.15	2.33E-03
691	498369.27	3733887.51	2.32E-03
692	498409.99	3733892.52	2.15E-03
693	498400.91	3733895.86	2.15E-03
694	498391.83	3733899.2	2.15E-03
695	498382.75	3733902.54	2.14E-03
696	498373.67	3733905.87	2.13E-03
697	498364.59	3733909.21	2.12E-03
698	498405.15	3733914.28	1.98E-03
699	498396.12	3733917.6	1.98E-03
700	498387.08	3733920.92	1.97E-03
701	498378.05	3733924.25	1.97E-03
702	498369.01	3733927.57	1.96E-03
703	498406.68	3733933.7	1.83E-03
704	498397.35	3733937.13	1.83E-03
705	498388.03	3733940.55	1.83E-03
706	498378.71	3733943.98	1.82E-03
707	498369.38	3733947.41	1.82E-03
708	498401.66	3733955.52	1.69E-03
709	498392.39	3733958.93	1.70E-03
710	498383.13	3733962.33	1.69E-03
711	498373.87	3733965.74	1.69E-03
712	498364.61	3733969.14	1.68E-03
713	498405.96	3733973.92	1.58E-03
714	498396.75	3733977.31	1.58E-03
715	498387.53	3733980.7	1.58E-03
716	498378.32	3733984.08	1.58E-03
717	498369.11	3733987.47	1.57E-03
718	498401.09	3733995.69	1.47E-03
719	498391.92	3733999.06	1.47E-03
720	498382.75	3734002.43	1.47E-03
721	498373.57	3734005.81	1.47E-03
722	498364.4	3734009.18	1.47E-03
723	498405.43	3734014.08	1.38E-03
724	498396.29	3734017.44	1.38E-03

725	498387.15	3734020.79	1.38E-03
726	498378.02	3734024.15	1.38E-03
727	498368.88	3734027.51	1.38E-03
728	498406.4	3734033.7	1.30E-03
729	498397.07	3734037.13	1.30E-03
730	498387.75	3734040.55	1.30E-03
731	498378.43	3734043.98	1.30E-03
732	498369.1	3734047.41	1.30E-03
733	498405.49	3734071.49	1.16E-03
734	498396.31	3734074.87	1.16E-03
735	498387.13	3734078.24	1.16E-03
736	498377.96	3734081.62	1.16E-03
737	498368.78	3734084.99	1.16E-03
738	498401.08	3734110.58	1.05E-03
739	498391.85	3734113.97	1.05E-03
740	498382.61	3734117.36	1.05E-03
741	498373.38	3734120.76	1.05E-03
742	498364.14	3734124.15	1.05E-03
743	498424.42	3734139.46	9.44E-04
744	498415.14	3734142.87	9.47E-04
745	498405.86	3734146.28	9.50E-04
746	498396.58	3734149.69	9.52E-04
747	498627.79	3734062.85	7.25E-04
748	498643.71	3734096.31	6.57E-04
749	498634.39	3734099.74	6.69E-04
750	498531.83	3734137.44	7.90E-04
751	498522.51	3734140.86	7.99E-04
752	498513.19	3734144.29	8.07E-04
753	498503.87	3734147.72	8.15E-04
754	498494.54	3734151.14	8.23E-04
755	498485.22	3734154.57	8.30E-04
756	498475.9	3734158	8.36E-04
757	498466.57	3734161.42	8.42E-04
758	498457.25	3734164.85	8.48E-04
759	498447.93	3734168.28	8.53E-04
760	498438.6	3734171.71	8.57E-04
761	498429.28	3734175.13	8.61E-04
762	498419.96	3734178.56	8.64E-04
763	498410.64	3734181.99	8.67E-04
764	498401.31	3734185.41	8.69E-04
765	498652.16	3734091.36	6.47E-04
766	498668.06	3734124.82	5.90E-04
767	498658.7	3734128.26	6.01E-04
768	498649.34	3734131.7	6.12E-04
769	498639.99	3734135.14	6.23E-04
770	498630.63	3734138.58	6.34E-04
771	498555.77	3734166.1	7.10E-04
772	498546.42	3734169.54	7.18E-04
773	498537.06	3734172.98	7.26E-04
774	498527.7	3734176.42	7.34E-04
775	498518.34	3734179.85	7.41E-04
776	498508.99	3734183.29	7.48E-04

777	498499.63	3734186.73	7.55E-04
778	498490.27	3734190.17	7.61E-04
779	498480.92	3734193.61	7.67E-04
780	498471.56	3734197.05	7.72E-04
781	498462.2	3734200.49	7.77E-04
782	498452.84	3734203.93	7.81E-04
783	498443.49	3734207.37	7.85E-04
784	498434.13	3734210.81	7.89E-04
785	498424.77	3734214.25	7.92E-04
786	498415.42	3734217.69	7.95E-04
787	498406.06	3734221.13	7.97E-04
788	498396.7	3734224.57	7.98E-04
789	498676.53	3734119.86	5.81E-04
790	498692.47	3734153.31	5.33E-04
791	498683.22	3734156.71	5.43E-04
792	498673.96	3734160.11	5.53E-04
793	498664.7	3734163.52	5.62E-04
794	498655.44	3734166.92	5.72E-04
795	498646.18	3734170.33	5.81E-04
796	498636.92	3734173.73	5.90E-04
797	498627.66	3734177.13	5.99E-04
798	498553.58	3734204.37	6.63E-04
799	498544.32	3734207.77	6.69E-04
800	498535.06	3734211.17	6.76E-04
801	498525.8	3734214.58	6.82E-04
802	498516.54	3734217.98	6.88E-04
803	498507.28	3734221.38	6.94E-04
804	498498.02	3734224.79	7.00E-04
805	498488.76	3734228.19	7.05E-04
806	498479.5	3734231.6	7.09E-04
807	498470.24	3734235	7.14E-04
808	498460.98	3734238.4	7.18E-04
809	498451.72	3734241.81	7.22E-04
810	498442.46	3734245.21	7.25E-04
811	498433.2	3734248.62	7.28E-04
812	498423.94	3734252.02	7.31E-04
813	498414.68	3734255.42	7.33E-04
814	498405.42	3734258.83	7.35E-04
815	498396.16	3734262.23	7.37E-04
816	498700.89	3734148.37	5.26E-04
817	498716.83	3734181.82	4.85E-04
818	498707.53	3734185.23	4.94E-04
819	498698.24	3734188.65	5.02E-04
820	498688.95	3734192.07	5.11E-04
821	498679.65	3734195.48	5.19E-04
822	498670.36	3734198.9	5.28E-04
823	498661.07	3734202.31	5.36E-04
824	498651.77	3734205.73	5.44E-04
825	498642.48	3734209.15	5.52E-04
826	498633.19	3734212.56	5.59E-04
827	498549.54	3734243.31	6.21E-04
828	498540.25	3734246.72	6.27E-04

829	498530.96	3734250.14	6.32E-04
830	498521.66	3734253.56	6.37E-04
831	498512.37	3734256.97	6.42E-04
832	498503.08	3734260.39	6.47E-04
833	498493.78	3734263.81	6.52E-04
834	498484.49	3734267.22	6.56E-04
835	498475.2	3734270.64	6.60E-04
836	498465.9	3734274.05	6.64E-04
837	498456.61	3734277.47	6.67E-04
838	498447.32	3734280.89	6.70E-04
839	498438.02	3734284.3	6.73E-04
840	498428.73	3734287.72	6.76E-04
841	498419.44	3734291.13	6.78E-04
842	498410.14	3734294.55	6.80E-04
843	498400.85	3734297.97	6.81E-04
844	498725.26	3734176.87	4.78E-04
845	498741.18	3734210.33	4.43E-04
846	498731.86	3734213.75	4.51E-04
847	498722.53	3734217.18	4.59E-04
848	498713.21	3734220.61	4.66E-04
849	498703.89	3734224.03	4.74E-04
850	498694.56	3734227.46	4.81E-04
851	498685.24	3734230.89	4.89E-04
852	498675.92	3734234.32	4.96E-04
853	498666.6	3734237.74	5.03E-04
854	498657.27	3734241.17	5.10E-04
855	498647.95	3734244.6	5.17E-04
856	498638.63	3734248.02	5.24E-04
857	498629.3	3734251.45	5.31E-04
858	498554.72	3734278.87	5.78E-04
859	498545.4	3734282.29	5.83E-04
860	498536.07	3734285.72	5.88E-04
861	498526.75	3734289.15	5.92E-04
862	498517.43	3734292.57	5.97E-04
863	498508.11	3734296	6.01E-04
864	498498.78	3734299.43	6.05E-04
865	498489.46	3734302.86	6.09E-04
866	498480.14	3734306.28	6.13E-04
867	498470.81	3734309.71	6.16E-04
868	498461.49	3734313.14	6.19E-04
869	498452.17	3734316.56	6.22E-04
870	498442.85	3734319.99	6.25E-04
871	498433.52	3734323.42	6.27E-04
872	498424.2	3734326.85	6.29E-04
873	498414.88	3734330.27	6.31E-04
874	498405.55	3734333.7	6.33E-04
875	498396.23	3734337.13	6.34E-04
876	498749.63	3734205.37	4.37E-04
877	498778.31	3734253.76	3.90E-04
878	498768.99	3734257.19	3.96E-04
879	498759.66	3734260.62	4.03E-04
880	498750.34	3734264.04	4.09E-04

881	498741.02	3734267.47	4.16E-04
882	498731.7	3734270.9	4.22E-04
883	498722.37	3734274.32	4.29E-04
884	498713.05	3734277.75	4.35E-04
885	498703.73	3734281.18	4.41E-04
886	498694.4	3734284.6	4.47E-04
887	498685.08	3734288.03	4.53E-04
888	498675.76	3734291.46	4.59E-04
889	498666.44	3734294.89	4.65E-04
890	498657.11	3734298.31	4.71E-04
891	498647.79	3734301.74	4.76E-04
892	498638.47	3734305.17	4.82E-04
893	498554.56	3734336.01	5.25E-04
894	498545.24	3734339.44	5.29E-04
895	498535.91	3734342.86	5.33E-04
896	498526.59	3734346.29	5.36E-04
897	498517.27	3734349.72	5.40E-04
898	498507.95	3734353.14	5.43E-04
899	498498.62	3734356.57	5.47E-04
900	498489.3	3734360	5.50E-04
901	498479.98	3734363.43	5.53E-04
902	498470.65	3734366.85	5.55E-04
903	498461.33	3734370.28	5.58E-04
904	498452.01	3734373.71	5.60E-04
905	498442.69	3734377.13	5.63E-04
906	498433.36	3734380.56	5.65E-04
907	498424.04	3734383.99	5.66E-04
908	498414.72	3734387.41	5.68E-04
909	498405.39	3734390.84	5.70E-04
910	498396.07	3734394.27	5.71E-04
911	498786.76	3734248.81	3.84E-04
912	498815.44	3734297.2	3.45E-04
913	498806.12	3734300.62	3.51E-04
914	498796.8	3734304.05	3.57E-04
915	498787.47	3734307.48	3.63E-04
916	498778.15	3734310.9	3.68E-04
917	498768.83	3734314.33	3.74E-04
918	498759.5	3734317.76	3.79E-04
919	498750.18	3734321.18	3.85E-04
920	498740.86	3734324.61	3.90E-04
921	498731.54	3734328.04	3.95E-04
922	498722.21	3734331.47	4.01E-04
923	498712.89	3734334.89	4.06E-04
924	498703.57	3734338.32	4.11E-04
925	498694.24	3734341.75	4.16E-04
926	498684.92	3734345.17	4.21E-04
927	498675.6	3734348.6	4.26E-04
928	498666.27	3734352.03	4.31E-04
929	498656.95	3734355.46	4.35E-04
930	498647.63	3734358.88	4.40E-04
931	498638.31	3734362.31	4.44E-04
932	498554.4	3734393.15	4.79E-04

933	498545.08	3734396.58	4.82E-04
934	498535.75	3734400.01	4.86E-04
935	498526.43	3734403.43	4.89E-04
936	498517.11	3734406.86	4.92E-04
937	498507.79	3734410.29	4.94E-04
938	498498.46	3734413.71	4.97E-04
939	498489.14	3734417.14	5.00E-04
940	498479.82	3734420.57	5.02E-04
941	498470.49	3734424	5.04E-04
942	498461.17	3734427.42	5.06E-04
943	498451.85	3734430.85	5.08E-04
944	498442.53	3734434.28	5.10E-04
945	498433.2	3734437.7	5.12E-04
946	498423.88	3734441.13	5.13E-04
947	498414.56	3734444.56	5.15E-04
948	498405.23	3734447.98	5.16E-04
949	498395.91	3734451.41	5.17E-04
950	498823.89	3734292.24	3.41E-04
951	498852.57	3734340.63	3.09E-04
952	498843.25	3734344.06	3.14E-04
953	498833.93	3734347.48	3.19E-04
954	498824.6	3734350.91	3.24E-04
955	498815.28	3734354.34	3.28E-04
956	498805.96	3734357.77	3.33E-04
957	498796.64	3734361.19	3.38E-04
958	498787.31	3734364.62	3.43E-04
959	498777.99	3734368.05	3.48E-04
960	498768.67	3734371.47	3.52E-04
961	498759.34	3734374.9	3.57E-04
962	498750.02	3734378.33	3.62E-04
963	498740.7	3734381.75	3.66E-04
964	498731.38	3734385.18	3.70E-04
965	498722.05	3734388.61	3.75E-04
966	498712.73	3734392.04	3.79E-04
967	498703.41	3734395.46	3.83E-04
968	498694.08	3734398.89	3.88E-04
969	498684.76	3734402.32	3.92E-04
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971	498666.11	3734409.17	3.99E-04
972	498656.79	3734412.6	4.03E-04
973	498647.47	3734416.02	4.07E-04
974	498638.15	3734419.45	4.11E-04
975	498554.24	3734450.29	4.39E-04
976	498544.92	3734453.72	4.42E-04
977	498535.59	3734457.15	4.45E-04
978	498526.27	3734460.58	4.47E-04
979	498516.95	3734464	4.50E-04
980	498507.63	3734467.43	4.52E-04
981	498498.3	3734470.86	4.54E-04
982	498488.98	3734474.28	4.56E-04
983	498479.66	3734477.71	4.58E-04
984	498470.33	3734481.14	4.60E-04

985	498461.01	3734484.56	4.62E-04
986	498451.69	3734487.99	4.64E-04
987	498442.37	3734491.42	4.65E-04
988	498433.04	3734494.85	4.67E-04
989	498423.72	3734498.27	4.68E-04
990	498414.4	3734501.7	4.69E-04
991	498405.07	3734505.13	4.71E-04
992	498861.02	3734335.68	3.05E-04
993	498889.7	3734384.07	2.78E-04
994	498880.38	3734387.49	2.82E-04
995	498871.06	3734390.92	2.86E-04
996	498861.74	3734394.35	2.91E-04
997	498852.41	3734397.77	2.95E-04
998	498843.09	3734401.2	2.99E-04
999	498833.77	3734404.63	3.04E-04
1000	498824.44	3734408.05	3.08E-04
1001	498815.12	3734411.48	3.12E-04
1002	498805.8	3734414.91	3.16E-04
1003	498796.48	3734418.34	3.20E-04
1004	498787.15	3734421.76	3.24E-04
1005	498777.83	3734425.19	3.28E-04
1006	498768.51	3734428.62	3.32E-04
1007	498759.18	3734432.04	3.36E-04
1008	498749.86	3734435.47	3.40E-04
1009	498740.54	3734438.9	3.44E-04
1010	498731.21	3734442.32	3.47E-04
1011	498721.89	3734445.75	3.51E-04
1012	498712.57	3734449.18	3.55E-04
1013	498703.25	3734452.61	3.58E-04
1014	498693.92	3734456.03	3.62E-04
1015	498684.6	3734459.46	3.65E-04
1016	498675.28	3734462.89	3.68E-04
1017	498665.95	3734466.31	3.72E-04
1018	498656.63	3734469.74	3.75E-04
1019	498647.31	3734473.17	3.78E-04
1020	498637.99	3734476.59	3.81E-04
1021	498554.08	3734507.44	4.05E-04
1022	498544.76	3734510.86	4.07E-04
1023	498535.43	3734514.29	4.09E-04
1024	498526.11	3734517.72	4.11E-04
1025	498516.79	3734521.15	4.13E-04
1026	498507.47	3734524.57	4.15E-04
1027	498498.14	3734528	4.17E-04
1028	498898.16	3734379.11	2.74E-04
1029	498926.84	3734427.5	2.51E-04
1030	498917.51	3734430.93	2.55E-04
1031	498908.19	3734434.35	2.59E-04
1032	498898.87	3734437.78	2.63E-04
1033	498889.54	3734441.21	2.67E-04
1034	498880.22	3734444.63	2.70E-04
1035	498870.9	3734448.06	2.74E-04
1036	498861.58	3734451.49	2.78E-04

1037	498852.25	3734454.92	2.82E-04
1038	498842.93	3734458.34	2.85E-04
1039	498833.61	3734461.77	2.89E-04
1040	498824.28	3734465.2	2.93E-04
1041	498814.96	3734468.62	2.96E-04
1042	498805.64	3734472.05	3.00E-04
1043	498796.31	3734475.48	3.03E-04
1044	498786.99	3734478.9	3.07E-04
1045	498777.67	3734482.33	3.10E-04
1046	498768.35	3734485.76	3.13E-04
1047	498759.02	3734489.19	3.17E-04
1048	498749.7	3734492.61	3.20E-04
1049	498740.38	3734496.04	3.23E-04
1050	498731.05	3734499.47	3.26E-04
1051	498721.73	3734502.89	3.29E-04
1052	498712.41	3734506.32	3.32E-04
1053	498703.09	3734509.75	3.35E-04
1054	498693.76	3734513.17	3.38E-04
1055	498684.44	3734516.6	3.41E-04
1056	498675.12	3734520.03	3.44E-04
1057	498665.79	3734523.46	3.46E-04
1058	498656.47	3734526.88	3.49E-04
1059	498935.29	3734422.55	2.48E-04
1060	498963.97	3734470.93	2.29E-04
1061	498954.64	3734474.36	2.32E-04
1062	498945.32	3734477.79	2.35E-04
1063	498936	3734481.22	2.39E-04
1064	498926.68	3734484.64	2.42E-04
1065	498917.35	3734488.07	2.46E-04
1066	498908.03	3734491.5	2.49E-04
1067	498898.71	3734494.92	2.52E-04
1068	498889.38	3734498.35	2.56E-04
1069	498880.06	3734501.78	2.59E-04
1070	498870.74	3734505.2	2.62E-04
1071	498861.42	3734508.63	2.65E-04
1072	498852.09	3734512.06	2.69E-04
1073	498842.77	3734515.49	2.72E-04
1074	498833.45	3734518.91	2.75E-04
1075	498824.12	3734522.34	2.78E-04
1076	498814.8	3734525.77	2.81E-04
1077	498805.48	3734529.19	2.84E-04
1078	498740.22	3734553.18	3.04E-04
1079	498730.89	3734556.61	3.07E-04
1080	498721.57	3734560.04	3.09E-04
1081	498712.25	3734563.46	3.12E-04
1082	498702.93	3734566.89	3.14E-04
1083	498693.6	3734570.32	3.17E-04
1084	498684.28	3734573.74	3.19E-04
1085	498674.96	3734577.17	3.21E-04
1086	498665.63	3734580.6	3.24E-04
1087	498656.31	3734584.03	3.26E-04
1088	498646.99	3734587.45	3.28E-04

1089	498637.67	3734590.88	3.30E-04
1090	498628.34	3734594.31	3.32E-04
1091	498619.02	3734597.73	3.34E-04
1092	498609.7	3734601.16	3.36E-04
1093	498600.37	3734604.59	3.38E-04
1094	498591.05	3734608.01	3.40E-04
1095	498972.42	3734465.98	2.26E-04
1096	499001.1	3734514.37	2.09E-04
1097	498991.78	3734517.8	2.12E-04
1098	498982.45	3734521.22	2.15E-04
1099	498973.13	3734524.65	2.18E-04
1100	498963.81	3734528.08	2.21E-04
1101	498889.22	3734555.49	2.45E-04
1102	498879.9	3734558.92	2.48E-04
1103	498870.58	3734562.35	2.50E-04
1104	498861.25	3734565.77	2.53E-04
1105	498851.93	3734569.2	2.56E-04
1106	498842.61	3734572.63	2.59E-04
1107	498833.29	3734576.06	2.61E-04
1108	498823.96	3734579.48	2.64E-04
1109	498814.64	3734582.91	2.67E-04
1110	498805.32	3734586.34	2.69E-04
1111	498795.99	3734589.76	2.72E-04
1112	498786.67	3734593.19	2.75E-04
1113	498777.35	3734596.62	2.77E-04
1114	498768.03	3734600.04	2.79E-04
1115	498758.7	3734603.47	2.82E-04
1116	498749.38	3734606.9	2.84E-04
1117	498740.06	3734610.33	2.86E-04
1118	498730.73	3734613.75	2.89E-04
1119	498721.41	3734617.18	2.91E-04
1120	498712.09	3734620.61	2.93E-04
1121	498702.77	3734624.03	2.95E-04
1122	498693.44	3734627.46	2.97E-04
1123	498684.12	3734630.89	2.99E-04
1124	498674.8	3734634.31	3.01E-04
1125	498665.47	3734637.74	3.03E-04
1126	498656.15	3734641.17	3.05E-04
1127	498646.83	3734644.6	3.07E-04
1128	498637.51	3734648.02	3.09E-04
1129	498628.18	3734651.45	3.11E-04
1130	498618.86	3734654.88	3.12E-04
1131	498609.54	3734658.3	3.14E-04
1132	498600.21	3734661.73	3.16E-04
1133	498590.89	3734665.16	3.17E-04
1134	499009.55	3734509.42	2.07E-04
1135	498646.29	3734143.71	6.05E-04
1136	498668.33	3734174.05	5.49E-04
1137	498690.37	3734204.39	5.01E-04
1138	498712.41	3734234.73	4.59E-04
1139	498746	3734280.96	4.05E-04
1140	498779.58	3734327.19	3.61E-04

1141	498813.17	3734373.42	3.24E-04
1142	498846.76	3734419.65	2.93E-04
1143	498880.34	3734465.88	2.66E-04
1144	498913.93	3734512.11	2.43E-04
1145	498947.52	3734558.34	2.23E-04
1146	498489.03	3734138.61	8.55E-04
1147	498500.24	3734174.4	7.74E-04
1148	498508.89	3734171.69	7.67E-04
1149	498511.46	3734210.18	7.05E-04
1150	498520.11	3734207.47	6.99E-04
1151	498545.09	3734317.54	5.49E-04
1152	498553.74	3734314.83	5.44E-04
1153	498664.68	3734699.24	2.83E-04
1154	498673.33	3734696.53	2.82E-04
1155	498447.97	3734148.15	8.94E-04
1156	498459.88	3734145.99	8.82E-04
1157	498454.66	3734185.05	8.13E-04
1158	498466.57	3734182.89	8.02E-04
1159	498461.35	3734221.95	7.43E-04
1160	498473.26	3734219.79	7.34E-04
1161	498468.05	3734258.84	6.82E-04
1162	498479.96	3734256.68	6.74E-04
1163	498474.74	3734295.74	6.29E-04
1164	498486.65	3734293.58	6.22E-04
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1167	498491.63	3734388.87	5.22E-04
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1169	498501.82	3734445.09	4.71E-04
1170	498513.73	3734442.93	4.66E-04
1171	498512.02	3734501.32	4.28E-04
1172	498523.93	3734499.16	4.23E-04
1173	498443.98	3734186.39	8.22E-04
1174	498448.79	3734223.58	7.53E-04
1175	498453.6	3734260.77	6.92E-04
1176	498458.41	3734297.96	6.40E-04
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1178	498470.55	3734391.83	5.32E-04
1179	498477.88	3734448.5	4.81E-04
1180	498485.21	3734505.17	4.37E-04
1181	498501.99	3734503	4.31E-04
1182	498421.18	3734150.51	9.23E-04
1183	498430.95	3734150.54	9.11E-04
1184	498470.05	3734150.67	8.59E-04
1185	498528.7	3734150.88	7.73E-04
1186	498538.48	3734150.91	7.58E-04
1187	498548.25	3734150.94	7.43E-04
1188	498421.05	3734188	8.44E-04
1189	498430.82	3734188.04	8.34E-04
1190	498528.57	3734188.38	7.15E-04
1191	498538.35	3734188.41	7.03E-04
1192	498548.12	3734188.44	6.90E-04

1193	498420.92	3734225.5	7.76E-04
1194	498430.69	3734225.54	7.67E-04
1195	498528.44	3734225.88	6.65E-04
1196	498538.22	3734225.91	6.54E-04
1197	498547.99	3734225.94	6.43E-04
1198	498557.77	3734225.98	6.32E-04
1199	498420.79	3734263	7.17E-04
1200	498430.56	3734263.04	7.09E-04
1201	498440.34	3734263.07	7.01E-04
1202	498528.31	3734263.38	6.19E-04
1203	498538.09	3734263.41	6.10E-04
1204	498547.86	3734263.44	6.00E-04
1205	498557.64	3734263.48	5.91E-04
1206	498420.66	3734300.5	6.65E-04
1207	498430.43	3734300.54	6.57E-04
1208	498440.21	3734300.57	6.50E-04
1209	498528.18	3734300.88	5.79E-04
1210	498537.96	3734300.91	5.71E-04
1211	498547.73	3734300.94	5.62E-04
1212	498557.51	3734300.98	5.54E-04
1213	498420.53	3734338	6.18E-04
1214	498430.3	3734338.04	6.12E-04
1215	498440.08	3734338.07	6.06E-04
1216	498449.85	3734338.11	5.99E-04
1217	498498.73	3734338.27	5.64E-04
1218	498508.5	3734338.31	5.57E-04
1219	498518.28	3734338.34	5.50E-04
1220	498420.33	3734395.15	5.57E-04
1221	498430.11	3734395.18	5.52E-04
1222	498439.88	3734395.21	5.47E-04
1223	498449.66	3734395.25	5.41E-04
1224	498459.43	3734395.28	5.35E-04
1225	498478.98	3734395.35	5.24E-04
1226	498498.53	3734395.42	5.12E-04
1227	498508.31	3734395.45	5.06E-04
1228	498518.08	3734395.48	5.00E-04
1229	498420.13	3734452.29	5.06E-04
1230	498429.91	3734452.32	5.01E-04
1231	498439.68	3734452.36	4.97E-04
1232	498449.46	3734452.39	4.92E-04
1233	498459.23	3734452.42	4.87E-04
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1235	498488.56	3734452.53	4.72E-04
1236	498508.11	3734452.59	4.62E-04
1237	498517.88	3734452.63	4.57E-04
1238	498419.94	3734509.43	4.62E-04
1239	498429.71	3734509.47	4.58E-04
1240	498439.49	3734509.5	4.54E-04
1241	498449.26	3734509.53	4.50E-04
1242	498459.04	3734509.57	4.45E-04
1243	498468.81	3734509.6	4.41E-04
1244	498517.69	3734509.77	4.20E-04

1245	498664.27	3734070.01	6.46E-04
1246	498655.43	3734073.63	6.59E-04
1247	498646.59	3734077.25	6.72E-04
1248	498637.74	3734080.88	6.84E-04
1249	498628.9	3734084.5	6.97E-04
1250	498708.36	3734089.4	5.55E-04
1251	498699.52	3734093.02	5.66E-04
1252	498690.67	3734096.64	5.78E-04
1253	498681.83	3734100.26	5.89E-04
1254	498672.99	3734103.89	6.00E-04
1255	498664.14	3734107.51	6.11E-04
1256	498655.3	3734111.13	6.22E-04
1257	498646.46	3734114.75	6.33E-04
1258	498637.61	3734118.38	6.44E-04
1259	498628.77	3734122	6.54E-04
1260	498752.45	3734108.78	4.80E-04
1261	498743.6	3734112.41	4.90E-04
1262	498734.76	3734116.03	5.00E-04
1263	498725.92	3734119.65	5.10E-04
1264	498717.07	3734123.27	5.20E-04
1265	498708.23	3734126.9	5.30E-04
1266	498699.39	3734130.52	5.40E-04
1267	498690.54	3734134.14	5.50E-04
1268	498681.7	3734137.76	5.60E-04
1269	498672.86	3734141.39	5.69E-04
1270	498664.01	3734145.01	5.79E-04
1271	498655.17	3734148.63	5.88E-04
1272	498637.48	3734155.88	6.06E-04
1273	498628.64	3734159.5	6.15E-04
1274	498793.74	3734129.32	4.20E-04
1275	498784.66	3734133.03	4.30E-04
1276	498775.59	3734136.75	4.39E-04
1277	498766.51	3734140.47	4.48E-04
1278	498757.44	3734144.19	4.57E-04
1279	498748.36	3734147.9	4.66E-04
1280	498739.28	3734151.62	4.75E-04
1281	498730.21	3734155.34	4.84E-04
1282	498721.13	3734159.06	4.93E-04
1283	498712.06	3734162.78	5.02E-04
1284	498702.98	3734166.49	5.11E-04
1285	498693.9	3734170.21	5.20E-04
1286	498684.83	3734173.93	5.29E-04
1287	498657.6	3734185.08	5.54E-04
1288	498648.53	3734188.8	5.62E-04
1289	498639.45	3734192.52	5.70E-04
1290	498630.37	3734196.24	5.77E-04
1291	498838.46	3734148.44	3.68E-04
1292	498829.4	3734152.15	3.76E-04
1293	498820.34	3734155.86	3.84E-04
1294	498811.28	3734159.58	3.92E-04
1295	498802.23	3734163.29	4.00E-04
1296	498793.17	3734167	4.08E-04

1297	498784.11	3734170.71	4.16E-04
1298	498775.05	3734174.42	4.24E-04
1299	498765.99	3734178.13	4.32E-04
1300	498756.93	3734181.84	4.40E-04
1301	498747.87	3734185.55	4.48E-04
1302	498738.81	3734189.26	4.56E-04
1303	498729.76	3734192.97	4.64E-04
1304	498720.7	3734196.68	4.72E-04
1305	498711.64	3734200.39	4.80E-04
1306	498702.58	3734204.1	4.88E-04
1307	498684.46	3734211.53	5.03E-04
1308	498675.4	3734215.24	5.10E-04
1309	498666.34	3734218.95	5.17E-04
1310	498657.28	3734222.66	5.24E-04
1311	498648.23	3734226.37	5.31E-04
1312	498639.17	3734230.08	5.38E-04
1313	498630.11	3734233.79	5.45E-04
1314	498883.1	3734167.61	3.23E-04
1315	498874.05	3734171.31	3.30E-04
1316	498865.01	3734175.02	3.37E-04
1317	498855.96	3734178.72	3.44E-04
1318	498846.92	3734182.42	3.51E-04
1319	498837.88	3734186.13	3.59E-04
1320	498828.83	3734189.83	3.66E-04
1321	498819.79	3734193.54	3.73E-04
1322	498810.74	3734197.24	3.80E-04
1323	498801.7	3734200.95	3.88E-04
1324	498792.66	3734204.65	3.95E-04
1325	498783.61	3734208.36	4.02E-04
1326	498774.57	3734212.06	4.09E-04
1327	498765.52	3734215.77	4.16E-04
1328	498756.48	3734219.47	4.24E-04
1329	498747.43	3734223.18	4.31E-04
1330	498738.39	3734226.88	4.38E-04
1331	498729.35	3734230.59	4.45E-04
1332	498702.21	3734241.7	4.65E-04
1333	498693.17	3734245.41	4.72E-04
1334	498684.13	3734249.11	4.78E-04
1335	498675.08	3734252.81	4.85E-04
1336	498666.04	3734256.52	4.91E-04
1337	498656.99	3734260.22	4.97E-04
1338	498647.95	3734263.93	5.03E-04
1339	498638.91	3734267.63	5.09E-04
1340	498629.86	3734271.34	5.14E-04
1341	498918.63	3734190.5	2.92E-04
1342	498909.6	3734194.2	2.98E-04
1343	498900.57	3734197.9	3.04E-04
1344	498891.54	3734201.6	3.11E-04
1345	498882.51	3734205.29	3.17E-04
1346	498873.47	3734208.99	3.23E-04
1347	498864.44	3734212.69	3.30E-04
1348	498855.41	3734216.39	3.36E-04

1349	498846.38	3734220.09	3.43E-04
1350	498837.35	3734223.79	3.49E-04
1351	498828.32	3734227.49	3.56E-04
1352	498819.29	3734231.19	3.62E-04
1353	498810.25	3734234.89	3.69E-04
1354	498801.22	3734238.59	3.75E-04
1355	498995.26	3734216.17	2.40E-04
1356	498986.32	3734219.83	2.45E-04
1357	498977.38	3734223.49	2.50E-04
1358	498968.44	3734227.16	2.55E-04
1359	498959.5	3734230.82	2.60E-04
1360	498923.73	3734245.47	2.81E-04
1361	498914.79	3734249.13	2.86E-04
1362	498905.85	3734252.79	2.92E-04
1363	498896.91	3734256.45	2.97E-04
1364	498887.97	3734260.12	3.03E-04
1365	498879.03	3734263.78	3.08E-04
1366	498870.09	3734267.44	3.14E-04
1367	498861.15	3734271.1	3.19E-04
1368	498852.21	3734274.77	3.25E-04
1369	498843.27	3734278.43	3.30E-04
1370	498834.33	3734282.09	3.36E-04
1371	499066.08	3734236.78	2.03E-04
1372	499053.28	3734249.46	2.08E-04
1373	499044.26	3734253.16	2.12E-04
1374	499035.24	3734256.86	2.17E-04
1375	499026.21	3734260.55	2.21E-04
1376	499017.19	3734264.25	2.25E-04
1377	499008.17	3734267.94	2.29E-04
1378	498999.14	3734271.64	2.34E-04
1379	498990.12	3734275.34	2.38E-04
1380	498981.09	3734279.03	2.43E-04
1381	498972.07	3734282.73	2.47E-04
1382	498963.05	3734286.43	2.52E-04
1383	498935.98	3734297.51	2.66E-04
1384	498926.95	3734301.21	2.71E-04
1385	498917.93	3734304.91	2.76E-04
1386	498908.91	3734308.6	2.80E-04
1387	498899.88	3734312.3	2.85E-04
1388	498890.86	3734316	2.90E-04
1389	498881.83	3734319.69	2.95E-04
1390	498872.81	3734323.39	3.00E-04
1391	498863.79	3734327.09	3.05E-04
1392	498845.74	3734334.48	3.15E-04
1393	499117.51	3734250.69	1.81E-04
1394	499113.76	3734259.61	1.82E-04
1395	499110.02	3734268.52	1.83E-04
1396	499106.28	3734277.43	1.85E-04
1397	499093.59	3734290.01	1.89E-04
1398	499084.64	3734293.68	1.93E-04
1399	499075.7	3734297.34	1.96E-04
1400	499066.75	3734301.01	2.00E-04

1401	499057.8	3734304.67	2.04E-04
1402	499048.86	3734308.34	2.07E-04
1403	499039.91	3734312	2.11E-04
1404	499030.96	3734315.67	2.15E-04
1405	499022.01	3734319.33	2.19E-04
1406	499013.07	3734323	2.23E-04
1407	499004.12	3734326.66	2.27E-04
1408	498995.17	3734330.33	2.31E-04
1409	498986.23	3734333.99	2.35E-04
1410	498977.28	3734337.66	2.39E-04
1411	498968.33	3734341.32	2.43E-04
1412	498959.39	3734344.99	2.47E-04
1413	498950.44	3734348.65	2.51E-04
1414	498941.49	3734352.32	2.55E-04
1415	498932.55	3734355.98	2.60E-04
1416	498923.6	3734359.65	2.64E-04
1417	498914.65	3734363.31	2.68E-04
1418	498905.71	3734366.98	2.72E-04
1419	498887.81	3734374.31	2.81E-04
1420	498878.87	3734377.97	2.85E-04
1421	498869.92	3734381.63	2.89E-04
1422	498860.97	3734385.3	2.93E-04
1423	499169.17	3734264.03	1.62E-04
1424	499165.4	3734273.02	1.63E-04
1425	499161.63	3734282.01	1.64E-04
1426	499157.86	3734290.99	1.65E-04
1427	499154.08	3734299.98	1.66E-04
1428	499150.31	3734308.96	1.67E-04
1429	499146.54	3734317.95	1.69E-04
1430	499133.75	3734330.63	1.73E-04
1431	499124.73	3734334.32	1.76E-04
1432	499115.71	3734338.01	1.79E-04
1433	499106.69	3734341.71	1.82E-04
1434	499097.67	3734345.4	1.85E-04
1435	499088.66	3734349.1	1.89E-04
1436	499079.64	3734352.79	1.92E-04
1437	499070.62	3734356.48	1.95E-04
1438	499061.6	3734360.18	1.99E-04
1439	499052.58	3734363.87	2.02E-04
1440	499043.57	3734367.57	2.06E-04
1441	499034.55	3734371.26	2.09E-04
1442	499025.53	3734374.95	2.13E-04
1443	499016.51	3734378.65	2.16E-04
1444	499007.49	3734382.34	2.20E-04
1445	498998.47	3734386.04	2.24E-04
1446	498989.46	3734389.73	2.27E-04
1447	498980.44	3734393.43	2.31E-04
1448	498971.42	3734397.12	2.35E-04
1449	498962.4	3734400.81	2.39E-04
1450	498953.38	3734404.51	2.42E-04
1451	498944.37	3734408.2	2.46E-04
1452	498935.35	3734411.9	2.50E-04

1453	498926.33	3734415.59	2.53E-04
1454	498917.31	3734419.28	2.57E-04
1455	498908.29	3734422.98	2.61E-04
1456	498899.28	3734426.67	2.65E-04
1457	498890.26	3734430.37	2.68E-04
1458	498881.24	3734434.06	2.72E-04
1459	498872.22	3734437.75	2.76E-04
1460	498863.2	3734441.45	2.79E-04
1461	498854.19	3734445.14	2.83E-04
1462	498845.17	3734448.84	2.86E-04
1463	499205.79	3734313.23	1.50E-04
1464	499201.99	3734322.27	1.51E-04
1465	499198.19	3734331.32	1.52E-04
1466	499194.39	3734340.37	1.53E-04
1467	499190.59	3734349.42	1.54E-04
1468	499186.79	3734358.47	1.55E-04
1469	499173.91	3734371.23	1.58E-04
1470	499164.83	3734374.95	1.61E-04
1471	499155.75	3734378.67	1.64E-04
1472	499146.67	3734382.39	1.67E-04
1473	499137.59	3734386.11	1.70E-04
1474	499128.51	3734389.83	1.73E-04
1475	499119.42	3734393.55	1.76E-04
1476	499110.34	3734397.27	1.79E-04
1477	499101.26	3734400.99	1.82E-04
1478	499092.18	3734404.71	1.85E-04
1479	499083.1	3734408.43	1.88E-04
1480	499074.02	3734412.15	1.91E-04
1481	499064.94	3734415.87	1.94E-04
1482	499055.86	3734419.59	1.97E-04
1483	499046.77	3734423.31	2.00E-04
1484	499037.69	3734427.03	2.04E-04
1485	499028.61	3734430.75	2.07E-04
1486	499019.53	3734434.47	2.10E-04
1487	499010.45	3734438.19	2.13E-04
1488	499001.37	3734441.91	2.17E-04
1489	498992.29	3734445.63	2.20E-04
1490	498983.21	3734449.35	2.23E-04
1491	498974.13	3734453.07	2.27E-04
1492	498965.04	3734456.79	2.30E-04
1493	498955.96	3734460.51	2.33E-04
1494	498946.88	3734464.23	2.37E-04
1495	498937.8	3734467.95	2.40E-04
1496	498928.72	3734471.67	2.43E-04
1497	498919.64	3734475.39	2.47E-04
1498	498910.56	3734479.11	2.50E-04
1499	498901.48	3734482.83	2.53E-04
1500	498892.4	3734486.55	2.57E-04
1501	498883.31	3734490.27	2.60E-04
1502	498874.23	3734493.99	2.63E-04
1503	498865.15	3734497.71	2.66E-04
1504	498856.07	3734501.43	2.69E-04

1505	499205.19	3734415.48	1.48E-04
1506	499196.18	3734419.17	1.51E-04
1507	499187.17	3734422.87	1.53E-04
1508	499178.15	3734426.56	1.56E-04
1509	499169.14	3734430.25	1.58E-04
1510	499160.12	3734433.94	1.61E-04
1511	499151.11	3734437.64	1.64E-04
1512	499142.1	3734441.33	1.66E-04
1513	499133.08	3734445.02	1.69E-04
1514	499124.07	3734448.71	1.72E-04
1515	499115.05	3734452.41	1.74E-04
1516	499106.04	3734456.1	1.77E-04
1517	499097.03	3734459.79	1.80E-04
1518	499088.01	3734463.48	1.83E-04
1519	499079	3734467.18	1.86E-04
1520	499069.99	3734470.87	1.88E-04
1521	499060.97	3734474.56	1.91E-04
1522	499051.96	3734478.25	1.94E-04
1523	499042.94	3734481.94	1.97E-04
1524	499033.93	3734485.64	2.00E-04
1525	499024.92	3734489.33	2.03E-04
1526	499015.9	3734493.02	2.06E-04
1527	499006.89	3734496.71	2.09E-04
1528	498997.87	3734500.41	2.12E-04
1529	498988.86	3734504.1	2.15E-04
1530	498979.85	3734507.79	2.18E-04
1531	498970.83	3734511.48	2.21E-04
1532	498961.82	3734515.18	2.24E-04
1533	498952.8	3734518.87	2.27E-04
1534	498943.79	3734522.56	2.30E-04
1535	498934.78	3734526.25	2.32E-04
1536	498862.67	3734555.79	2.55E-04
1537	498853.65	3734559.48	2.58E-04
1538	498844.64	3734563.18	2.60E-04
1539	498835.62	3734566.87	2.63E-04
1540	499544.26	3733779.94	7.70E-05
1541	499540.46	3733788.98	7.76E-05
1542	499536.67	3733798.02	7.81E-05
1543	499532.87	3733807.06	7.87E-05
1544	499529.08	3733816.09	7.93E-05
1545	499525.28	3733825.13	7.99E-05
1546	499521.49	3733834.17	8.05E-05
1547	499517.69	3733843.2	8.11E-05
1548	499513.9	3733852.24	8.17E-05
1549	499510.1	3733861.28	8.23E-05
1550	499209.03	3734470.97	1.46E-04
1551	499199.96	3734474.69	1.48E-04
1552	499190.89	3734478.4	1.51E-04
1553	499181.82	3734482.12	1.53E-04
1554	499172.75	3734485.83	1.56E-04
1555	499163.68	3734489.55	1.58E-04
1556	499154.61	3734493.26	1.60E-04

1557	499145.54	3734496.98	1.63E-04
1558	499136.47	3734500.69	1.65E-04
1559	499127.4	3734504.41	1.68E-04
1560	499118.33	3734508.13	1.70E-04
1561	499109.26	3734511.84	1.73E-04
1562	499100.19	3734515.56	1.76E-04
1563	499091.12	3734519.27	1.78E-04
1564	499082.05	3734522.99	1.81E-04
1565	499072.98	3734526.7	1.83E-04
1566	498973.21	3734567.57	2.13E-04
1567	498964.14	3734571.29	2.15E-04
1568	498955.07	3734575	2.18E-04
1569	498946	3734578.72	2.20E-04
1570	498936.93	3734582.43	2.23E-04
1571	498927.86	3734586.15	2.26E-04
1572	498918.79	3734589.86	2.28E-04
1573	498909.72	3734593.58	2.31E-04
1574	498900.65	3734597.29	2.33E-04
1575	498891.58	3734601.01	2.36E-04
1576	498882.51	3734604.72	2.38E-04
1577	498873.44	3734608.44	2.40E-04
1578	498864.37	3734612.15	2.43E-04
1579	498855.3	3734615.87	2.45E-04
1580	498846.23	3734619.58	2.47E-04
1581	498837.16	3734623.3	2.50E-04
1582	498828.09	3734627.01	2.52E-04
1583	498819.02	3734630.73	2.54E-04
1584	498809.95	3734634.45	2.56E-04
1585	498800.88	3734638.16	2.58E-04
1586	498791.81	3734641.88	2.60E-04
1587	498782.74	3734645.59	2.62E-04
1588	498773.67	3734649.31	2.64E-04
1589	498764.61	3734653.02	2.66E-04
1590	498755.54	3734656.74	2.68E-04
1591	498746.47	3734660.45	2.70E-04
1592	498737.4	3734664.17	2.72E-04
1593	498728.33	3734667.88	2.74E-04
1594	498719.26	3734671.6	2.75E-04
1595	498710.19	3734675.31	2.77E-04
1596	498701.12	3734679.03	2.79E-04
1597	498692.05	3734682.74	2.80E-04
1598	498682.98	3734686.46	2.82E-04
1599	498655.77	3734697.61	2.87E-04
1600	498646.7	3734701.32	2.88E-04
1601	498637.63	3734705.04	2.89E-04
1602	498628.56	3734708.75	2.91E-04
1603	498619.49	3734712.47	2.92E-04
1604	498610.42	3734716.18	2.93E-04
1605	498601.35	3734719.9	2.95E-04
1606	498592.28	3734723.61	2.96E-04
1607	498160.23	3733009.55	8.78E-04
1608	498157.77	3733023.43	9.19E-04

1609	498157.69	3733033.08	9.61E-04
1610	498157.62	3733042.74	1.01E-03
1611	498157.55	3733052.39	1.06E-03
1612	498157.47	3733062.05	1.11E-03
1613	498157.4	3733071.7	1.17E-03
1614	498157.33	3733081.35	1.23E-03
1615	498157.25	3733091.01	1.29E-03
1616	498157.18	3733100.66	1.36E-03
1617	498157.11	3733110.32	1.43E-03
1618	498157.04	3733119.97	1.50E-03
1619	498156.96	3733129.63	1.57E-03
1620	498156.89	3733139.28	1.64E-03
1621	498156.82	3733148.94	1.70E-03
1622	498156.74	3733158.59	1.77E-03
1623	498156.67	3733168.24	1.83E-03
1624	498156.6	3733177.9	1.89E-03
1625	498156.52	3733187.55	1.95E-03
1626	498156.45	3733197.21	2.01E-03
1627	498156.38	3733206.86	2.07E-03
1628	498156.3	3733216.52	2.12E-03
1629	498156.23	3733226.17	2.17E-03
1630	498156.16	3733235.83	2.22E-03
1631	498156.08	3733245.48	2.27E-03
1632	498156.01	3733255.13	2.31E-03
1633	498151.03	3733008.06	8.18E-04
1634	498147.77	3733023.35	8.53E-04
1635	498147.69	3733033.01	8.88E-04
1636	498147.62	3733042.66	9.26E-04
1637	498147.55	3733052.32	9.66E-04
1638	498147.47	3733061.97	1.01E-03
1639	498147.4	3733071.62	1.05E-03
1640	498147.33	3733081.28	1.10E-03
1641	498147.25	3733090.93	1.15E-03
1642	498147.18	3733100.59	1.21E-03
1643	498147.11	3733110.24	1.26E-03
1644	498147.04	3733119.9	1.32E-03
1645	498146.96	3733129.55	1.37E-03
1646	498146.89	3733139.21	1.43E-03
1647	498146.82	3733148.86	1.49E-03
1648	498146.74	3733158.51	1.54E-03
1649	498146.67	3733168.17	1.60E-03
1650	498146.6	3733177.82	1.65E-03
1651	498146.52	3733187.48	1.70E-03
1652	498146.45	3733197.13	1.76E-03
1653	498146.38	3733206.79	1.81E-03
1654	498146.3	3733216.44	1.85E-03
1655	498146.23	3733226.1	1.90E-03
1656	498146.16	3733235.75	1.94E-03
1657	498146.08	3733245.4	1.99E-03
1658	498146.01	3733255.06	2.03E-03
1659	498141.43	3733007.28	7.65E-04
1660	498137.77	3733023.28	7.95E-04

1661	498137.69	3733032.93	8.26E-04
1662	498137.62	3733042.59	8.58E-04
1663	498137.55	3733052.24	8.91E-04
1664	498137.47	3733061.89	9.26E-04
1665	498137.4	3733071.55	9.64E-04
1666	498137.33	3733081.2	1.00E-03
1667	498137.26	3733090.86	1.04E-03
1668	498137.18	3733100.51	1.09E-03
1669	498137.11	3733110.17	1.13E-03
1670	498137.04	3733119.82	1.18E-03
1671	498136.96	3733129.48	1.23E-03
1672	498136.89	3733139.13	1.27E-03
1673	498136.82	3733148.78	1.32E-03
1674	498136.74	3733158.44	1.37E-03
1675	498136.67	3733168.09	1.42E-03
1676	498136.6	3733177.75	1.46E-03
1677	498136.52	3733187.4	1.51E-03
1678	498136.45	3733197.06	1.56E-03
1679	498136.38	3733206.71	1.60E-03
1680	498136.3	3733216.36	1.64E-03
1681	498136.23	3733226.02	1.68E-03
1682	498136.16	3733235.67	1.73E-03
1683	498136.08	3733245.33	1.76E-03
1684	498136.01	3733254.98	1.80E-03
1685	498131.67	3733006.78	7.19E-04
1686	498127.77	3733023.2	7.45E-04
1687	498127.69	3733032.86	7.71E-04
1688	498127.62	3733042.51	7.99E-04
1689	498127.55	3733052.16	8.27E-04
1690	498127.48	3733061.82	8.57E-04
1691	498127.4	3733071.47	8.89E-04
1692	498127.33	3733081.13	9.22E-04
1693	498127.26	3733090.78	9.56E-04
1694	498127.18	3733100.44	9.92E-04
1695	498127.11	3733110.09	1.03E-03
1696	498127.04	3733119.75	1.07E-03
1697	498126.96	3733129.4	1.11E-03
1698	498126.89	3733139.05	1.15E-03
1699	498126.82	3733148.71	1.19E-03
1700	498126.74	3733158.36	1.23E-03
1701	498126.67	3733168.02	1.27E-03
1702	498126.6	3733177.67	1.31E-03
1703	498126.52	3733187.33	1.35E-03
1704	498126.45	3733196.98	1.39E-03
1705	498126.38	3733206.63	1.43E-03
1706	498126.3	3733216.29	1.47E-03
1707	498126.23	3733225.94	1.51E-03
1708	498126.16	3733235.6	1.55E-03
1709	498126.08	3733245.25	1.58E-03
1710	498126.01	3733254.91	1.62E-03
1711	498121.83	3733006.42	6.78E-04
1712	498129.8	3732992.33	6.76E-04

1713	498117.77	3733023.13	7.01E-04
1714	498117.7	3733032.78	7.24E-04
1715	498117.62	3733042.43	7.48E-04
1716	498117.55	3733052.09	7.72E-04
1717	498117.48	3733061.74	7.98E-04
1718	498117.4	3733071.4	8.25E-04
1719	498117.33	3733081.05	8.53E-04
1720	498117.26	3733090.71	8.83E-04
1721	498117.18	3733100.36	9.13E-04
1722	498117.11	3733110.01	9.45E-04
1723	498117.04	3733119.67	9.77E-04
1724	498116.96	3733129.32	1.01E-03
1725	498116.89	3733138.98	1.05E-03
1726	498116.82	3733148.63	1.08E-03
1727	498116.74	3733158.29	1.12E-03
1728	498116.67	3733167.94	1.15E-03
1729	498116.6	3733177.6	1.19E-03
1730	498116.52	3733187.25	1.22E-03
1731	498116.45	3733196.9	1.26E-03
1732	498116.38	3733206.56	1.29E-03
1733	498116.3	3733216.21	1.33E-03
1734	498116.23	3733225.87	1.36E-03
1735	498116.16	3733235.52	1.40E-03
1736	498116.08	3733245.18	1.43E-03
1737	498116.01	3733254.83	1.46E-03
1738	498111.94	3733006.15	6.41E-04
1739	498120.15	3732991.65	6.39E-04
1740	498107.77	3733023.05	6.61E-04
1741	498107.7	3733032.7	6.81E-04
1742	498107.62	3733042.36	7.02E-04
1743	498107.55	3733052.01	7.24E-04
1744	498107.48	3733061.67	7.47E-04
1745	498107.4	3733071.32	7.70E-04
1746	498107.33	3733080.98	7.95E-04
1747	498107.26	3733090.63	8.20E-04
1748	498107.18	3733100.28	8.46E-04
1749	498107.11	3733109.94	8.73E-04
1750	498107.04	3733119.59	9.01E-04
1751	498106.96	3733129.25	9.30E-04
1752	498106.89	3733138.9	9.60E-04
1753	498106.82	3733148.56	9.90E-04
1754	498106.74	3733158.21	1.02E-03
1755	498106.67	3733167.87	1.05E-03
1756	498106.6	3733177.52	1.08E-03
1757	498106.52	3733187.17	1.12E-03
1758	498106.45	3733196.83	1.15E-03
1759	498106.38	3733206.48	1.18E-03
1760	498106.3	3733216.14	1.21E-03
1761	498106.23	3733225.79	1.24E-03
1762	498106.16	3733235.45	1.27E-03
1763	498106.08	3733245.1	1.30E-03
1764	498106.01	3733254.76	1.33E-03

1765	498102.03	3733005.92	6.08E-04
1766	498110.4	3732991.12	6.07E-04
1767	498097.77	3733022.97	6.25E-04
1768	498097.7	3733032.63	6.44E-04
1769	498097.62	3733042.28	6.62E-04
1770	498097.55	3733051.94	6.82E-04
1771	498097.48	3733061.59	7.02E-04
1772	498097.4	3733071.25	7.22E-04
1773	498097.33	3733080.9	7.44E-04
1774	498097.26	3733090.55	7.66E-04
1775	498097.18	3733100.21	7.88E-04
1776	498097.11	3733109.86	8.12E-04
1777	498097.04	3733119.52	8.37E-04
1778	498096.96	3733129.17	8.62E-04
1779	498096.89	3733138.83	8.88E-04
1780	498096.82	3733148.48	9.14E-04
1781	498096.74	3733158.14	9.41E-04
1782	498096.67	3733167.79	9.69E-04
1783	498096.6	3733177.44	9.96E-04
1784	498096.52	3733187.1	1.02E-03
1785	498096.45	3733196.75	1.05E-03
1786	498096.38	3733206.41	1.08E-03
1787	498096.3	3733216.06	1.11E-03
1788	498096.23	3733225.72	1.13E-03
1789	498096.16	3733235.37	1.16E-03
1790	498096.09	3733245.02	1.19E-03
1791	498096.01	3733254.68	1.22E-03
1792	498092.1	3733005.73	5.78E-04
1793	498100.6	3732990.69	5.77E-04
1794	498087.77	3733022.9	5.93E-04
1795	498087.7	3733032.55	6.10E-04
1796	498087.62	3733042.21	6.26E-04
1797	498087.55	3733051.86	6.44E-04
1798	498087.48	3733061.52	6.62E-04
1799	498087.4	3733071.17	6.80E-04
1800	498087.33	3733080.82	6.99E-04
1801	498087.26	3733090.48	7.18E-04
1802	498087.18	3733100.13	7.39E-04
1803	498087.11	3733109.79	7.60E-04
1804	498087.04	3733119.44	7.81E-04
1805	498086.96	3733129.1	8.03E-04
1806	498086.89	3733138.75	8.26E-04
1807	498086.82	3733148.41	8.49E-04
1808	498086.74	3733158.06	8.73E-04
1809	498086.67	3733167.71	8.97E-04
1810	498086.6	3733177.37	9.21E-04
1811	498086.52	3733187.02	9.46E-04
1812	498086.45	3733196.68	9.71E-04
1813	498086.38	3733206.33	9.96E-04
1814	498086.31	3733215.99	1.02E-03
1815	498086.23	3733225.64	1.05E-03
1816	498086.16	3733235.29	1.07E-03

1817	498086.09	3733244.95	1.09E-03
1818	498086.01	3733254.6	1.12E-03
1819	498082.15	3733005.56	5.50E-04
1820	498090.76	3732990.33	5.50E-04
1821	498077.77	3733022.82	5.64E-04
1822	498077.7	3733032.48	5.79E-04
1823	498077.62	3733042.13	5.94E-04
1824	498077.55	3733051.79	6.10E-04
1825	498077.48	3733061.44	6.26E-04
1826	498077.4	3733071.09	6.42E-04
1827	498077.33	3733080.75	6.59E-04
1828	498077.26	3733090.4	6.77E-04
1829	498077.18	3733100.06	6.95E-04
1830	498077.11	3733109.71	7.13E-04
1831	498077.04	3733119.37	7.32E-04
1832	498076.96	3733129.02	7.52E-04
1833	498076.89	3733138.67	7.72E-04
1834	498076.82	3733148.33	7.92E-04
1835	498076.74	3733157.98	8.13E-04
1836	498076.67	3733167.64	8.35E-04
1837	498076.6	3733177.29	8.56E-04
1838	498076.52	3733186.95	8.78E-04
1839	498076.45	3733196.6	9.00E-04
1840	498076.38	3733206.26	9.23E-04
1841	498076.31	3733215.91	9.45E-04
1842	498076.23	3733225.56	9.67E-04
1843	498076.16	3733235.22	9.90E-04
1844	498076.09	3733244.87	1.01E-03
1845	498076.01	3733254.53	1.03E-03
1846	498072.19	3733005.4	5.25E-04
1847	498080.89	3732990.03	5.25E-04
1848	498089.59	3732974.65	5.24E-04
1849	498067.77	3733022.75	5.38E-04
1850	498067.7	3733032.4	5.51E-04
1851	498067.62	3733042.06	5.65E-04
1852	498067.55	3733051.71	5.79E-04
1853	498067.48	3733061.36	5.93E-04
1854	498067.4	3733071.02	6.08E-04
1855	498067.33	3733080.67	6.23E-04
1856	498067.26	3733090.33	6.39E-04
1857	498067.18	3733099.98	6.55E-04
1858	498067.11	3733109.64	6.72E-04
1859	498067.04	3733119.29	6.89E-04
1860	498066.96	3733128.94	7.06E-04
1861	498066.89	3733138.6	7.24E-04
1862	498066.82	3733148.25	7.43E-04
1863	498066.74	3733157.91	7.61E-04
1864	498066.67	3733167.56	7.80E-04
1865	498066.6	3733177.22	8.00E-04
1866	498066.53	3733186.87	8.19E-04
1867	498066.45	3733196.53	8.39E-04
1868	498066.38	3733206.18	8.59E-04

1869	498066.31	3733215.83	8.79E-04
1870	498066.23	3733225.49	8.99E-04
1871	498066.16	3733235.14	9.19E-04
1872	498066.09	3733244.8	9.39E-04
1873	498066.01	3733254.45	9.59E-04
1874	498052.26	3733005.13	4.80E-04
1875	498056.68	3732997.33	4.81E-04
1876	498065.51	3732981.71	4.80E-04
1877	498074.34	3732966.1	4.80E-04
1878	498047.77	3733022.59	4.91E-04
1879	498047.7	3733032.25	5.02E-04
1880	498047.62	3733041.9	5.14E-04
1881	498047.55	3733051.56	5.25E-04
1882	498047.48	3733061.21	5.37E-04
1883	498047.4	3733070.87	5.50E-04
1884	498047.33	3733080.52	5.62E-04
1885	498047.26	3733090.18	5.75E-04
1886	498047.18	3733099.83	5.88E-04
1887	498047.11	3733109.48	6.02E-04
1888	498047.04	3733119.14	6.16E-04
1889	498046.97	3733128.79	6.30E-04
1890	498046.89	3733138.45	6.44E-04
1891	498046.82	3733148.1	6.59E-04
1892	498046.75	3733157.76	6.74E-04
1893	498046.67	3733167.41	6.89E-04
1894	498046.6	3733177.06	7.05E-04
1895	498046.53	3733186.72	7.21E-04
1896	498046.45	3733196.37	7.37E-04
1897	498046.38	3733206.03	7.53E-04
1898	498046.31	3733215.68	7.69E-04
1899	498046.23	3733225.34	7.86E-04
1900	498046.16	3733234.99	8.02E-04
1901	498046.09	3733244.65	8.19E-04
1902	498046.01	3733254.3	8.36E-04
1903	498032.31	3733004.9	4.42E-04
1904	498036.78	3732997	4.43E-04
1905	498041.24	3732989.11	4.43E-04
1906	498050.17	3732973.32	4.43E-04
1907	498059.11	3732957.54	4.42E-04
1908	498027.77	3733022.44	4.51E-04
1909	498027.7	3733032.1	4.61E-04
1910	498027.62	3733041.75	4.70E-04
1911	498027.55	3733051.41	4.80E-04
1912	498027.48	3733061.06	4.90E-04
1913	498027.4	3733070.71	5.01E-04
1914	498027.33	3733080.37	5.11E-04
1915	498027.26	3733090.02	5.22E-04
1916	498027.19	3733099.68	5.33E-04
1917	498027.11	3733109.33	5.44E-04
1918	498027.04	3733118.99	5.56E-04
1919	498026.97	3733128.64	5.67E-04
1920	498026.89	3733138.3	5.79E-04

1921	498026.82	3733147.95	5.92E-04
1922	498026.75	3733157.6	6.04E-04
1923	498026.67	3733167.26	6.17E-04
1924	498026.6	3733176.91	6.30E-04
1925	498026.53	3733186.57	6.43E-04
1926	498026.45	3733196.22	6.56E-04
1927	498026.38	3733205.88	6.69E-04
1928	498026.31	3733215.53	6.82E-04
1929	498026.23	3733225.19	6.96E-04
1930	498026.16	3733234.84	7.10E-04
1931	498026.09	3733244.49	7.24E-04
1932	498026.01	3733254.15	7.38E-04
1933	498012.35	3733004.68	4.10E-04
1934	498016.85	3732996.72	4.10E-04
1935	498021.36	3732988.76	4.10E-04
1936	498025.86	3732980.8	4.10E-04
1937	498030.36	3732972.84	4.10E-04
1938	498039.37	3732956.92	4.10E-04
1939	498007.84	3733012.64	4.09E-04
1940	498007.77	3733022.29	4.17E-04
1941	498007.7	3733031.95	4.25E-04
1942	498007.62	3733041.6	4.33E-04
1943	498007.55	3733051.25	4.42E-04
1944	498007.48	3733060.91	4.50E-04
1945	498007.41	3733070.56	4.59E-04
1946	498007.33	3733080.22	4.68E-04
1947	498007.26	3733089.87	4.77E-04
1948	498007.19	3733099.53	4.87E-04
1949	498007.11	3733109.18	4.96E-04
1950	498007.04	3733118.84	5.06E-04
1951	498006.97	3733128.49	5.15E-04
1952	498006.89	3733138.14	5.26E-04
1953	498006.82	3733147.8	5.36E-04
1954	498006.75	3733157.45	5.46E-04
1955	498006.67	3733167.11	5.57E-04
1956	498006.6	3733176.76	5.67E-04
1957	498006.53	3733186.42	5.78E-04
1958	498006.45	3733196.07	5.89E-04
1959	498006.38	3733205.72	6.00E-04
1960	498006.31	3733215.38	6.12E-04
1961	498006.23	3733225.03	6.23E-04
1962	498006.16	3733234.69	6.35E-04
1963	498006.09	3733244.34	6.46E-04
1964	498006.01	3733254	6.58E-04
1965	497992.38	3733004.47	3.81E-04
1966	497996.91	3732996.46	3.81E-04
1967	498001.44	3732988.45	3.81E-04
1968	498005.98	3732980.44	3.81E-04
1969	498010.51	3732972.43	3.81E-04
1970	498015.04	3732964.41	3.81E-04
1971	498019.58	3732956.4	3.81E-04
1972	497987.85	3733012.49	3.80E-04

1973	497987.77	3733022.14	3.87E-04
1974	497987.7	3733031.79	3.94E-04
1975	497987.63	3733041.45	4.01E-04
1976	497987.55	3733051.1	4.09E-04
1977	497987.48	3733060.76	4.16E-04
1978	497987.41	3733070.41	4.24E-04
1979	497987.33	3733080.07	4.31E-04
1980	497987.26	3733089.72	4.39E-04
1981	497987.19	3733099.37	4.47E-04
1982	497987.11	3733109.03	4.55E-04
1983	497987.04	3733118.68	4.63E-04
1984	497986.97	3733128.34	4.72E-04
1985	497986.89	3733137.99	4.80E-04
1986	497986.82	3733147.65	4.89E-04
1987	497986.75	3733157.3	4.98E-04
1988	497986.67	3733166.96	5.07E-04
1989	497986.6	3733176.61	5.16E-04
1990	497986.53	3733186.26	5.25E-04
1991	497986.45	3733195.92	5.34E-04
1992	497986.38	3733205.57	5.44E-04
1993	497986.31	3733215.23	5.53E-04
1994	497986.23	3733224.88	5.63E-04
1995	497986.16	3733234.54	5.72E-04
1996	497986.09	3733244.19	5.82E-04
1997	497986.02	3733253.85	5.92E-04
1998	497972.4	3733004.28	3.55E-04
1999	497976.96	3732996.23	3.55E-04
2000	497981.52	3732988.17	3.56E-04
2001	497986.07	3732980.12	3.56E-04
2002	497990.63	3732972.06	3.56E-04
2003	497995.19	3732964.01	3.56E-04
2004	497999.75	3732955.95	3.56E-04
2005	497967.85	3733012.33	3.55E-04
2006	497967.77	3733021.99	3.61E-04
2007	497967.7	3733031.64	3.67E-04
2008	497967.63	3733041.3	3.73E-04
2009	497967.55	3733050.95	3.79E-04
2010	497967.48	3733060.61	3.86E-04
2011	497967.41	3733070.26	3.93E-04
2012	497967.33	3733079.91	3.99E-04
2013	497967.26	3733089.57	4.06E-04
2014	497967.19	3733099.22	4.13E-04
2015	497967.11	3733108.88	4.20E-04
2016	497967.04	3733118.53	4.27E-04
2017	497966.97	3733128.19	4.34E-04
2018	497966.89	3733137.84	4.41E-04
2019	497966.82	3733147.5	4.49E-04
2020	497966.75	3733157.15	4.57E-04
2021	497966.67	3733166.8	4.64E-04
2022	497966.6	3733176.46	4.72E-04
2023	497966.53	3733186.11	4.80E-04
2024	497966.45	3733195.77	4.88E-04

2025	497966.38	3733205.42	4.96E-04
2026	497966.31	3733215.08	5.04E-04
2027	497966.24	3733224.73	5.12E-04
2028	497966.16	3733234.38	5.20E-04
2029	497966.09	3733244.04	5.29E-04
2030	497966.02	3733253.69	5.37E-04
2031	497952.42	3733004.09	3.32E-04
2032	497957	3732996	3.33E-04
2033	497961.58	3732987.91	3.33E-04
2034	497966.15	3732979.83	3.33E-04
2035	497970.73	3732971.74	3.33E-04
2036	497975.31	3732963.65	3.33E-04
2037	497979.88	3732955.56	3.34E-04
2038	497947.85	3733012.18	3.32E-04
2039	497947.77	3733021.84	3.37E-04
2040	497947.7	3733031.49	3.43E-04
2041	497947.63	3733041.15	3.48E-04
2042	497947.55	3733050.8	3.54E-04
2043	497947.48	3733060.45	3.60E-04
2044	497947.41	3733070.11	3.65E-04
2045	497947.33	3733079.76	3.71E-04
2046	497947.26	3733089.42	3.77E-04
2047	497947.19	3733099.07	3.83E-04
2048	497947.11	3733108.73	3.89E-04
2049	497947.04	3733118.38	3.95E-04
2050	497946.97	3733128.03	4.02E-04
2051	497946.89	3733137.69	4.08E-04
2052	497946.82	3733147.34	4.15E-04
2053	497946.75	3733157	4.21E-04
2054	497946.68	3733166.65	4.28E-04
2055	497946.6	3733176.31	4.35E-04
2056	497946.53	3733185.96	4.41E-04
2057	497946.46	3733195.62	4.48E-04
2058	497946.38	3733205.27	4.55E-04
2059	497946.31	3733214.92	4.62E-04
2060	497946.24	3733224.58	4.69E-04
2061	497946.16	3733234.23	4.76E-04
2062	497946.09	3733243.89	4.83E-04
2063	497946.02	3733253.54	4.91E-04
2064	497932.44	3733003.91	3.12E-04
2065	497937.03	3732995.79	3.12E-04
2066	497941.63	3732987.67	3.13E-04
2067	497946.22	3732979.56	3.13E-04
2068	497950.81	3732971.44	3.13E-04
2069	497955.41	3732963.32	3.13E-04
2070	497960	3732955.2	3.13E-04
2071	497927.85	3733012.03	3.12E-04
2072	497927.77	3733021.68	3.17E-04
2073	497927.7	3733031.34	3.21E-04
2074	497927.63	3733040.99	3.26E-04
2075	497927.55	3733050.65	3.31E-04
2076	497927.48	3733060.3	3.36E-04

2077	497927.41	3733069.96	3.41E-04
2078	497927.33	3733079.61	3.46E-04
2079	497927.26	3733089.27	3.52E-04
2080	497927.19	3733098.92	3.57E-04
2081	497927.11	3733108.57	3.62E-04
2082	497927.04	3733118.23	3.68E-04
2083	497926.97	3733127.88	3.73E-04
2084	497926.9	3733137.54	3.79E-04
2085	497926.82	3733147.19	3.84E-04
2086	497926.75	3733156.85	3.90E-04
2087	497926.68	3733166.5	3.96E-04
2088	497926.6	3733176.16	4.02E-04
2089	497926.53	3733185.81	4.08E-04
2090	497926.46	3733195.46	4.14E-04
2091	497926.38	3733205.12	4.20E-04
2092	497926.31	3733214.77	4.26E-04
2093	497926.24	3733224.43	4.32E-04
2094	497926.16	3733234.08	4.38E-04
2095	497926.09	3733243.74	4.45E-04
2096	497926.02	3733253.39	4.51E-04
2097	497912.46	3733003.74	2.94E-04
2098	497917.06	3732995.59	2.94E-04
2099	497921.67	3732987.45	2.95E-04
2100	497926.28	3732979.3	2.95E-04
2101	497930.89	3732971.16	2.95E-04
2102	497935.49	3732963.02	2.95E-04
2103	497940.1	3732954.87	2.95E-04
2104	497907.85	3733011.88	2.94E-04
2105	497907.77	3733021.53	2.98E-04
2106	497907.7	3733031.19	3.02E-04
2107	497907.63	3733040.84	3.06E-04
2108	497907.55	3733050.5	3.11E-04
2109	497907.48	3733060.15	3.15E-04
2110	497907.41	3733069.81	3.20E-04
2111	497907.34	3733079.46	3.24E-04
2112	497907.26	3733089.11	3.29E-04
2113	497907.19	3733098.77	3.34E-04
2114	497907.12	3733108.42	3.38E-04
2115	497907.04	3733118.08	3.43E-04
2116	497906.97	3733127.73	3.48E-04
2117	497906.9	3733137.39	3.53E-04
2118	497906.82	3733147.04	3.58E-04
2119	497906.75	3733156.69	3.63E-04
2120	497906.68	3733166.35	3.68E-04
2121	497906.6	3733176	3.73E-04
2122	497906.53	3733185.66	3.78E-04
2123	497906.46	3733195.31	3.84E-04
2124	497906.38	3733204.97	3.89E-04
2125	497906.31	3733214.62	3.94E-04
2126	497906.24	3733224.28	4.00E-04
2127	497906.16	3733233.93	4.05E-04
2128	497906.09	3733243.58	4.11E-04

2129	497906.02	3733253.24	4.16E-04
2130	497892.47	3733003.56	2.77E-04
2131	497897.09	3732995.4	2.78E-04
2132	497901.71	3732987.23	2.78E-04
2133	497906.33	3732979.07	2.78E-04
2134	497910.95	3732970.9	2.79E-04
2135	497915.57	3732962.74	2.79E-04
2136	497920.19	3732954.57	2.79E-04
2137	497887.85	3733011.73	2.77E-04
2138	497887.77	3733021.38	2.81E-04
2139	497887.7	3733031.04	2.85E-04
2140	497887.63	3733040.69	2.89E-04
2141	497887.56	3733050.34	2.93E-04
2142	497887.48	3733060	2.96E-04
2143	497887.41	3733069.65	3.00E-04
2144	497887.34	3733079.31	3.05E-04
2145	497887.26	3733088.96	3.09E-04
2146	497887.19	3733098.62	3.13E-04
2147	497887.12	3733108.27	3.17E-04
2148	497887.04	3733117.93	3.22E-04
2149	497886.97	3733127.58	3.26E-04
2150	497886.9	3733137.23	3.30E-04
2151	497886.82	3733146.89	3.35E-04
2152	497886.75	3733156.54	3.39E-04
2153	497886.68	3733166.2	3.43E-04
2154	497886.6	3733175.85	3.48E-04
2155	497886.53	3733185.51	3.53E-04
2156	497886.46	3733195.16	3.57E-04
2157	497886.38	3733204.82	3.62E-04
2158	497886.31	3733214.47	3.67E-04
2159	497886.24	3733224.12	3.71E-04
2160	497886.16	3733233.78	3.76E-04
2161	497886.09	3733243.43	3.81E-04
2162	497886.02	3733253.09	3.86E-04
2163	497872.48	3733003.39	2.62E-04
2164	497877.11	3732995.21	2.63E-04
2165	497881.74	3732987.02	2.63E-04
2166	497886.37	3732978.84	2.63E-04
2167	497891	3732970.66	2.64E-04
2168	497895.63	3732962.47	2.64E-04
2169	497900.26	3732954.29	2.64E-04
2170	497867.85	3733011.58	2.62E-04
2171	497867.78	3733021.23	2.65E-04
2172	497867.7	3733030.88	2.69E-04
2173	497867.63	3733040.54	2.72E-04
2174	497867.56	3733050.19	2.76E-04
2175	497867.48	3733059.85	2.80E-04
2176	497867.41	3733069.5	2.83E-04
2177	497867.34	3733079.16	2.87E-04
2178	497867.26	3733088.81	2.91E-04
2179	497867.19	3733098.47	2.94E-04
2180	497867.12	3733108.12	2.98E-04

2181	497867.04	3733117.77	3.02E-04
2182	497866.97	3733127.43	3.06E-04
2183	497866.9	3733137.08	3.10E-04
2184	497866.82	3733146.74	3.14E-04
2185	497866.75	3733156.39	3.18E-04
2186	497866.68	3733166.05	3.22E-04
2187	497866.6	3733175.7	3.26E-04
2188	497866.53	3733185.35	3.30E-04
2189	497866.46	3733195.01	3.34E-04
2190	497866.38	3733204.66	3.38E-04
2191	497866.31	3733214.32	3.42E-04
2192	497866.24	3733223.97	3.46E-04
2193	497866.17	3733233.63	3.46E-04
2194	497866.09	3733243.28	3.49E-04
2195	497866.02	3733252.94	3.54E-04
2196	497835.1	3733002.9	2.38E-04
2197	497839.85	3732994.5	2.38E-04
2198	497844.6	3732986.11	2.38E-04
2199	497849.35	3732977.71	2.39E-04
2200	497854.1	3732969.32	2.39E-04
2201	497858.85	3732960.92	2.39E-04
2202	497863.6	3732952.53	2.39E-04
2203	497830.35	3733011.29	2.37E-04
2204	497830.28	3733020.95	2.40E-04
2205	497830.2	3733030.6	2.43E-04
2206	497830.13	3733040.25	2.46E-04
2207	497830.06	3733049.91	2.49E-04
2208	497829.98	3733059.56	2.52E-04
2209	497829.91	3733069.22	2.55E-04
2210	497829.84	3733078.87	2.58E-04
2211	497829.76	3733088.53	2.61E-04
2212	497829.69	3733098.18	2.64E-04
2213	497829.62	3733107.84	2.67E-04
2214	497829.54	3733117.49	2.70E-04
2215	497829.47	3733127.14	2.74E-04
2216	497829.4	3733136.8	2.77E-04
2217	497829.32	3733146.45	2.80E-04
2218	497829.25	3733156.11	2.83E-04
2219	497829.18	3733165.76	2.87E-04
2220	497829.11	3733175.42	2.90E-04
2221	497829.03	3733185.07	2.93E-04
2222	497828.96	3733194.72	2.97E-04
2223	497828.89	3733204.38	3.00E-04
2224	497828.81	3733214.03	3.04E-04
2225	497828.74	3733223.69	3.07E-04
2226	497828.67	3733233.34	3.07E-04
2227	497828.59	3733243	3.08E-04
2228	497828.52	3733252.65	3.11E-04
2229	497797.57	3733002.66	2.17E-04
2230	497802.29	3732994.32	2.17E-04
2231	497807.02	3732985.97	2.17E-04
2232	497811.74	3732977.62	2.18E-04

2233	497816.46	3732969.28	2.18E-04
2234	497821.18	3732960.93	2.18E-04
2235	497825.9	3732952.59	2.18E-04
2236	497792.85	3733011.01	2.16E-04
2237	497792.78	3733020.66	2.19E-04
2238	497792.7	3733030.32	2.21E-04
2239	497792.63	3733039.97	2.24E-04
2240	497792.56	3733049.62	2.26E-04
2241	497792.48	3733059.28	2.29E-04
2242	497792.41	3733068.93	2.31E-04
2243	497792.34	3733078.59	2.34E-04
2244	497792.27	3733088.24	2.36E-04
2245	497792.19	3733097.9	2.39E-04
2246	497792.12	3733107.55	2.41E-04
2247	497792.05	3733117.21	2.44E-04
2248	497791.97	3733126.86	2.47E-04
2249	497791.9	3733136.51	2.49E-04
2250	497791.83	3733146.17	2.52E-04
2251	497791.75	3733155.82	2.55E-04
2252	497791.68	3733165.48	2.58E-04
2253	497791.61	3733175.13	2.60E-04
2254	497791.53	3733184.79	2.63E-04
2255	497791.46	3733194.44	2.66E-04
2256	497791.39	3733204.09	2.69E-04
2257	497791.31	3733213.75	2.72E-04
2258	497791.24	3733223.4	2.74E-04
2259	497791.17	3733233.06	2.77E-04
2260	497791.09	3733242.71	2.80E-04
2261	497791.02	3733252.37	2.80E-04
2262	497760.05	3733002.42	1.99E-04
2263	497764.75	3732994.11	1.99E-04
2264	497769.45	3732985.81	1.99E-04
2265	497774.15	3732977.5	2.00E-04
2266	497778.85	3732969.19	2.00E-04
2267	497783.55	3732960.89	2.00E-04
2268	497788.25	3732952.58	2.00E-04
2269	497755.35	3733010.72	1.99E-04
2270	497755.28	3733020.38	2.01E-04
2271	497755.21	3733030.03	2.03E-04
2272	497755.13	3733039.69	2.05E-04
2273	497755.06	3733049.34	2.07E-04
2274	497754.99	3733058.99	2.09E-04
2275	497754.91	3733068.65	2.11E-04
2276	497754.84	3733078.3	2.13E-04
2277	497754.77	3733087.96	2.15E-04
2278	497754.69	3733097.61	2.18E-04
2279	497754.62	3733107.27	2.20E-04
2280	497754.55	3733116.92	2.22E-04
2281	497754.47	3733126.58	2.24E-04
2282	497754.4	3733136.23	2.26E-04
2283	497754.33	3733145.88	2.29E-04
2284	497754.25	3733155.54	2.31E-04

2285	497754.18	3733165.19	2.33E-04
2286	497754.11	3733174.85	2.36E-04
2287	497754.03	3733184.5	2.38E-04
2288	497753.96	3733194.16	2.40E-04
2289	497753.89	3733203.81	2.43E-04
2290	497753.81	3733213.46	2.45E-04
2291	497753.74	3733223.12	2.48E-04
2292	497753.67	3733232.77	2.50E-04
2293	497753.6	3733242.43	2.52E-04
2294	497753.52	3733252.08	2.55E-04
2295	497722.53	3733002.17	1.83E-04
2296	497727.21	3732993.89	1.83E-04
2297	497731.9	3732985.62	1.84E-04
2298	497736.58	3732977.35	1.84E-04
2299	497741.26	3732969.07	1.84E-04
2300	497745.94	3732960.8	1.84E-04
2301	497750.62	3732952.53	1.85E-04
2302	497717.85	3733010.44	1.83E-04
2303	497717.78	3733020.09	1.85E-04
2304	497717.71	3733029.75	1.86E-04
2305	497717.63	3733039.4	1.88E-04
2306	497717.56	3733049.06	1.90E-04
2307	497717.49	3733058.71	1.92E-04
2308	497717.41	3733068.36	1.94E-04
2309	497717.34	3733078.02	1.95E-04
2310	497717.27	3733087.67	1.97E-04
2311	497717.19	3733097.33	1.99E-04
2312	497717.12	3733106.98	2.01E-04
2313	497717.05	3733116.64	2.03E-04
2314	497716.97	3733126.29	2.05E-04
2315	497716.9	3733135.95	2.07E-04
2316	497716.83	3733145.6	2.09E-04
2317	497716.75	3733155.25	2.11E-04
2318	497716.68	3733164.91	2.13E-04
2319	497716.61	3733174.56	2.15E-04
2320	497716.54	3733184.22	2.17E-04
2321	497716.46	3733193.87	2.19E-04
2322	497716.39	3733203.53	2.21E-04
2323	497716.32	3733213.18	2.23E-04
2324	497716.24	3733222.83	2.25E-04
2325	497716.17	3733232.49	2.27E-04
2326	497716.1	3733242.14	2.29E-04
2327	497716.02	3733251.8	2.31E-04
2328	497685.02	3733001.91	1.69E-04
2329	497689.68	3732993.66	1.70E-04
2330	497694.35	3732985.42	1.70E-04
2331	497699.02	3732977.17	1.70E-04
2332	497703.68	3732968.93	1.70E-04
2333	497708.35	3732960.68	1.71E-04
2334	497713.01	3732952.44	1.71E-04
2335	497680.35	3733010.15	1.69E-04
2336	497680.28	3733019.81	1.71E-04

2337	497680.21	3733029.46	1.72E-04
2338	497680.13	3733039.12	1.74E-04
2339	497680.06	3733048.77	1.75E-04
2340	497679.99	3733058.43	1.77E-04
2341	497679.91	3733068.08	1.78E-04
2342	497679.84	3733077.73	1.80E-04
2343	497679.77	3733087.39	1.82E-04
2344	497679.7	3733097.04	1.83E-04
2345	497679.62	3733106.7	1.85E-04
2346	497679.55	3733116.35	1.87E-04
2347	497679.48	3733126.01	1.88E-04
2348	497679.4	3733135.66	1.90E-04
2349	497679.33	3733145.32	1.92E-04
2350	497679.26	3733154.97	1.93E-04
2351	497679.18	3733164.62	1.95E-04
2352	497679.11	3733174.28	1.97E-04
2353	497679.04	3733183.93	1.99E-04
2354	497678.96	3733193.59	2.00E-04
2355	497678.89	3733203.24	2.02E-04
2356	497678.82	3733212.9	2.04E-04
2357	497678.74	3733222.55	2.05E-04
2358	497678.67	3733232.21	2.07E-04
2359	497678.6	3733241.86	2.09E-04
2360	497678.52	3733251.51	2.11E-04
2361	497647.59	3733001.49	1.57E-04
2362	497652.33	3732993.12	1.58E-04
2363	497657.07	3732984.74	1.58E-04
2364	497661.81	3732976.36	1.58E-04
2365	497666.55	3732967.98	1.58E-04
2366	497671.29	3732959.61	1.58E-04
2367	497676.03	3732951.23	1.59E-04
2368	497642.86	3733009.87	1.57E-04
2369	497642.78	3733019.52	1.58E-04
2370	497642.71	3733029.18	1.60E-04
2371	497642.64	3733038.83	1.61E-04
2372	497642.56	3733048.49	1.63E-04
2373	497642.49	3733058.14	1.64E-04
2374	497642.42	3733067.8	1.65E-04
2375	497642.34	3733077.45	1.67E-04
2376	497642.27	3733087.1	1.68E-04
2377	497642.2	3733096.76	1.69E-04
2378	497642.12	3733106.41	1.71E-04
2379	497642.05	3733116.07	1.72E-04
2380	497641.98	3733125.72	1.74E-04
2381	497641.9	3733135.38	1.75E-04
2382	497641.83	3733145.03	1.77E-04
2383	497641.76	3733154.69	1.78E-04
2384	497641.68	3733164.34	1.80E-04
2385	497641.61	3733173.99	1.81E-04
2386	497641.54	3733183.65	1.83E-04
2387	497641.46	3733193.3	1.84E-04
2388	497641.39	3733202.96	1.86E-04

2389	497641.32	3733212.61	1.87E-04
2390	497641.24	3733222.27	1.89E-04
2391	497641.17	3733231.92	1.90E-04
2392	497641.1	3733241.58	1.92E-04
2393	497641.03	3733251.23	1.93E-04
2394	497610.08	3733001.24	1.47E-04
2395	497614.8	3732992.89	1.47E-04
2396	497619.52	3732984.55	1.47E-04
2397	497624.24	3732976.2	1.47E-04
2398	497628.97	3732967.86	1.47E-04
2399	497633.69	3732959.51	1.48E-04
2400	497638.41	3732951.17	1.48E-04
2401	497605.36	3733009.59	1.46E-04
2402	497605.28	3733019.24	1.48E-04
2403	497605.21	3733028.89	1.49E-04
2404	497605.14	3733038.55	1.50E-04
2405	497605.06	3733048.2	1.51E-04
2406	497604.99	3733057.86	1.52E-04
2407	497604.92	3733067.51	1.54E-04
2408	497604.84	3733077.17	1.55E-04
2409	497604.77	3733086.82	1.56E-04
2410	497604.7	3733096.47	1.57E-04
2411	497604.62	3733106.13	1.59E-04
2412	497604.55	3733115.78	1.60E-04
2413	497604.48	3733125.44	1.61E-04
2414	497604.4	3733135.09	1.62E-04
2415	497604.33	3733144.75	1.64E-04
2416	497604.26	3733154.4	1.65E-04
2417	497604.18	3733164.06	1.66E-04
2418	497604.11	3733173.71	1.67E-04
2419	497604.04	3733183.36	1.69E-04
2420	497603.97	3733193.02	1.70E-04
2421	497603.89	3733202.67	1.71E-04
2422	497603.82	3733212.33	1.73E-04
2423	497603.75	3733221.98	1.74E-04
2424	497603.67	3733231.64	1.75E-04
2425	497603.6	3733241.29	1.77E-04
2426	497603.53	3733250.95	1.78E-04
2427	497572.56	3733000.98	1.37E-04
2428	497577.27	3732992.66	1.37E-04
2429	497581.98	3732984.35	1.37E-04
2430	497586.68	3732976.03	1.38E-04
2431	497591.39	3732967.71	1.38E-04
2432	497596.1	3732959.39	1.38E-04
2433	497600.8	3732951.07	1.38E-04
2434	497567.86	3733009.3	1.37E-04
2435	497567.78	3733018.96	1.38E-04
2436	497567.71	3733028.61	1.39E-04
2437	497567.64	3733038.26	1.40E-04
2438	497567.56	3733047.92	1.41E-04
2439	497567.49	3733057.57	1.42E-04
2440	497567.42	3733067.23	1.43E-04

2441	497567.34	3733076.88	1.44E-04
2442	497567.27	3733086.54	1.45E-04
2443	497567.2	3733096.19	1.47E-04
2444	497567.13	3733105.84	1.48E-04
2445	497567.05	3733115.5	1.49E-04
2446	497566.98	3733125.15	1.50E-04
2447	497566.91	3733134.81	1.51E-04
2448	497566.83	3733144.46	1.52E-04
2449	497566.76	3733154.12	1.53E-04
2450	497566.69	3733163.77	1.54E-04
2451	497566.61	3733173.43	1.56E-04
2452	497566.54	3733183.08	1.57E-04
2453	497566.47	3733192.73	1.58E-04
2454	497566.39	3733202.39	1.59E-04
2455	497566.32	3733212.04	1.60E-04
2456	497566.25	3733221.7	1.61E-04
2457	497566.17	3733231.35	1.63E-04
2458	497566.1	3733241.01	1.64E-04
2459	497566.03	3733250.66	1.65E-04
2460	497515.41	3733000.57	1.24E-04
2461	497520.1	3732992.28	1.24E-04
2462	497524.8	3732983.98	1.25E-04
2463	497529.49	3732975.69	1.25E-04
2464	497534.18	3732967.39	1.25E-04
2465	497538.87	3732959.1	1.25E-04
2466	497543.57	3732950.81	1.25E-04
2467	497510.72	3733008.87	1.24E-04
2468	497510.64	3733018.52	1.25E-04
2469	497510.57	3733028.18	1.26E-04
2470	497510.5	3733037.83	1.27E-04
2471	497510.42	3733047.49	1.28E-04
2472	497510.35	3733057.14	1.29E-04
2473	497510.28	3733066.79	1.29E-04
2474	497510.2	3733076.45	1.30E-04
2475	497510.13	3733086.1	1.31E-04
2476	497510.06	3733095.76	1.32E-04
2477	497509.98	3733105.41	1.33E-04
2478	497509.91	3733115.07	1.34E-04
2479	497509.84	3733124.72	1.35E-04
2480	497509.76	3733134.37	1.36E-04
2481	497509.69	3733144.03	1.37E-04
2482	497509.62	3733153.68	1.38E-04
2483	497509.54	3733163.34	1.39E-04
2484	497509.47	3733172.99	1.40E-04
2485	497509.4	3733182.65	1.41E-04
2486	497509.33	3733192.3	1.42E-04
2487	497509.25	3733201.96	1.43E-04
2488	497509.18	3733211.61	1.44E-04
2489	497509.11	3733221.26	1.45E-04
2490	497509.03	3733230.92	1.46E-04
2491	497508.96	3733240.57	1.47E-04
2492	497508.89	3733250.23	1.48E-04

2493	497458.32	3733000.04	1.13E-04
2494	497463.07	3732991.65	1.14E-04
2495	497467.82	3732983.27	1.14E-04
2496	497472.56	3732974.88	1.14E-04
2497	497477.31	3732966.49	1.14E-04
2498	497482.06	3732958.1	1.14E-04
2499	497486.8	3732949.71	1.14E-04
2500	497453.57	3733008.43	1.13E-04
2501	497453.5	3733018.09	1.14E-04
2502	497453.43	3733027.74	1.15E-04
2503	497453.36	3733037.4	1.16E-04
2504	497453.28	3733047.05	1.16E-04
2505	497453.21	3733056.71	1.17E-04
2506	497453.14	3733066.36	1.18E-04
2507	497453.06	3733076.02	1.19E-04
2508	497452.99	3733085.67	1.19E-04
2509	497452.92	3733095.32	1.20E-04
2510	497452.84	3733104.98	1.21E-04
2511	497452.77	3733114.63	1.22E-04
2512	497452.7	3733124.29	1.23E-04
2513	497452.62	3733133.94	1.23E-04
2514	497452.55	3733143.6	1.24E-04
2515	497452.48	3733153.25	1.25E-04
2516	497452.4	3733162.9	1.26E-04
2517	497452.33	3733172.56	1.27E-04
2518	497452.26	3733182.21	1.27E-04
2519	497452.18	3733191.87	1.28E-04
2520	497452.11	3733201.52	1.29E-04
2521	497452.04	3733211.18	1.30E-04
2522	497451.96	3733220.83	1.31E-04
2523	497451.89	3733230.49	1.32E-04
2524	497451.82	3733240.14	1.33E-04
2525	497451.74	3733249.79	1.33E-04
2526	497401.17	3732999.64	1.04E-04
2527	497405.9	3732991.27	1.04E-04
2528	497410.63	3732982.91	1.04E-04
2529	497415.36	3732974.55	1.04E-04
2530	497420.1	3732966.18	1.05E-04
2531	497424.83	3732957.82	1.05E-04
2532	497429.56	3732949.45	1.05E-04
2533	497396.43	3733008	1.04E-04
2534	497396.36	3733017.66	1.05E-04
2535	497396.29	3733027.31	1.05E-04
2536	497396.21	3733036.96	1.06E-04
2537	497396.14	3733046.62	1.07E-04
2538	497396.07	3733056.27	1.07E-04
2539	497395.99	3733065.93	1.08E-04
2540	497395.92	3733075.58	1.09E-04
2541	497395.85	3733085.24	1.09E-04
2542	497395.77	3733094.89	1.10E-04
2543	497395.7	3733104.55	1.11E-04
2544	497395.63	3733114.2	1.11E-04

2545	497395.56	3733123.85	1.12E-04
2546	497395.48	3733133.51	1.13E-04
2547	497395.41	3733143.16	1.13E-04
2548	497395.34	3733152.82	1.14E-04
2549	497395.26	3733162.47	1.15E-04
2550	497395.19	3733172.13	1.15E-04
2551	497395.12	3733181.78	1.16E-04
2552	497395.04	3733191.43	1.17E-04
2553	497394.97	3733201.09	1.18E-04
2554	497394.9	3733210.74	1.18E-04
2555	497394.82	3733220.4	1.19E-04
2556	497394.75	3733230.05	1.20E-04
2557	497394.68	3733239.71	1.20E-04
2558	497394.6	3733249.36	1.21E-04
2559	497362.89	3732965.86	9.64E-05
2560	497367.61	3732957.52	9.65E-05
2561	497372.33	3732949.18	9.66E-05
2562	498156.01	3733265.1	2.36E-03
2563	498156.01	3733274.99	2.40E-03
2564	498156.01	3733284.88	2.45E-03
2565	498156.01	3733294.77	2.49E-03
2566	498156.01	3733304.65	2.53E-03
2567	498156.01	3733314.54	2.57E-03
2568	498156.01	3733324.43	2.60E-03
2569	498156.01	3733334.32	2.64E-03
2570	498156.01	3733344.21	2.67E-03
2571	498156.01	3733354.1	2.71E-03
2572	498156.01	3733363.99	2.74E-03
2573	498156.01	3733373.88	2.76E-03
2574	498156.01	3733383.76	2.79E-03
2575	498156.01	3733393.65	2.81E-03
2576	498156.01	3733403.54	2.84E-03
2577	498156.01	3733413.43	2.86E-03
2578	498156.01	3733423.32	2.88E-03
2579	498156.01	3733433.21	2.90E-03
2580	498156.01	3733443.1	2.92E-03
2581	498156.01	3733452.99	2.94E-03
2582	498156.01	3733462.87	2.96E-03
2583	498156.01	3733472.76	2.97E-03
2584	498156.01	3733482.65	2.99E-03
2585	498156.01	3733492.54	3.00E-03
2586	498156.01	3733502.43	3.01E-03
2587	498156.01	3733512.32	3.02E-03
2588	498156.01	3733522.21	3.03E-03
2589	498156.01	3733532.1	3.03E-03
2590	498156.01	3733541.98	3.04E-03
2591	498156.01	3733551.87	3.04E-03
2592	498156.01	3733561.76	3.04E-03
2593	498156.01	3733571.65	3.04E-03
2594	498146.01	3733265.1	2.07E-03
2595	498146.01	3733274.99	2.12E-03
2596	498146.01	3733284.88	2.16E-03

2597	498146.01	3733294.77	2.19E-03
2598	498146.01	3733304.65	2.23E-03
2599	498146.01	3733314.54	2.27E-03
2600	498146.01	3733324.43	2.30E-03
2601	498146.01	3733334.32	2.34E-03
2602	498146.01	3733344.21	2.37E-03
2603	498146.01	3733354.1	2.40E-03
2604	498146.01	3733363.99	2.43E-03
2605	498146.01	3733373.88	2.45E-03
2606	498146.01	3733383.76	2.48E-03
2607	498146.01	3733393.65	2.51E-03
2608	498146.01	3733403.54	2.53E-03
2609	498146.01	3733413.43	2.55E-03
2610	498146.01	3733423.32	2.57E-03
2611	498146.01	3733433.21	2.59E-03
2612	498146.01	3733443.1	2.61E-03
2613	498146.01	3733452.99	2.63E-03
2614	498146.01	3733462.87	2.65E-03
2615	498146.01	3733472.76	2.66E-03
2616	498146.01	3733482.65	2.68E-03
2617	498146.01	3733492.54	2.69E-03
2618	498146.01	3733502.43	2.70E-03
2619	498146.01	3733512.32	2.71E-03
2620	498146.01	3733522.21	2.72E-03
2621	498146.01	3733532.1	2.72E-03
2622	498146.01	3733541.98	2.73E-03
2623	498146.01	3733551.87	2.73E-03
2624	498146.01	3733561.76	2.73E-03
2625	498146.01	3733571.65	2.73E-03
2626	498136.01	3733265.1	1.84E-03
2627	498136.01	3733274.99	1.88E-03
2628	498136.01	3733284.88	1.92E-03
2629	498136.01	3733294.77	1.95E-03
2630	498136.01	3733304.65	1.99E-03
2631	498136.01	3733314.54	2.02E-03
2632	498136.01	3733324.43	2.06E-03
2633	498136.01	3733334.32	2.09E-03
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2635	498136.01	3733354.1	2.15E-03
2636	498136.01	3733363.99	2.17E-03
2637	498136.01	3733373.88	2.20E-03
2638	498136.01	3733383.76	2.23E-03
2639	498136.01	3733393.65	2.25E-03
2640	498136.01	3733403.54	2.27E-03
2641	498136.01	3733413.43	2.29E-03
2642	498136.01	3733423.32	2.31E-03
2643	498136.01	3733433.21	2.33E-03
2644	498136.01	3733443.1	2.35E-03
2645	498136.01	3733452.99	2.37E-03
2646	498136.01	3733462.87	2.39E-03
2647	498136.01	3733472.76	2.40E-03
2648	498136.01	3733482.65	2.42E-03

2649	498136.01	3733492.54	2.43E-03
2650	498136.01	3733502.43	2.44E-03
2651	498136.01	3733512.32	2.45E-03
2652	498136.01	3733522.21	2.46E-03
2653	498136.01	3733532.1	2.47E-03
2654	498136.01	3733541.98	2.47E-03
2655	498136.01	3733551.87	2.48E-03
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2657	498136.01	3733571.65	2.48E-03
2658	498126.01	3733265.1	1.65E-03
2659	498126.01	3733274.99	1.69E-03
2660	498126.01	3733284.88	1.72E-03
2661	498126.01	3733294.77	1.76E-03
2662	498126.01	3733304.65	1.79E-03
2663	498126.01	3733314.54	1.82E-03
2664	498126.01	3733324.43	1.85E-03
2665	498126.01	3733334.32	1.88E-03
2666	498126.01	3733344.21	1.91E-03
2667	498126.01	3733354.1	1.94E-03
2668	498126.01	3733363.99	1.96E-03
2669	498126.01	3733373.88	1.99E-03
2670	498126.01	3733383.76	2.01E-03
2671	498126.01	3733393.65	2.04E-03
2672	498126.01	3733403.54	2.06E-03
2673	498126.01	3733413.43	2.08E-03
2674	498126.01	3733423.32	2.10E-03
2675	498126.01	3733433.21	2.12E-03
2676	498126.01	3733443.1	2.13E-03
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2678	498126.01	3733462.87	2.17E-03
2679	498126.01	3733472.76	2.18E-03
2680	498126.01	3733482.65	2.20E-03
2681	498126.01	3733492.54	2.21E-03
2682	498126.01	3733502.43	2.22E-03
2683	498126.01	3733512.32	2.23E-03
2684	498126.01	3733522.21	2.24E-03
2685	498126.01	3733532.1	2.25E-03
2686	498126.01	3733541.98	2.25E-03
2687	498126.01	3733551.87	2.26E-03
2688	498126.01	3733561.76	2.26E-03
2689	498126.01	3733571.65	2.27E-03
2690	498116.01	3733265.1	1.49E-03
2691	498116.01	3733274.99	1.53E-03
2692	498116.01	3733284.88	1.56E-03
2693	498116.01	3733294.77	1.59E-03
2694	498116.01	3733304.65	1.62E-03
2695	498116.01	3733314.54	1.65E-03
2696	498116.01	3733324.43	1.68E-03
2697	498116.01	3733334.32	1.70E-03
2698	498116.01	3733344.21	1.73E-03
2699	498116.01	3733354.1	1.76E-03
2700	498116.01	3733363.99	1.78E-03

2701	498116.01	3733373.88	1.81E-03
2702	498116.01	3733383.76	1.83E-03
2703	498116.01	3733393.65	1.85E-03
2704	498116.01	3733403.54	1.87E-03
2705	498116.01	3733413.43	1.89E-03
2706	498116.01	3733423.32	1.91E-03
2707	498116.01	3733433.21	1.93E-03
2708	498116.01	3733443.1	1.95E-03
2709	498116.01	3733452.99	1.96E-03
2710	498116.01	3733462.87	1.98E-03
2711	498116.01	3733472.76	2.00E-03
2712	498116.01	3733482.65	2.01E-03
2713	498116.01	3733492.54	2.02E-03
2714	498116.01	3733502.43	2.03E-03
2715	498116.01	3733512.32	2.04E-03
2716	498116.01	3733522.21	2.05E-03
2717	498116.01	3733532.1	2.06E-03
2718	498116.01	3733541.98	2.07E-03
2719	498116.01	3733551.87	2.07E-03
2720	498116.01	3733561.76	2.08E-03
2721	498116.01	3733571.65	2.08E-03
2722	498106.01	3733265.1	1.36E-03
2723	498106.01	3733274.99	1.39E-03
2724	498106.01	3733284.88	1.42E-03
2725	498106.01	3733294.77	1.45E-03
2726	498106.01	3733304.65	1.48E-03
2727	498106.01	3733314.54	1.50E-03
2728	498106.01	3733324.43	1.53E-03
2729	498106.01	3733334.32	1.55E-03
2730	498106.01	3733344.21	1.58E-03
2731	498106.01	3733354.1	1.60E-03
2732	498106.01	3733363.99	1.63E-03
2733	498106.01	3733373.88	1.65E-03
2734	498106.01	3733383.76	1.67E-03
2735	498106.01	3733393.65	1.69E-03
2736	498106.01	3733403.54	1.71E-03
2737	498106.01	3733413.43	1.73E-03
2738	498106.01	3733423.32	1.75E-03
2739	498106.01	3733433.21	1.77E-03
2740	498106.01	3733443.1	1.79E-03
2741	498106.01	3733452.99	1.80E-03
2742	498106.01	3733462.87	1.82E-03
2743	498106.01	3733472.76	1.83E-03
2744	498106.01	3733482.65	1.84E-03
2745	498106.01	3733492.54	1.86E-03
2746	498106.01	3733502.43	1.87E-03
2747	498106.01	3733512.32	1.88E-03
2748	498106.01	3733522.21	1.89E-03
2749	498106.01	3733532.1	1.90E-03
2750	498106.01	3733541.98	1.91E-03
2751	498106.01	3733551.87	1.91E-03
2752	498106.01	3733561.76	1.92E-03

2753	498096.01	3733265.1	1.24E-03
2754	498096.01	3733274.99	1.27E-03
2755	498096.01	3733284.88	1.30E-03
2756	498096.01	3733294.77	1.33E-03
2757	498096.01	3733304.65	1.35E-03
2758	498096.01	3733314.54	1.38E-03
2759	498096.01	3733324.43	1.40E-03
2760	498096.01	3733334.32	1.42E-03
2761	498096.01	3733344.21	1.45E-03
2762	498096.01	3733354.1	1.47E-03
2763	498096.01	3733363.99	1.49E-03
2764	498096.01	3733373.88	1.51E-03
2765	498096.01	3733383.76	1.53E-03
2766	498096.01	3733393.65	1.55E-03
2767	498096.01	3733403.54	1.57E-03
2768	498096.01	3733413.43	1.59E-03
2769	498096.01	3733423.32	1.61E-03
2770	498096.01	3733433.21	1.63E-03
2771	498096.01	3733443.1	1.64E-03
2772	498096.01	3733452.99	1.66E-03
2773	498096.01	3733462.87	1.67E-03
2774	498096.01	3733472.76	1.69E-03
2775	498096.01	3733482.65	1.70E-03
2776	498096.01	3733492.54	1.71E-03
2777	498096.01	3733502.43	1.72E-03
2778	498096.01	3733512.32	1.74E-03
2779	498096.01	3733522.21	1.75E-03
2780	498096.01	3733532.1	1.75E-03
2781	498096.01	3733541.98	1.76E-03
2782	498096.01	3733551.87	1.77E-03
2783	498096.01	3733561.76	1.77E-03
2784	498086.01	3733265.1	1.15E-03
2785	498086.01	3733274.99	1.17E-03
2786	498086.01	3733284.88	1.19E-03
2787	498086.01	3733294.77	1.22E-03
2788	498086.01	3733304.65	1.24E-03
2789	498086.01	3733314.54	1.27E-03
2790	498086.01	3733324.43	1.29E-03
2791	498086.01	3733334.32	1.31E-03
2792	498086.01	3733344.21	1.33E-03
2793	498086.01	3733354.1	1.35E-03
2794	498086.01	3733363.99	1.37E-03
2795	498086.01	3733373.88	1.40E-03
2796	498086.01	3733383.76	1.41E-03
2797	498086.01	3733393.65	1.43E-03
2798	498086.01	3733403.54	1.45E-03
2799	498086.01	3733413.43	1.47E-03
2800	498086.01	3733423.32	1.49E-03
2801	498086.01	3733433.21	1.50E-03
2802	498086.01	3733443.1	1.52E-03
2803	498086.01	3733452.99	1.53E-03
2804	498086.01	3733462.87	1.55E-03

2805	498086.01	3733472.76	1.56E-03
2806	498086.01	3733482.65	1.57E-03
2807	498086.01	3733492.54	1.59E-03
2808	498086.01	3733502.43	1.60E-03
2809	498086.01	3733512.32	1.61E-03
2810	498086.01	3733522.21	1.62E-03
2811	498086.01	3733532.1	1.63E-03
2812	498086.01	3733541.98	1.63E-03
2813	498086.01	3733551.87	1.64E-03
2814	498086.01	3733561.76	1.65E-03
2815	498076.01	3733265.1	1.06E-03
2816	498076.01	3733274.99	1.08E-03
2817	498076.01	3733284.88	1.10E-03
2818	498076.01	3733294.77	1.13E-03
2819	498076.01	3733304.65	1.15E-03
2820	498076.01	3733314.54	1.17E-03
2821	498076.01	3733324.43	1.19E-03
2822	498076.01	3733334.32	1.21E-03
2823	498076.01	3733344.21	1.23E-03
2824	498076.01	3733354.1	1.25E-03
2825	498076.01	3733363.99	1.27E-03
2826	498076.01	3733373.88	1.29E-03
2827	498076.01	3733383.76	1.31E-03
2828	498076.01	3733393.65	1.33E-03
2829	498076.01	3733403.54	1.34E-03
2830	498076.01	3733413.43	1.36E-03
2831	498076.01	3733423.32	1.38E-03
2832	498076.01	3733433.21	1.39E-03
2833	498076.01	3733443.1	1.41E-03
2834	498076.01	3733452.99	1.42E-03
2835	498076.01	3733462.87	1.44E-03
2836	498076.01	3733472.76	1.45E-03
2837	498076.01	3733482.65	1.46E-03
2838	498076.01	3733492.54	1.47E-03
2839	498076.01	3733502.43	1.48E-03
2840	498076.01	3733512.32	1.49E-03
2841	498076.01	3733522.21	1.50E-03
2842	498076.01	3733532.1	1.51E-03
2843	498076.01	3733541.98	1.52E-03
2844	498076.01	3733551.87	1.53E-03
2845	498076.01	3733561.76	1.54E-03
2846	498066.01	3733265.1	9.81E-04
2847	498066.01	3733274.99	1.00E-03
2848	498066.01	3733284.88	1.02E-03
2849	498066.01	3733294.77	1.04E-03
2850	498066.01	3733304.65	1.06E-03
2851	498066.01	3733314.54	1.08E-03
2852	498066.01	3733324.43	1.10E-03
2853	498066.01	3733334.32	1.12E-03
2854	498066.01	3733344.21	1.14E-03
2855	498066.01	3733354.1	1.16E-03
2856	498066.01	3733363.99	1.18E-03

2857	498066.01	3733373.88	1.20E-03
2858	498066.01	3733383.76	1.21E-03
2859	498066.01	3733393.65	1.23E-03
2860	498066.01	3733403.54	1.25E-03
2861	498066.01	3733413.43	1.26E-03
2862	498066.01	3733423.32	1.28E-03
2863	498066.01	3733433.21	1.29E-03
2864	498066.01	3733443.1	1.31E-03
2865	498066.01	3733452.99	1.32E-03
2866	498066.01	3733462.87	1.34E-03
2867	498066.01	3733472.76	1.35E-03
2868	498066.01	3733482.65	1.36E-03
2869	498066.01	3733492.54	1.37E-03
2870	498066.01	3733502.43	1.38E-03
2871	498066.01	3733512.32	1.39E-03
2872	498066.01	3733522.21	1.40E-03
2873	498066.01	3733532.1	1.41E-03
2874	498066.01	3733541.98	1.42E-03
2875	498066.01	3733551.87	1.43E-03
2876	498066.01	3733561.76	1.43E-03
2877	498046.01	3733265.1	8.55E-04
2878	498046.01	3733274.99	8.72E-04
2879	498046.01	3733284.88	8.90E-04
2880	498046.01	3733294.77	9.07E-04
2881	498046.01	3733304.65	9.25E-04
2882	498046.01	3733314.54	9.42E-04
2883	498046.01	3733324.43	9.59E-04
2884	498046.01	3733334.32	9.76E-04
2885	498046.01	3733344.21	9.92E-04
2886	498046.01	3733354.1	1.01E-03
2887	498046.01	3733363.99	1.02E-03
2888	498046.01	3733373.88	1.04E-03
2889	498046.01	3733383.76	1.06E-03
2890	498046.01	3733393.65	1.07E-03
2891	498046.01	3733403.54	1.09E-03
2892	498046.01	3733413.43	1.10E-03
2893	498046.01	3733423.32	1.11E-03
2894	498046.01	3733433.21	1.13E-03
2895	498046.01	3733443.1	1.14E-03
2896	498046.01	3733452.99	1.15E-03
2897	498046.01	3733462.87	1.16E-03
2898	498046.01	3733472.76	1.18E-03
2899	498046.01	3733482.65	1.19E-03
2900	498046.01	3733492.54	1.20E-03
2901	498046.01	3733502.43	1.21E-03
2902	498046.01	3733512.32	1.22E-03
2903	498046.01	3733522.21	1.23E-03
2904	498046.01	3733532.1	1.24E-03
2905	498046.01	3733541.98	1.24E-03
2906	498046.01	3733551.87	1.25E-03
2907	498046.01	3733561.76	1.26E-03
2908	498026.01	3733265.1	7.54E-04

2909	498026.01	3733274.99	7.69E-04
2910	498026.01	3733284.88	7.84E-04
2911	498026.01	3733294.77	7.98E-04
2912	498026.01	3733304.65	8.13E-04
2913	498026.01	3733314.54	8.28E-04
2914	498026.01	3733324.43	8.43E-04
2915	498026.01	3733334.32	8.57E-04
2916	498026.01	3733344.21	8.72E-04
2917	498026.01	3733354.1	8.86E-04
2918	498026.01	3733363.99	9.00E-04
2919	498026.01	3733373.88	9.13E-04
2920	498026.01	3733383.76	9.27E-04
2921	498026.01	3733393.65	9.40E-04
2922	498026.01	3733403.54	9.53E-04
2923	498026.01	3733413.43	9.65E-04
2924	498026.01	3733423.32	9.77E-04
2925	498026.01	3733433.21	9.89E-04
2926	498026.01	3733443.1	1.00E-03
2927	498026.01	3733452.99	1.01E-03
2928	498026.01	3733462.87	1.02E-03
2929	498026.01	3733472.76	1.03E-03
2930	498026.01	3733482.65	1.04E-03
2931	498026.01	3733492.54	1.06E-03
2932	498026.01	3733502.43	1.07E-03
2933	498026.01	3733512.32	1.07E-03
2934	498026.01	3733522.21	1.08E-03
2935	498026.01	3733532.1	1.09E-03
2936	498026.01	3733541.98	1.10E-03
2937	498026.01	3733551.87	1.11E-03
2938	498026.01	3733561.76	1.11E-03
2939	498006.01	3733265.1	6.72E-04
2940	498006.01	3733274.99	6.85E-04
2941	498006.01	3733284.88	6.97E-04
2942	498006.01	3733294.77	7.10E-04
2943	498006.01	3733304.65	7.22E-04
2944	498006.01	3733314.54	7.35E-04
2945	498006.01	3733324.43	7.47E-04
2946	498006.01	3733334.32	7.60E-04
2947	498006.01	3733344.21	7.72E-04
2948	498006.01	3733354.1	7.84E-04
2949	498006.01	3733363.99	7.96E-04
2950	498006.01	3733373.88	8.08E-04
2951	498006.01	3733383.76	8.20E-04
2952	498006.01	3733393.65	8.32E-04
2953	498006.01	3733403.54	8.43E-04
2954	498006.01	3733413.43	8.55E-04
2955	498006.01	3733423.32	8.66E-04
2956	498006.01	3733433.21	8.77E-04
2957	498006.01	3733443.1	8.87E-04
2958	498006.01	3733452.99	8.98E-04
2959	498006.01	3733462.87	9.08E-04
2960	498006.01	3733472.76	9.18E-04

2961	498006.01	3733482.65	9.27E-04
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2963	498006.01	3733502.43	9.46E-04
2964	498006.01	3733512.32	9.55E-04
2965	498006.01	3733522.21	9.63E-04
2966	498006.01	3733532.1	9.71E-04
2967	498006.01	3733541.98	9.79E-04
2968	498006.01	3733551.87	9.86E-04
2969	498006.01	3733561.76	9.93E-04
2970	497986.01	3733265.1	6.04E-04
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2972	497986.01	3733284.88	6.25E-04
2973	497986.01	3733294.77	6.36E-04
2974	497986.01	3733304.65	6.47E-04
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2977	497986.01	3733334.32	6.79E-04
2978	497986.01	3733344.21	6.90E-04
2979	497986.01	3733354.1	7.01E-04
2980	497986.01	3733363.99	7.12E-04
2981	497986.01	3733373.88	7.22E-04
2982	497986.01	3733383.76	7.33E-04
2983	497986.01	3733393.65	7.43E-04
2984	497986.01	3733403.54	7.53E-04
2985	497986.01	3733413.43	7.63E-04
2986	497986.01	3733423.32	7.73E-04
2987	497986.01	3733433.21	7.83E-04
2988	497986.01	3733443.1	7.92E-04
2989	497986.01	3733452.99	8.02E-04
2990	497986.01	3733462.87	8.11E-04
2991	497986.01	3733472.76	8.20E-04
2992	497986.01	3733482.65	8.28E-04
2993	497986.01	3733492.54	8.37E-04
2994	497986.01	3733502.43	8.46E-04
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2996	497986.01	3733522.21	8.62E-04
2997	497986.01	3733532.1	8.69E-04
2998	497986.01	3733541.98	8.76E-04
2999	497986.01	3733551.87	8.83E-04
3000	497986.01	3733561.76	8.90E-04
3001	497966.01	3733265.1	5.48E-04
3002	497966.01	3733274.99	5.57E-04
3003	497966.01	3733284.88	5.66E-04
3004	497966.01	3733294.77	5.75E-04
3005	497966.01	3733304.65	5.84E-04
3006	497966.01	3733314.54	5.94E-04
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3009	497966.01	3733344.21	6.22E-04
3010	497966.01	3733354.1	6.31E-04
3011	497966.01	3733363.99	6.40E-04
3012	497966.01	3733373.88	6.50E-04

3013	497966.01	3733383.76	6.59E-04
3014	497966.01	3733393.65	6.68E-04
3015	497966.01	3733403.54	6.77E-04
3016	497966.01	3733413.43	6.86E-04
3017	497966.01	3733423.32	6.95E-04
3018	497966.01	3733433.21	7.04E-04
3019	497966.01	3733443.1	7.12E-04
3020	497966.01	3733452.99	7.21E-04
3021	497966.01	3733462.87	7.29E-04
3022	497966.01	3733472.76	7.37E-04
3023	497966.01	3733482.65	7.45E-04
3024	497966.01	3733492.54	7.53E-04
3025	497966.01	3733502.43	7.60E-04
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3027	497966.01	3733522.21	7.75E-04
3028	497966.01	3733532.1	7.82E-04
3029	497966.01	3733541.98	7.89E-04
3030	497966.01	3733551.87	7.96E-04
3031	497966.01	3733561.76	8.02E-04
3032	497946.01	3733265.1	5.00E-04
3033	497946.01	3733274.99	5.08E-04
3034	497946.01	3733284.88	5.16E-04
3035	497946.01	3733294.77	5.24E-04
3036	497946.01	3733304.65	5.32E-04
3037	497946.01	3733314.54	5.40E-04
3038	497946.01	3733324.43	5.48E-04
3039	497946.01	3733334.32	5.56E-04
3040	497946.01	3733344.21	5.64E-04
3041	497946.01	3733354.1	5.72E-04
3042	497946.01	3733363.99	5.80E-04
3043	497946.01	3733373.88	5.88E-04
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3045	497946.01	3733393.65	6.05E-04
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3055	497946.01	3733492.54	6.81E-04
3056	497946.01	3733502.43	6.88E-04
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3059	497946.01	3733532.1	7.08E-04
3060	497946.01	3733541.98	7.14E-04
3061	497946.01	3733551.87	7.20E-04
3062	497946.01	3733561.76	7.26E-04
3063	497926.01	3733265.1	4.59E-04
3064	497926.01	3733274.99	4.66E-04

3065	497926.01	3733284.88	4.73E-04
3066	497926.01	3733294.77	4.80E-04
3067	497926.01	3733304.65	4.87E-04
3068	497926.01	3733314.54	4.94E-04
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3073	497926.01	3733363.99	5.29E-04
3074	497926.01	3733373.88	5.36E-04
3075	497926.01	3733383.76	5.43E-04
3076	497926.01	3733393.65	5.50E-04
3077	497926.01	3733403.54	5.57E-04
3078	497926.01	3733413.43	5.65E-04
3079	497926.01	3733423.32	5.72E-04
3080	497926.01	3733433.21	5.79E-04
3081	497926.01	3733443.1	5.86E-04
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3084	497926.01	3733472.76	6.06E-04
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3090	497926.01	3733532.1	6.44E-04
3091	497926.01	3733541.98	6.50E-04
3092	497926.01	3733551.87	6.55E-04
3093	497926.01	3733561.76	6.61E-04
3094	497906.01	3733265.1	4.23E-04
3095	497906.01	3733274.99	4.29E-04
3096	497906.01	3733284.88	4.35E-04
3097	497906.01	3733294.77	4.41E-04
3098	497906.01	3733304.65	4.48E-04
3099	497906.01	3733314.54	4.54E-04
3100	497906.01	3733324.43	4.60E-04
3101	497906.01	3733334.32	4.66E-04
3102	497906.01	3733344.21	4.72E-04
3103	497906.01	3733354.1	4.79E-04
3104	497906.01	3733363.99	4.85E-04
3105	497906.01	3733373.88	4.91E-04
3106	497906.01	3733383.76	4.97E-04
3107	497906.01	3733393.65	5.04E-04
3108	497906.01	3733403.54	5.10E-04
3109	497906.01	3733413.43	5.16E-04
3110	497906.01	3733423.32	5.23E-04
3111	497906.01	3733433.21	5.29E-04
3112	497906.01	3733443.1	5.35E-04
3113	497906.01	3733452.99	5.41E-04
3114	497906.01	3733462.87	5.47E-04
3115	497906.01	3733472.76	5.54E-04
3116	497906.01	3733482.65	5.60E-04

3117	497906.01	3733492.54	5.65E-04
3118	497906.01	3733502.43	5.71E-04
3119	497906.01	3733512.32	5.77E-04
3120	497906.01	3733522.21	5.83E-04
3121	497906.01	3733532.1	5.88E-04
3122	497906.01	3733541.98	5.93E-04
3123	497906.01	3733551.87	5.99E-04
3124	497906.01	3733561.76	6.04E-04
3125	497886.01	3733265.1	3.92E-04
3126	497886.01	3733274.99	3.97E-04
3127	497886.01	3733284.88	4.03E-04
3128	497886.01	3733294.77	4.08E-04
3129	497886.01	3733304.65	4.14E-04
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3131	497886.01	3733324.43	4.25E-04
3132	497886.01	3733334.32	4.30E-04
3133	497886.01	3733344.21	4.36E-04
3134	497886.01	3733354.1	4.41E-04
3135	497886.01	3733363.99	4.47E-04
3136	497886.01	3733373.88	4.52E-04
3137	497886.01	3733383.76	4.58E-04
3138	497886.01	3733393.65	4.63E-04
3139	497886.01	3733403.54	4.69E-04
3140	497886.01	3733413.43	4.75E-04
3141	497886.01	3733423.32	4.80E-04
3142	497886.01	3733433.21	4.86E-04
3143	497886.01	3733443.1	4.91E-04
3144	497886.01	3733452.99	4.97E-04
3145	497886.01	3733462.87	5.03E-04
3146	497886.01	3733472.76	5.08E-04
3147	497886.01	3733482.65	5.13E-04
3148	497886.01	3733492.54	5.19E-04
3149	497886.01	3733502.43	5.24E-04
3150	497886.01	3733512.32	5.29E-04
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3153	497886.01	3733541.98	5.44E-04
3154	497886.01	3733551.87	5.49E-04
3155	497886.01	3733561.76	5.54E-04
3156	497866.01	3733265.1	3.64E-04
3157	497866.01	3733274.99	3.69E-04
3158	497866.01	3733284.88	3.74E-04
3159	497866.01	3733294.77	3.79E-04
3160	497866.01	3733304.65	3.84E-04
3161	497866.01	3733314.54	3.89E-04
3162	497866.01	3733324.43	3.94E-04
3163	497866.01	3733334.32	3.99E-04
3164	497866.01	3733344.21	4.03E-04
3165	497866.01	3733354.1	4.08E-04
3166	497866.01	3733363.99	4.13E-04
3167	497866.01	3733373.88	4.18E-04
3168	497866.01	3733383.76	4.23E-04

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3170	497866.01	3733403.54	4.33E-04
3171	497866.01	3733413.43	4.38E-04
3172	497866.01	3733423.32	4.43E-04
3173	497866.01	3733433.21	4.48E-04
3174	497866.01	3733443.1	4.53E-04
3175	497866.01	3733452.99	4.58E-04
3176	497866.01	3733462.87	4.63E-04
3177	497866.01	3733472.76	4.68E-04
3178	497866.01	3733482.65	4.73E-04
3179	497866.01	3733492.54	4.78E-04
3180	497866.01	3733502.43	4.83E-04
3181	497866.01	3733512.32	4.87E-04
3182	497866.01	3733522.21	4.92E-04
3183	497866.01	3733532.1	4.97E-04
3184	497866.01	3733541.98	5.01E-04
3185	497866.01	3733551.87	5.06E-04
3186	497866.01	3733561.76	5.10E-04
3187	497828.51	3733265.1	3.16E-04
3188	497828.51	3733274.99	3.20E-04
3189	497828.51	3733284.88	3.25E-04
3190	497828.51	3733294.77	3.30E-04
3191	497828.51	3733304.65	3.37E-04
3192	497828.51	3733314.54	3.41E-04
3193	497828.51	3733324.43	3.45E-04
3194	497828.51	3733334.32	3.49E-04
3195	497828.51	3733344.21	3.53E-04
3196	497828.51	3733354.1	3.57E-04
3197	497828.51	3733363.99	3.61E-04
3198	497828.51	3733373.88	3.65E-04
3199	497828.51	3733383.76	3.69E-04
3200	497828.51	3733393.65	3.73E-04
3201	497828.51	3733403.54	3.77E-04
3202	497828.51	3733413.43	3.81E-04
3203	497828.51	3733423.32	3.85E-04
3204	497828.51	3733433.21	3.89E-04
3205	497828.51	3733443.1	3.93E-04
3206	497828.51	3733452.99	3.98E-04
3207	497828.51	3733462.87	4.02E-04
3208	497828.51	3733472.76	4.06E-04
3209	497828.51	3733482.65	4.10E-04
3210	497828.51	3733492.54	4.14E-04
3211	497828.51	3733502.43	4.18E-04
3212	497828.51	3733512.32	4.22E-04
3213	497828.51	3733522.21	4.26E-04
3214	497828.51	3733532.1	4.30E-04
3215	497828.51	3733541.98	4.33E-04
3216	497828.51	3733551.87	4.37E-04
3217	497828.51	3733561.76	4.41E-04
3218	497791.01	3733265.1	2.79E-04
3219	497791.01	3733274.99	2.77E-04
3220	497791.01	3733284.88	2.82E-04

3221	497791.01	3733294.77	2.88E-04
3222	497791.01	3733304.65	2.93E-04
3223	497791.01	3733314.54	2.98E-04
3224	497791.01	3733324.43	3.02E-04
3225	497791.01	3733334.32	3.08E-04
3226	497791.01	3733344.21	3.12E-04
3227	497791.01	3733354.1	3.15E-04
3228	497791.01	3733363.99	3.19E-04
3229	497791.01	3733373.88	3.22E-04
3230	497791.01	3733383.76	3.25E-04
3231	497791.01	3733393.65	3.29E-04
3232	497791.01	3733403.54	3.32E-04
3233	497791.01	3733413.43	3.36E-04
3234	497791.01	3733423.32	3.39E-04
3235	497791.01	3733433.21	3.43E-04
3236	497791.01	3733443.1	3.46E-04
3237	497791.01	3733452.99	3.49E-04
3238	497791.01	3733462.87	3.53E-04
3239	497791.01	3733472.76	3.56E-04
3240	497791.01	3733482.65	3.59E-04
3241	497791.01	3733492.54	3.63E-04
3242	497791.01	3733502.43	3.66E-04
3243	497791.01	3733512.32	3.69E-04
3244	497791.01	3733522.21	3.73E-04
3245	497791.01	3733532.1	3.76E-04
3246	497791.01	3733541.98	3.79E-04
3247	497791.01	3733551.87	3.83E-04
3248	497791.01	3733561.76	3.86E-04
3249	497753.51	3733265.1	2.58E-04
3250	497753.51	3733274.99	2.60E-04
3251	497753.51	3733284.88	2.60E-04
3252	497753.51	3733294.77	2.60E-04
3253	497753.51	3733304.65	2.59E-04
3254	497753.51	3733314.54	2.62E-04
3255	497753.51	3733324.43	2.66E-04
3256	497753.51	3733334.32	2.71E-04
3257	497753.51	3733344.21	2.75E-04
3258	497753.51	3733354.1	2.81E-04
3259	497753.51	3733363.99	2.84E-04
3260	497753.51	3733373.88	2.87E-04
3261	497753.51	3733383.76	2.90E-04
3262	497753.51	3733393.65	2.93E-04
3263	497753.51	3733403.54	2.96E-04
3264	497753.51	3733413.43	2.99E-04
3265	497753.51	3733423.32	3.02E-04
3266	497753.51	3733433.21	3.04E-04
3267	497753.51	3733443.1	3.07E-04
3268	497753.51	3733452.99	3.10E-04
3269	497753.51	3733462.87	3.13E-04
3270	497753.51	3733472.76	3.16E-04
3271	497753.51	3733482.65	3.18E-04
3272	497753.51	3733492.54	3.21E-04

3273	497753.51	3733502.43	3.24E-04
3274	497753.51	3733512.32	3.27E-04
3275	497753.51	3733522.21	3.30E-04
3276	497753.51	3733532.1	3.32E-04
3277	497753.51	3733541.98	3.35E-04
3278	497753.51	3733551.87	3.38E-04
3279	497753.51	3733561.76	3.41E-04
3280	497716.01	3733265.1	2.34E-04
3281	497716.01	3733274.99	2.36E-04
3282	497716.01	3733284.88	2.38E-04
3283	497716.01	3733294.77	2.37E-04
3284	497716.01	3733304.65	2.37E-04
3285	497716.01	3733314.54	2.39E-04
3286	497716.01	3733324.43	2.40E-04
3287	497716.01	3733334.32	2.42E-04
3288	497716.01	3733344.21	2.47E-04
3289	497716.01	3733354.1	2.51E-04
3290	497716.01	3733363.99	2.56E-04
3291	497716.01	3733373.88	2.59E-04
3292	497716.01	3733383.76	2.61E-04
3293	497716.01	3733393.65	2.63E-04
3294	497716.01	3733403.54	2.66E-04
3295	497716.01	3733413.43	2.68E-04
3296	497716.01	3733423.32	2.70E-04
3297	497716.01	3733433.21	2.73E-04
3298	497716.01	3733443.1	2.75E-04
3299	497716.01	3733452.99	2.77E-04
3300	497716.01	3733462.87	2.80E-04
3301	497716.01	3733472.76	2.82E-04
3302	497716.01	3733482.65	2.84E-04
3303	497716.01	3733492.54	2.87E-04
3304	497716.01	3733502.43	2.89E-04
3305	497716.01	3733512.32	2.92E-04
3306	497716.01	3733522.21	2.94E-04
3307	497716.01	3733532.1	2.96E-04
3308	497716.01	3733541.98	2.99E-04
3309	497716.01	3733551.87	3.01E-04
3310	497716.01	3733561.76	3.03E-04
3311	497678.51	3733265.1	2.13E-04
3312	497678.51	3733274.99	2.15E-04
3313	497678.51	3733284.88	2.17E-04
3314	497678.51	3733294.77	2.18E-04
3315	497678.51	3733304.65	2.18E-04
3316	497678.51	3733314.54	2.20E-04
3317	497678.51	3733324.43	2.22E-04
3318	497678.51	3733334.32	2.26E-04
3319	497678.51	3733344.21	2.28E-04
3320	497678.51	3733354.1	2.30E-04
3321	497678.51	3733363.99	2.32E-04
3322	497678.51	3733373.88	2.34E-04
3323	497678.51	3733383.76	2.36E-04
3324	497678.51	3733393.65	2.38E-04

3325	497678.51	3733403.54	2.40E-04
3326	497678.51	3733413.43	2.42E-04
3327	497678.51	3733423.32	2.44E-04
3328	497678.51	3733433.21	2.46E-04
3329	497678.51	3733443.1	2.48E-04
3330	497678.51	3733452.99	2.50E-04
3331	497678.51	3733462.87	2.52E-04
3332	497678.51	3733472.76	2.54E-04
3333	497678.51	3733482.65	2.56E-04
3334	497678.51	3733492.54	2.58E-04
3335	497678.51	3733502.43	2.60E-04
3336	497678.51	3733512.32	2.62E-04
3337	497678.51	3733522.21	2.64E-04
3338	497678.51	3733532.1	2.66E-04
3339	497678.51	3733541.98	2.68E-04
3340	497678.51	3733551.87	2.70E-04
3341	497678.51	3733561.76	2.72E-04
3342	497641.01	3733265.1	1.95E-04
3343	497641.01	3733274.99	1.97E-04
3344	497641.01	3733284.88	1.99E-04
3345	497641.01	3733294.77	2.00E-04
3346	497641.01	3733304.65	2.02E-04
3347	497641.01	3733314.54	2.04E-04
3348	497641.01	3733324.43	2.05E-04
3349	497641.01	3733334.32	2.07E-04
3350	497641.01	3733344.21	2.09E-04
3351	497641.01	3733354.1	2.10E-04
3352	497641.01	3733363.99	2.12E-04
3353	497641.01	3733373.88	2.14E-04
3354	497641.01	3733383.76	2.15E-04
3355	497641.01	3733393.65	2.17E-04
3356	497641.01	3733403.54	2.19E-04
3357	497641.01	3733413.43	2.21E-04
3358	497641.01	3733423.32	2.22E-04
3359	497641.01	3733433.21	2.24E-04
3360	497641.01	3733443.1	2.26E-04
3361	497641.01	3733452.99	2.27E-04
3362	497641.01	3733462.87	2.29E-04
3363	497641.01	3733472.76	2.31E-04
3364	497641.01	3733482.65	2.33E-04
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3368	497641.01	3733522.21	2.39E-04
3369	497641.01	3733532.1	2.41E-04
3370	497641.01	3733541.98	2.43E-04
3371	497641.01	3733551.87	2.45E-04
3372	497641.01	3733561.76	2.46E-04
3373	497603.51	3733265.1	1.80E-04
3374	497603.51	3733274.99	1.81E-04
3375	497603.51	3733284.88	1.83E-04
3376	497603.51	3733294.77	1.84E-04

3377	497603.51	3733304.65	1.86E-04
3378	497603.51	3733314.54	1.87E-04
3379	497603.51	3733324.43	1.89E-04
3380	497603.51	3733334.32	1.90E-04
3381	497603.51	3733344.21	1.92E-04
3382	497603.51	3733354.1	1.93E-04
3383	497603.51	3733363.99	1.95E-04
3384	497603.51	3733373.88	1.96E-04
3385	497603.51	3733383.76	1.98E-04
3386	497603.51	3733393.65	1.99E-04
3387	497603.51	3733403.54	2.00E-04
3388	497603.51	3733413.43	2.02E-04
3389	497603.51	3733423.32	2.03E-04
3390	497603.51	3733433.21	2.05E-04
3391	497603.51	3733443.1	2.06E-04
3392	497603.51	3733452.99	2.08E-04
3393	497603.51	3733462.87	2.09E-04
3394	497603.51	3733472.76	2.11E-04
3395	497603.51	3733482.65	2.12E-04
3396	497603.51	3733492.54	2.14E-04
3397	497603.51	3733502.43	2.15E-04
3398	497603.51	3733512.32	2.17E-04
3399	497603.51	3733522.21	2.18E-04
3400	497603.51	3733532.1	2.20E-04
3401	497603.51	3733541.98	2.21E-04
3402	497603.51	3733551.87	2.23E-04
3403	497603.51	3733561.76	2.24E-04
3404	497566.01	3733265.1	1.67E-04
3405	497566.01	3733274.99	1.68E-04
3406	497566.01	3733284.88	1.69E-04
3407	497566.01	3733294.77	1.71E-04
3408	497566.01	3733304.65	1.72E-04
3409	497566.01	3733314.54	1.73E-04
3410	497566.01	3733324.43	1.74E-04
3411	497566.01	3733334.32	1.76E-04
3412	497566.01	3733344.21	1.77E-04
3413	497566.01	3733354.1	1.78E-04
3414	497566.01	3733363.99	1.79E-04
3415	497566.01	3733373.88	1.81E-04
3416	497566.01	3733383.76	1.82E-04
3417	497566.01	3733393.65	1.83E-04
3418	497566.01	3733403.54	1.84E-04
3419	497566.01	3733413.43	1.86E-04
3420	497566.01	3733423.32	1.87E-04
3421	497566.01	3733433.21	1.88E-04
3422	497566.01	3733443.1	1.90E-04
3423	497566.01	3733452.99	1.91E-04
3424	497566.01	3733462.87	1.92E-04
3425	497566.01	3733472.76	1.93E-04
3426	497566.01	3733482.65	1.95E-04
3427	497566.01	3733492.54	1.96E-04
3428	497566.01	3733502.43	1.97E-04

3429	497566.01	3733512.32	1.99E-04
3430	497566.01	3733522.21	2.00E-04
3431	497566.01	3733532.1	2.01E-04
3432	497566.01	3733541.98	2.02E-04
3433	497566.01	3733551.87	2.04E-04
3434	497566.01	3733561.76	2.05E-04
3435	497508.87	3733265.1	1.49E-04
3436	497508.87	3733274.99	1.50E-04
3437	497508.87	3733284.88	1.51E-04
3438	497508.87	3733294.77	1.52E-04
3439	497508.87	3733304.65	1.54E-04
3440	497508.87	3733314.54	1.55E-04
3441	497508.87	3733324.43	1.56E-04
3442	497508.87	3733334.32	1.57E-04
3443	497508.87	3733344.21	1.58E-04
3444	497508.87	3733354.1	1.59E-04
3445	497508.87	3733363.99	1.60E-04
3446	497508.87	3733373.88	1.61E-04
3447	497508.87	3733383.76	1.62E-04
3448	497508.87	3733393.65	1.63E-04
3449	497508.87	3733403.54	1.64E-04
3450	497508.87	3733413.43	1.65E-04
3451	497508.87	3733423.32	1.66E-04
3452	497508.87	3733433.21	1.67E-04
3453	497508.87	3733443.1	1.68E-04
3454	497508.87	3733452.99	1.69E-04
3455	497508.87	3733462.87	1.70E-04
3456	497508.87	3733472.76	1.71E-04
3457	497508.87	3733482.65	1.72E-04
3458	497508.87	3733492.54	1.73E-04
3459	497508.87	3733502.43	1.74E-04
3460	497508.87	3733512.32	1.75E-04
3461	497508.87	3733522.21	1.77E-04
3462	497508.87	3733532.1	1.78E-04
3463	497508.87	3733541.98	1.79E-04
3464	497508.87	3733551.87	1.80E-04
3465	497508.87	3733561.76	1.81E-04
3466	497451.72	3733265.1	1.35E-04
3467	497451.72	3733274.99	1.36E-04
3468	497451.72	3733284.88	1.36E-04
3469	497451.72	3733294.77	1.37E-04
3470	497451.72	3733304.65	1.38E-04
3471	497451.72	3733314.54	1.39E-04
3472	497451.72	3733324.43	1.40E-04
3473	497451.72	3733334.32	1.41E-04
3474	497451.72	3733344.21	1.42E-04
3475	497451.72	3733354.1	1.43E-04
3476	497451.72	3733363.99	1.43E-04
3477	497451.72	3733373.88	1.44E-04
3478	497451.72	3733383.76	1.45E-04
3479	497451.72	3733393.65	1.46E-04
3480	497451.72	3733403.54	1.47E-04

3481	497451.72	3733413.43	1.48E-04
3482	497451.72	3733423.32	1.49E-04
3483	497451.72	3733433.21	1.50E-04
3484	497451.72	3733443.1	1.50E-04
3485	497451.72	3733452.99	1.51E-04
3486	497451.72	3733462.87	1.52E-04
3487	497451.72	3733472.76	1.53E-04
3488	497451.72	3733482.65	1.54E-04
3489	497451.72	3733492.54	1.55E-04
3490	497451.72	3733502.43	1.56E-04
3491	497451.72	3733512.32	1.57E-04
3492	497451.72	3733522.21	1.57E-04
3493	497451.72	3733532.1	1.58E-04
3494	497451.72	3733541.98	1.59E-04
3495	497451.72	3733551.87	1.60E-04
3496	497394.58	3733265.1	1.22E-04
3497	497394.58	3733274.99	1.23E-04
3498	497394.58	3733284.88	1.24E-04
3499	497394.58	3733294.77	1.25E-04
3500	497394.58	3733304.65	1.25E-04
3501	497394.58	3733314.54	1.26E-04
3502	497394.58	3733324.43	1.27E-04
3503	497394.58	3733334.32	1.28E-04
3504	497394.58	3733344.21	1.28E-04
3505	497394.58	3733354.1	1.29E-04
3506	497394.58	3733363.99	1.30E-04
3507	497394.58	3733373.88	1.31E-04
3508	497394.58	3733383.76	1.31E-04
3509	497394.58	3733393.65	1.32E-04
3510	497394.58	3733403.54	1.33E-04
3511	497394.58	3733413.43	1.34E-04
3512	497394.58	3733423.32	1.34E-04
3513	497394.58	3733433.21	1.35E-04
3514	497394.58	3733443.1	1.36E-04
3515	497394.58	3733452.99	1.36E-04
3516	497394.58	3733462.87	1.37E-04
3517	497394.58	3733472.76	1.38E-04
3518	497394.58	3733482.65	1.39E-04
3519	497394.58	3733492.54	1.39E-04
3520	497394.58	3733502.43	1.40E-04
3521	497394.58	3733512.32	1.41E-04
3522	497394.58	3733522.21	1.42E-04
3523	497394.58	3733532.1	1.42E-04
3524	497394.58	3733541.98	1.43E-04
3525	497394.58	3733551.87	1.44E-04

	UTM X	UTM Y	Yr 1
1	498155.7	3733600	7.77E-08
2	498155.6	3733610	7.73E-08
3	498155.4	3733619	7.68E-08
4	498155.3	3733629	7.63E-08
5	498155.1	3733638	7.58E-08
6	498155	3733648	7.52E-08
7	498154.8	3733657	7.45E-08
8	498154.7	3733667	7.38E-08
9	498154.5	3733676	7.30E-08
10	498154.4	3733686	7.21E-08
11	498154.2	3733695	7.11E-08
12	498154.1	3733705	7.01E-08
13	498153.9	3733714	6.89E-08
14	498153.8	3733723	6.77E-08
15	498153.6	3733733	6.65E-08
16	498153.5	3733742	6.52E-08
17	498145.7	3733600	7.01E-08
18	498145.6	3733610	6.98E-08
19	498145.4	3733619	6.95E-08
20	498145.3	3733629	6.91E-08
21	498145.1	3733638	6.87E-08
22	498145	3733648	6.82E-08
23	498144.8	3733657	6.77E-08
24	498144.7	3733666	6.71E-08
25	498144.5	3733676	6.65E-08
26	498144.4	3733685	6.58E-08
27	498144.2	3733695	6.51E-08
28	498144.1	3733704	6.42E-08
29	498143.9	3733714	6.34E-08
30	498143.8	3733723	6.24E-08
31	498143.6	3733733	6.14E-08
32	498143.5	3733742	6.04E-08
33	498135.7	3733600	6.38E-08
34	498135.6	3733609	6.36E-08
35	498135.4	3733619	6.33E-08
36	498135.3	3733628	6.30E-08
37	498135.1	3733638	6.27E-08
38	498135	3733647	6.23E-08
39	498134.8	3733657	6.19E-08
40	498134.7	3733666	6.15E-08
41	498134.5	3733676	6.10E-08
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43	498134.2	3733695	5.99E-08
44	498134.1	3733704	5.92E-08
45	498133.9	3733714	5.85E-08
46	498133.8	3733723	5.78E-08
47	498133.6	3733733	5.70E-08
48	498133.5	3733742	5.62E-08
49	498125.7	3733600	5.84E-08
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51	498125.4	3733619	5.81E-08

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53	498125.1	3733638	5.76E-08
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61	498123.9	3733713	5.44E-08
62	498123.8	3733723	5.38E-08
63	498123.6	3733732	5.32E-08
64	498123.5	3733742	5.25E-08
65	498115.7	3733600	5.38E-08
66	498115.6	3733609	5.37E-08
67	498115.4	3733619	5.35E-08
68	498115.3	3733628	5.34E-08
69	498115.1	3733638	5.32E-08
70	498115	3733647	5.30E-08
71	498114.8	3733657	5.28E-08
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73	498114.5	3733675	5.22E-08
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76	498114.1	3733704	5.11E-08
77	498113.9	3733713	5.07E-08
78	498113.8	3733723	5.02E-08
79	498113.6	3733732	4.97E-08
80	498113.5	3733742	4.92E-08
81	497337.5	3733568	3.39E-09
82	497337.4	3733578	3.40E-09
83	497337.2	3733587	3.42E-09
84	497337.1	3733597	3.43E-09
85	497336.9	3733606	3.44E-09
86	497336.8	3733616	3.46E-09
87	497336.6	3733625	3.47E-09
88	497336.5	3733635	3.49E-09
89	497336.3	3733644	3.50E-09
90	497336.2	3733654	3.51E-09
91	497336	3733663	3.53E-09
92	497335.9	3733673	3.54E-09
93	497335.7	3733682	3.55E-09
94	497335.6	3733692	3.57E-09
95	497335.4	3733701	3.58E-09
96	497335.3	3733710	3.60E-09
97	497335.1	3733720	3.61E-09
98	497335	3733729	3.62E-09
99	497334.8	3733739	3.64E-09
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102	497280.1	3733586	3.11E-09
103	497280	3733596	3.12E-09

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105	497279.7	3733615	3.14E-09
106	497279.5	3733624	3.15E-09
107	497279.4	3733634	3.17E-09
108	497279.2	3733643	3.18E-09
109	497279.1	3733653	3.19E-09
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112	497278.6	3733681	3.23E-09
113	497278.5	3733691	3.24E-09
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118	497277.7	3733738	3.30E-09
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121	497223	3733586	2.84E-09
122	497222.8	3733595	2.85E-09
123	497222.7	3733604	2.86E-09
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125	497222.4	3733623	2.88E-09
126	497222.2	3733633	2.89E-09
127	497222.1	3733642	2.90E-09
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129	497221.8	3733661	2.92E-09
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131	497221.5	3733680	2.94E-09
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133	497221.2	3733699	2.96E-09
134	497221	3733709	2.97E-09
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136	497220.7	3733728	2.99E-09
137	497220.6	3733737	3.00E-09
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139	497166	3733575	2.60E-09
140	497165.8	3733585	2.61E-09
141	497165.7	3733594	2.62E-09
142	497165.5	3733604	2.63E-09
143	497165.4	3733613	2.64E-09
144	497165.2	3733623	2.65E-09
145	497165.1	3733632	2.66E-09
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147	497164.8	3733651	2.68E-09
148	497164.6	3733660	2.68E-09
149	497164.5	3733670	2.69E-09
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151	497164.2	3733689	2.71E-09
152	497164	3733698	2.72E-09
153	497163.9	3733708	2.73E-09
154	497163.7	3733717	2.74E-09
155	497163.6	3733727	2.75E-09

156	497163.4	3733736	2.75E-09
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163	498079.1	3733917	3.27E-08
164	498070.8	3733913	3.19E-08
165	498101.9	3733946	3.36E-08
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169	498067.1	3733932	3.07E-08
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176	497964.3	3733801	2.23E-08
177	498102.9	3733967	3.24E-08
178	498094.4	3733963	3.19E-08
179	498085.9	3733960	3.12E-08
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181	498068.8	3733952	3.00E-08
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183	498051.7	3733945	2.86E-08
184	498043.2	3733942	2.79E-08
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188	498009.1	3733927	2.52E-08
189	498000.6	3733924	2.45E-08
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196	498057	3733968	2.82E-08
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203	497995.4	3733942	2.37E-08
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206	497970.7	3733916	2.21E-08
207	497924.6	3733801	1.89E-08

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213	498067.3	3733992	2.81E-08
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215	498050	3733985	2.70E-08
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217	498032.7	3733977	2.59E-08
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225	497953	3733922	2.07E-08
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233	498128.4	3734038	3.00E-08
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235	498111.3	3734030	2.94E-08
236	498102.8	3734027	2.90E-08
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258	498119.5	3734071	2.75E-08
259	498111	3734068	2.73E-08

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263	498136.5	3734116	2.59E-08
264	498127.9	3734113	2.58E-08
265	498119.3	3734109	2.56E-08
266	498110.7	3734105	2.54E-08
267	498102.1	3734102	2.52E-08
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271	497829.9	3733850	1.34E-08
272	497819.5	3733824	1.29E-08
273	497816.1	3733815	1.27E-08
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275	497809.1	3733798	1.23E-08
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279	497792.5	3733850	1.19E-08
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281	498411.7	3733810	8.42E-08
282	498418.2	3733818	7.95E-08
283	498424.1	3733867	6.06E-08
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289	498410	3733893	5.55E-08
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291	498459.4	3733894	4.93E-08
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294	498432.3	3733904	5.06E-08
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304	498416	3733930	4.70E-08
305	498406.7	3733934	4.72E-08
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310	498438.7	3733942	4.31E-08
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327	498447	3733979	3.72E-08
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372	498447.3	3734094	2.65E-08
373	498438	3734097	2.67E-08
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382	498470.8	3734122	2.37E-08
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384	498452.3	3734129	2.40E-08
385	498443	3734133	2.42E-08
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403	498489	3734139	2.21E-08
404	498497.7	3734136	2.19E-08
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408	498424.3	3734018	3.42E-08
409	498427.9	3734037	3.20E-08
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413	498441.3	3734111	2.56E-08
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415	498409.5	3733788	9.77E-08

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418	498422.5	3733778	1.02E-07
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422	498432.2	3733788	9.31E-08
423	498442	3733788	9.09E-08
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425	498432.2	3733798	8.70E-08
426	498441.9	3733798	8.49E-08
427	498422.4	3733808	8.35E-08
428	498432.1	3733808	8.17E-08
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437	498549.1	3733918	3.33E-08
438	498539.2	3733938	3.26E-08
439	498549	3733938	3.15E-08
440	498480.4	3733978	3.45E-08
441	498480.3	3734018	3.06E-08
442	498470.4	3734038	2.95E-08
443	498421.4	3734076	2.90E-08
444	498460.5	3734076	2.72E-08
445	498470.3	3734076	2.67E-08
446	498519.2	3734076	2.41E-08
447	498421.3	3734113	2.62E-08
448	498431.1	3734113	2.58E-08
449	498470.2	3734113	2.43E-08
450	498580.5	3733770	4.35E-08
451	498599.5	3733729	4.07E-08
452	498599.6	3733719	4.14E-08
453	498599.6	3733709	4.21E-08
454	498599.7	3733699	4.28E-08
455	498599.7	3733690	4.36E-08
456	498599.8	3733680	4.45E-08
457	498599.8	3733670	4.55E-08
458	498599.9	3733660	4.65E-08
459	498599.9	3733650	4.75E-08
460	498600	3733640	4.86E-08
461	498600	3733631	4.97E-08
462	498600.1	3733621	5.08E-08
463	498600.1	3733611	5.19E-08
464	498600.2	3733601	5.30E-08
465	498600.2	3733591	5.41E-08
466	498600.3	3733581	5.51E-08
467	498600.3	3733572	5.60E-08

468	498600.4	3733562	5.70E-08
469	498600.4	3733552	5.78E-08
470	498600.5	3733542	5.87E-08
471	498600.6	3733532	5.94E-08
472	498600.6	3733522	6.02E-08
473	498600.7	3733513	6.08E-08
474	498600.7	3733503	6.15E-08
475	498600.8	3733493	6.20E-08
476	498600.8	3733483	6.26E-08
477	498600.9	3733473	6.30E-08
478	498600.9	3733464	6.34E-08
479	498601	3733454	6.38E-08
480	498601	3733444	6.41E-08
481	498601.1	3733434	6.44E-08
482	498585.8	3733778	4.09E-08
483	498577	3733781	4.33E-08
484	498568.1	3733785	4.56E-08
485	498609.5	3733729	3.75E-08
486	498609.6	3733719	3.81E-08
487	498609.6	3733709	3.87E-08
488	498609.7	3733699	3.93E-08
489	498609.7	3733690	3.99E-08
490	498609.8	3733680	4.06E-08
491	498609.8	3733670	4.13E-08
492	498609.9	3733660	4.21E-08
493	498609.9	3733650	4.30E-08
494	498610	3733640	4.38E-08
495	498610	3733631	4.47E-08
496	498610.1	3733621	4.56E-08
497	498610.1	3733611	4.66E-08
498	498610.2	3733601	4.75E-08
499	498610.2	3733591	4.84E-08
500	498610.3	3733581	4.92E-08
501	498610.3	3733572	5.01E-08
502	498610.4	3733562	5.09E-08
503	498610.4	3733552	5.17E-08
504	498610.5	3733542	5.24E-08
505	498610.6	3733532	5.31E-08
506	498610.6	3733523	5.37E-08
507	498610.7	3733513	5.44E-08
508	498610.7	3733503	5.49E-08
509	498610.8	3733493	5.55E-08
510	498610.8	3733483	5.59E-08
511	498610.9	3733473	5.64E-08
512	498610.9	3733464	5.68E-08
513	498611	3733454	5.71E-08
514	498611	3733444	5.74E-08
515	498611.1	3733434	5.77E-08
516	498593.2	3733785	3.82E-08
517	498584.7	3733788	4.02E-08
518	498576.2	3733792	4.22E-08
519	498567.7	3733795	4.43E-08

520	498619.5	3733729	3.48E-08
521	498619.6	3733719	3.52E-08
522	498619.6	3733709	3.57E-08
523	498619.7	3733699	3.62E-08
524	498619.7	3733690	3.67E-08
525	498619.8	3733680	3.72E-08
526	498619.8	3733670	3.78E-08
527	498619.9	3733660	3.85E-08
528	498619.9	3733650	3.91E-08
529	498620	3733641	3.98E-08
530	498620	3733631	4.06E-08
531	498620.1	3733621	4.13E-08
532	498620.1	3733611	4.21E-08
533	498620.2	3733601	4.28E-08
534	498620.2	3733591	4.36E-08
535	498620.3	3733582	4.43E-08
536	498620.3	3733572	4.51E-08
537	498620.4	3733562	4.58E-08
538	498620.4	3733552	4.65E-08
539	498620.5	3733542	4.71E-08
540	498620.6	3733532	4.77E-08
541	498620.6	3733523	4.83E-08
542	498620.7	3733513	4.89E-08
543	498620.7	3733503	4.94E-08
544	498620.8	3733493	4.99E-08
545	498620.8	3733483	5.04E-08
546	498620.9	3733473	5.08E-08
547	498620.9	3733464	5.11E-08
548	498621	3733454	5.15E-08
549	498621	3733444	5.18E-08
550	498621.1	3733434	5.20E-08
551	498600.5	3733792	3.58E-08
552	498584	3733798	3.93E-08
553	498629.5	3733729	3.23E-08
554	498629.6	3733719	3.27E-08
555	498629.6	3733709	3.31E-08
556	498629.7	3733700	3.35E-08
557	498629.7	3733690	3.39E-08
558	498629.8	3733680	3.43E-08
559	498629.8	3733670	3.48E-08
560	498629.9	3733660	3.53E-08
561	498629.9	3733650	3.59E-08
562	498630	3733641	3.64E-08
563	498630	3733631	3.70E-08
564	498630.1	3733621	3.77E-08
565	498630.1	3733611	3.83E-08
566	498630.2	3733601	3.89E-08
567	498630.2	3733591	3.96E-08
568	498630.3	3733582	4.02E-08
569	498630.3	3733572	4.08E-08
570	498630.4	3733562	4.15E-08
571	498630.4	3733552	4.21E-08

572	498630.5	3733542	4.26E-08
573	498630.6	3733532	4.32E-08
574	498630.6	3733523	4.37E-08
575	498630.7	3733513	4.42E-08
576	498630.7	3733503	4.47E-08
577	498630.8	3733493	4.52E-08
578	498630.8	3733483	4.56E-08
579	498630.9	3733473	4.60E-08
580	498630.9	3733464	4.63E-08
581	498631	3733454	4.66E-08
582	498631	3733444	4.69E-08
583	498631.1	3733434	4.72E-08
584	498591.5	3733805	3.68E-08
585	498575.3	3733812	4.00E-08
586	498639.5	3733729	3.02E-08
587	498639.6	3733719	3.05E-08
588	498639.6	3733709	3.08E-08
589	498639.7	3733700	3.11E-08
590	498639.7	3733690	3.15E-08
591	498639.8	3733680	3.18E-08
592	498639.8	3733670	3.22E-08
593	498639.9	3733660	3.26E-08
594	498639.9	3733650	3.31E-08
595	498640	3733641	3.35E-08
596	498640	3733631	3.40E-08
597	498640.1	3733621	3.45E-08
598	498640.1	3733611	3.50E-08
599	498640.2	3733601	3.56E-08
600	498640.2	3733591	3.61E-08
601	498640.3	3733582	3.67E-08
602	498640.3	3733572	3.72E-08
603	498640.4	3733562	3.77E-08
604	498640.4	3733552	3.83E-08
605	498640.5	3733542	3.88E-08
606	498640.6	3733533	3.93E-08
607	498640.6	3733523	3.98E-08
608	498640.7	3733513	4.02E-08
609	498640.7	3733503	4.06E-08
610	498640.8	3733493	4.10E-08
611	498640.8	3733483	4.14E-08
612	498640.9	3733474	4.18E-08
613	498640.9	3733464	4.21E-08
614	498641	3733454	4.24E-08
615	498641	3733444	4.27E-08
616	498641.1	3733434	4.30E-08
617	498598.9	3733812	3.46E-08
618	498583	3733819	3.75E-08
619	498649.5	3733729	2.82E-08
620	498649.6	3733719	2.85E-08
621	498649.6	3733709	2.87E-08
622	498649.7	3733700	2.90E-08
623	498649.7	3733690	2.93E-08

624	498649.8	3733680	2.96E-08
625	498649.8	3733670	2.99E-08
626	498649.9	3733660	3.02E-08
627	498649.9	3733651	3.06E-08
628	498650	3733641	3.10E-08
629	498650	3733631	3.14E-08
630	498650.1	3733621	3.18E-08
631	498650.1	3733611	3.22E-08
632	498650.2	3733601	3.27E-08
633	498650.2	3733592	3.31E-08
634	498650.3	3733582	3.36E-08
635	498650.3	3733572	3.41E-08
636	498650.4	3733562	3.45E-08
637	498650.4	3733552	3.50E-08
638	498650.5	3733542	3.54E-08
639	498650.6	3733533	3.59E-08
640	498650.6	3733523	3.63E-08
641	498650.7	3733513	3.67E-08
642	498650.7	3733503	3.71E-08
643	498650.8	3733493	3.75E-08
644	498650.8	3733483	3.78E-08
645	498650.9	3733474	3.82E-08
646	498650.9	3733464	3.85E-08
647	498651	3733454	3.88E-08
648	498651	3733444	3.90E-08
649	498651.1	3733434	3.93E-08
650	498594.5	3733824	3.46E-08
651	498585.6	3733828	3.61E-08
652	498576.8	3733831	3.76E-08
653	498568	3733835	3.91E-08
654	498659.5	3733729	2.65E-08
655	498659.6	3733719	2.67E-08
656	498659.6	3733710	2.69E-08
657	498659.7	3733700	2.71E-08
658	498659.7	3733690	2.74E-08
659	498659.8	3733680	2.76E-08
660	498659.8	3733670	2.79E-08
661	498659.9	3733660	2.81E-08
662	498659.9	3733651	2.84E-08
663	498660	3733641	2.87E-08
664	498660	3733631	2.91E-08
665	498660.1	3733621	2.94E-08
666	498660.1	3733611	2.98E-08
667	498660.2	3733601	3.02E-08
668	498660.2	3733592	3.05E-08
669	498660.3	3733582	3.09E-08
670	498660.3	3733572	3.13E-08
671	498660.4	3733562	3.17E-08
672	498660.4	3733552	3.21E-08
673	498660.5	3733542	3.25E-08
674	498660.6	3733533	3.29E-08
675	498660.6	3733523	3.33E-08

676	498660.7	3733513	3.37E-08
677	498660.7	3733503	3.40E-08
678	498660.8	3733493	3.44E-08
679	498660.8	3733483	3.47E-08
680	498660.9	3733474	3.50E-08
681	498660.9	3733464	3.53E-08
682	498661	3733454	3.56E-08
683	498661	3733444	3.58E-08
684	498661.1	3733434	3.61E-08
685	498593	3733845	3.32E-08
686	498584.5	3733848	3.44E-08
687	498576	3733852	3.57E-08
688	498567.5	3733855	3.69E-08
689	498679.5	3733729	2.34E-08
690	498679.6	3733719	2.36E-08
691	498679.6	3733710	2.37E-08
692	498679.7	3733700	2.39E-08
693	498679.7	3733690	2.40E-08
694	498679.8	3733680	2.42E-08
695	498679.8	3733670	2.44E-08
696	498679.9	3733660	2.46E-08
697	498679.9	3733651	2.48E-08
698	498680	3733641	2.50E-08
699	498680	3733631	2.52E-08
700	498680.1	3733621	2.54E-08
701	498680.1	3733611	2.57E-08
702	498680.2	3733602	2.60E-08
703	498680.2	3733592	2.62E-08
704	498680.3	3733582	2.65E-08
705	498680.3	3733572	2.68E-08
706	498680.4	3733562	2.71E-08
707	498680.4	3733552	2.74E-08
708	498680.5	3733543	2.77E-08
709	498680.6	3733533	2.80E-08
710	498680.6	3733523	2.83E-08
711	498680.7	3733513	2.86E-08
712	498680.7	3733503	2.89E-08
713	498680.8	3733493	2.92E-08
714	498680.8	3733484	2.94E-08
715	498680.9	3733474	2.97E-08
716	498680.9	3733464	3.00E-08
717	498681	3733454	3.02E-08
718	498681	3733444	3.04E-08
719	498681.1	3733434	3.07E-08
720	498586	3733867	3.25E-08
721	498577	3733871	3.37E-08
722	498699.5	3733729	2.09E-08
723	498699.6	3733720	2.10E-08
724	498699.6	3733710	2.11E-08
725	498699.7	3733700	2.12E-08
726	498699.7	3733690	2.13E-08
727	498699.8	3733680	2.14E-08

728	498699.8	3733670	2.15E-08
729	498699.9	3733661	2.17E-08
730	498699.9	3733651	2.18E-08
731	498700	3733641	2.20E-08
732	498700	3733631	2.21E-08
733	498700.1	3733621	2.23E-08
734	498700.1	3733611	2.24E-08
735	498700.2	3733602	2.26E-08
736	498700.2	3733592	2.28E-08
737	498700.3	3733582	2.30E-08
738	498700.3	3733572	2.32E-08
739	498700.4	3733562	2.35E-08
740	498700.4	3733552	2.37E-08
741	498700.5	3733543	2.39E-08
742	498700.6	3733533	2.42E-08
743	498700.6	3733523	2.44E-08
744	498700.7	3733513	2.46E-08
745	498700.7	3733503	2.49E-08
746	498700.8	3733494	2.51E-08
747	498700.8	3733484	2.53E-08
748	498700.9	3733474	2.55E-08
749	498700.9	3733464	2.58E-08
750	498701	3733454	2.60E-08
751	498701	3733444	2.62E-08
752	498701.1	3733435	2.64E-08
753	498637.3	3733866	2.54E-08
754	498628.6	3733870	2.63E-08
755	498719.5	3733730	1.88E-08
756	498719.6	3733720	1.88E-08
757	498719.6	3733710	1.89E-08
758	498719.7	3733700	1.90E-08
759	498719.7	3733690	1.90E-08
760	498719.8	3733680	1.91E-08
761	498719.8	3733671	1.92E-08
762	498719.9	3733661	1.93E-08
763	498719.9	3733651	1.94E-08
764	498720	3733641	1.95E-08
765	498720	3733631	1.96E-08
766	498720.1	3733621	1.97E-08
767	498720.1	3733612	1.98E-08
768	498720.2	3733602	1.99E-08
769	498720.2	3733592	2.01E-08
770	498720.3	3733582	2.02E-08
771	498720.3	3733572	2.04E-08
772	498720.4	3733562	2.05E-08
773	498720.4	3733553	2.07E-08
774	498720.5	3733543	2.09E-08
775	498720.6	3733533	2.11E-08
776	498720.6	3733523	2.13E-08
777	498720.7	3733513	2.14E-08
778	498720.7	3733503	2.16E-08
779	498720.8	3733494	2.18E-08

780	498720.8	3733484	2.20E-08
781	498720.9	3733474	2.22E-08
782	498720.9	3733464	2.24E-08
783	498721	3733454	2.26E-08
784	498721	3733444	2.28E-08
785	498721.1	3733435	2.30E-08
786	498660.7	3733877	2.24E-08
787	498652.2	3733880	2.32E-08
788	498643.7	3733884	2.40E-08
789	498635.2	3733887	2.48E-08
790	498626.7	3733891	2.56E-08
791	498618.3	3733894	2.64E-08
792	498739.5	3733730	1.69E-08
793	498739.6	3733720	1.70E-08
794	498739.6	3733710	1.70E-08
795	498739.7	3733700	1.70E-08
796	498739.7	3733690	1.71E-08
797	498739.8	3733680	1.71E-08
798	498739.8	3733671	1.72E-08
799	498739.9	3733661	1.73E-08
800	498739.9	3733651	1.73E-08
801	498740	3733641	1.74E-08
802	498740	3733631	1.75E-08
803	498740.1	3733622	1.75E-08
804	498740.1	3733612	1.76E-08
805	498740.2	3733602	1.77E-08
806	498740.2	3733592	1.78E-08
807	498740.3	3733582	1.79E-08
808	498740.3	3733572	1.80E-08
809	498740.4	3733563	1.82E-08
810	498740.4	3733553	1.83E-08
811	498740.5	3733543	1.84E-08
812	498740.5	3733533	1.86E-08
813	498740.6	3733523	1.87E-08
814	498740.7	3733513	1.89E-08
815	498740.7	3733504	1.90E-08
816	498740.8	3733494	1.92E-08
817	498740.8	3733484	1.93E-08
818	498740.9	3733474	1.95E-08
819	498740.9	3733464	1.97E-08
820	498741	3733454	1.98E-08
821	498741	3733445	2.00E-08
822	498741.1	3733435	2.02E-08
823	498691.4	3733884	1.94E-08
824	498664.9	3733895	2.15E-08
825	498656	3733899	2.22E-08
826	498647.2	3733902	2.30E-08
827	498759.5	3733730	1.53E-08
828	498759.6	3733720	1.54E-08
829	498759.6	3733710	1.54E-08
830	498759.7	3733700	1.54E-08
831	498759.7	3733690	1.54E-08

832	498759.8	3733681	1.55E-08
833	498759.8	3733671	1.55E-08
834	498759.9	3733661	1.55E-08
835	498759.9	3733651	1.56E-08
836	498760	3733641	1.56E-08
837	498760	3733631	1.57E-08
838	498760.1	3733622	1.57E-08
839	498760.1	3733612	1.58E-08
840	498760.2	3733602	1.59E-08
841	498760.2	3733592	1.59E-08
842	498760.3	3733582	1.60E-08
843	498760.3	3733572	1.61E-08
844	498760.4	3733563	1.62E-08
845	498760.4	3733553	1.63E-08
846	498760.5	3733543	1.64E-08
847	498760.5	3733533	1.65E-08
848	498760.6	3733523	1.66E-08
849	498760.7	3733513	1.67E-08
850	498760.7	3733504	1.69E-08
851	498760.8	3733494	1.70E-08
852	498760.8	3733484	1.71E-08
853	498760.9	3733474	1.73E-08
854	498760.9	3733464	1.74E-08
855	498761	3733455	1.75E-08
856	498761	3733445	1.77E-08
857	498761.1	3733435	1.78E-08
858	498757.7	3733791	1.52E-08
859	498754.1	3733800	1.54E-08
860	498750.5	3733809	1.56E-08
861	498718	3733886	1.72E-08
862	498705.7	3733898	1.80E-08
863	498697	3733902	1.86E-08
864	498688.4	3733905	1.92E-08
865	498779.5	3733730	1.40E-08
866	498779.6	3733720	1.40E-08
867	498779.6	3733710	1.40E-08
868	498779.7	3733700	1.40E-08
869	498779.7	3733691	1.40E-08
870	498779.8	3733681	1.40E-08
871	498779.8	3733671	1.41E-08
872	498779.9	3733661	1.41E-08
873	498779.9	3733651	1.41E-08
874	498780	3733641	1.41E-08
875	498780	3733632	1.42E-08
876	498780.1	3733622	1.42E-08
877	498780.1	3733612	1.42E-08
878	498780.2	3733602	1.43E-08
879	498780.2	3733592	1.43E-08
880	498780.3	3733582	1.44E-08
881	498780.3	3733573	1.45E-08
882	498780.4	3733563	1.45E-08
883	498780.4	3733553	1.46E-08

884	498780.5	3733543	1.47E-08
885	498780.5	3733533	1.48E-08
886	498780.6	3733523	1.49E-08
887	498780.7	3733514	1.50E-08
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892	498780.9	3733464	1.55E-08
893	498781	3733455	1.57E-08
894	498781	3733445	1.58E-08
895	498781.1	3733435	1.59E-08
896	498777	3733793	1.40E-08
897	498773.3	3733802	1.42E-08
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901	498758.3	3733838	1.49E-08
902	498754.6	3733847	1.51E-08
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906	498612.2	3733957	2.40E-08
907	498603.3	3733960	2.46E-08
908	498594.4	3733964	2.52E-08
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922	498800.1	3733612	1.29E-08
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925	498800.3	3733583	1.30E-08
926	498800.3	3733573	1.31E-08
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936	498800.9	3733474	1.39E-08
937	498800.9	3733465	1.40E-08
938	498801	3733455	1.41E-08
939	498801	3733445	1.42E-08
940	498801.1	3733435	1.43E-08
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944	498779.1	3733836	1.37E-08
945	498775.5	3733845	1.39E-08
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947	498768.1	3733862	1.42E-08
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953	498619.9	3733973	2.26E-08
954	498611.1	3733977	2.31E-08
955	498602.4	3733981	2.37E-08
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958	498819.6	3733710	1.17E-08
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962	498819.8	3733671	1.17E-08
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964	498819.9	3733651	1.17E-08
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973	498820.4	3733563	1.20E-08
974	498820.4	3733553	1.20E-08
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976	498820.5	3733533	1.21E-08
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983	498820.9	3733465	1.26E-08
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1002	498839.6	3733710	1.08E-08
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1006	498839.8	3733671	1.08E-08
1007	498839.9	3733661	1.08E-08
1008	498839.9	3733652	1.08E-08
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1016	498840.3	3733573	1.09E-08
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1103	498897.6	3733613	8.59E-09
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1222	499010.7	3733515	6.01E-09
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1227	499010.9	3733466	6.12E-09
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1236	499047.2	3733692	5.35E-09
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1238	499047.3	3733672	5.33E-09
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1240	499047.4	3733653	5.33E-09
1241	499047.5	3733643	5.32E-09
1242	499047.5	3733633	5.32E-09
1243	499047.6	3733623	5.32E-09
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1246	499047.7	3733594	5.32E-09
1247	499047.8	3733584	5.32E-09

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1249	499047.9	3733564	5.34E-09
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1252	499048	3733535	5.36E-09
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1381	499159.8	3733673	4.01E-09
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1662	499503.4	3733537	2.10E-09
1663	499503.4	3733527	2.10E-09

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1665	499551.9	3733762	1.96E-09
1666	499548.1	3733771	1.97E-09
1667	499544.3	3733780	1.99E-09
1668	499540.5	3733789	2.00E-09
1669	499536.7	3733798	2.02E-09
1670	499532.9	3733807	2.03E-09
1671	499529.1	3733816	2.05E-09
1672	499525.3	3733825	2.06E-09
1673	499521.5	3733834	2.08E-09
1674	499517.7	3733843	2.09E-09
1675	499513.9	3733852	2.11E-09
1676	499510.1	3733861	2.13E-09
1677	499506.3	3733870	2.14E-09
1678	499502.5	3733879	2.16E-09
1679	499498.7	3733888	2.18E-09
1680	499494.9	3733897	2.19E-09
1681	499491.1	3733906	2.21E-09
1682	499487.3	3733916	2.23E-09
1683	499483.5	3733925	2.24E-09
1684	499479.8	3733934	2.26E-09
1685	499476	3733943	2.28E-09
1686	499472.2	3733952	2.30E-09
1687	499468.4	3733961	2.32E-09
1688	499464.6	3733970	2.33E-09
1689	499460.8	3733979	2.35E-09
1690	499457	3733988	2.37E-09
1691	499453.2	3733997	2.39E-09
1692	499449.4	3734006	2.41E-09
1693	499445.6	3734015	2.43E-09
1694	499441.8	3734024	2.45E-09
1695	499438	3734033	2.46E-09
1696	499434.2	3734042	2.48E-09
1697	499430.4	3734051	2.50E-09
1698	499426.6	3734060	2.52E-09
1699	499422.8	3734069	2.54E-09
1700	499419	3734078	2.56E-09
1701	499415.2	3734087	2.58E-09
1702	499411.4	3734096	2.60E-09
1703	499407.7	3734105	2.62E-09
1704	499403.9	3734114	2.64E-09
1705	499320.4	3734313	3.11E-09
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1707	499312.8	3734331	3.15E-09
1708	499309	3734340	3.18E-09
1709	499305.2	3734349	3.20E-09
1710	499301.4	3734358	3.22E-09
1711	499297.6	3734367	3.24E-09
1712	499293.8	3734376	3.26E-09
1713	499290	3734385	3.29E-09
1714	499286.2	3734394	3.31E-09
1715	499282.4	3734404	3.33E-09

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1717	499274.8	3734422	3.37E-09
1718	499271	3734431	3.39E-09
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1722	499236.2	3734460	3.60E-09
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1724	499218.1	3734467	3.72E-09
1725	499559.4	3733744	1.93E-09
1726	499559.5	3733734	1.93E-09
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1731	499559.8	3733685	1.92E-09
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1738	499560.1	3733616	1.92E-09
1739	499560.2	3733606	1.92E-09
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1745	499560.5	3733547	1.92E-09
1746	499560.5	3733537	1.93E-09
1747	498601.2	3733425	6.45E-08
1748	498601.3	3733415	6.47E-08
1749	498601.4	3733406	6.47E-08
1750	498601.5	3733396	6.47E-08
1751	498601.7	3733387	6.47E-08
1752	498601.8	3733377	6.46E-08
1753	498601.9	3733368	6.45E-08
1754	498602	3733358	6.43E-08
1755	498602.1	3733349	6.41E-08
1756	498602.2	3733339	6.38E-08
1757	498602.3	3733330	6.35E-08
1758	498602.5	3733320	6.31E-08
1759	498602.6	3733311	6.27E-08
1760	498602.7	3733301	6.23E-08
1761	498611.2	3733425	5.79E-08
1762	498611.3	3733415	5.80E-08
1763	498611.4	3733406	5.81E-08
1764	498611.5	3733396	5.81E-08
1765	498611.6	3733387	5.81E-08
1766	498611.8	3733377	5.81E-08
1767	498611.9	3733368	5.80E-08

1768	498612	3733358	5.79E-08
1769	498612.1	3733349	5.77E-08
1770	498612.2	3733339	5.75E-08
1771	498612.3	3733330	5.73E-08
1772	498612.5	3733320	5.70E-08
1773	498612.6	3733311	5.67E-08
1774	498612.7	3733301	5.64E-08
1775	498621.2	3733425	5.22E-08
1776	498621.3	3733416	5.23E-08
1777	498621.4	3733406	5.25E-08
1778	498621.5	3733396	5.25E-08
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1781	498621.9	3733368	5.25E-08
1782	498622	3733358	5.25E-08
1783	498622.1	3733349	5.24E-08
1784	498622.2	3733339	5.22E-08
1785	498622.3	3733330	5.21E-08
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1787	498622.6	3733311	5.17E-08
1788	498622.7	3733301	5.14E-08
1789	498631.2	3733425	4.73E-08
1790	498631.3	3733416	4.75E-08
1791	498631.4	3733406	4.76E-08
1792	498631.5	3733397	4.77E-08
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1794	498631.8	3733378	4.78E-08
1795	498631.9	3733368	4.78E-08
1796	498632	3733359	4.78E-08
1797	498632.1	3733349	4.77E-08
1798	498632.2	3733340	4.77E-08
1799	498632.3	3733330	4.76E-08
1800	498632.5	3733321	4.75E-08
1801	498632.6	3733311	4.73E-08
1802	498632.7	3733302	4.72E-08
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1805	498641.4	3733406	4.34E-08
1806	498641.5	3733397	4.35E-08
1807	498641.6	3733387	4.36E-08
1808	498641.8	3733378	4.37E-08
1809	498641.9	3733368	4.37E-08
1810	498642	3733359	4.38E-08
1811	498642.1	3733349	4.37E-08
1812	498642.2	3733340	4.37E-08
1813	498642.3	3733330	4.37E-08
1814	498642.5	3733321	4.36E-08
1815	498642.6	3733311	4.35E-08
1816	498642.7	3733302	4.34E-08
1817	498651.3	3733416	3.96E-08
1818	498651.4	3733406	3.98E-08
1819	498651.5	3733397	3.99E-08

1820	498651.6	3733387	4.00E-08
1821	498651.8	3733378	4.01E-08
1822	498651.9	3733368	4.02E-08
1823	498652	3733359	4.02E-08
1824	498652.1	3733349	4.02E-08
1825	498652.2	3733340	4.03E-08
1826	498652.3	3733330	4.03E-08
1827	498652.5	3733321	4.02E-08
1828	498652.6	3733311	4.02E-08
1829	498652.7	3733302	4.02E-08
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1833	498661.6	3733387	3.68E-08
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1836	498662	3733359	3.71E-08
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1838	498662.2	3733340	3.72E-08
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1840	498662.5	3733321	3.72E-08
1841	498662.6	3733311	3.73E-08
1842	498662.7	3733302	3.73E-08
1843	498681.3	3733416	3.10E-08
1844	498681.4	3733407	3.12E-08
1845	498681.5	3733397	3.13E-08
1846	498681.6	3733388	3.15E-08
1847	498681.8	3733378	3.16E-08
1848	498681.9	3733369	3.17E-08
1849	498682	3733359	3.18E-08
1850	498682.1	3733350	3.19E-08
1851	498682.2	3733340	3.20E-08
1852	498682.3	3733331	3.21E-08
1853	498682.5	3733321	3.22E-08
1854	498682.6	3733312	3.23E-08
1855	498682.7	3733302	3.23E-08
1856	498701.3	3733416	2.67E-08
1857	498701.4	3733407	2.69E-08
1858	498701.5	3733397	2.71E-08
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1860	498701.8	3733378	2.74E-08
1861	498701.9	3733369	2.75E-08
1862	498702	3733359	2.76E-08
1863	498702.1	3733350	2.77E-08
1864	498702.2	3733340	2.79E-08
1865	498702.3	3733331	2.80E-08
1866	498702.5	3733321	2.81E-08
1867	498702.6	3733312	2.82E-08
1868	498702.7	3733302	2.83E-08
1869	498721.3	3733417	2.33E-08
1870	498721.4	3733407	2.34E-08
1871	498721.5	3733398	2.36E-08

1872	498721.6	3733388	2.37E-08
1873	498721.8	3733379	2.39E-08
1874	498721.9	3733369	2.40E-08
1875	498722	3733360	2.42E-08
1876	498722.1	3733350	2.43E-08
1877	498722.2	3733341	2.44E-08
1878	498722.3	3733331	2.46E-08
1879	498722.5	3733322	2.47E-08
1880	498722.6	3733312	2.48E-08
1881	498722.7	3733303	2.50E-08
1882	498741.3	3733417	2.04E-08
1883	498741.4	3733407	2.06E-08
1884	498741.5	3733398	2.07E-08
1885	498741.6	3733388	2.09E-08
1886	498741.8	3733379	2.10E-08
1887	498741.9	3733369	2.12E-08
1888	498742	3733360	2.13E-08
1889	498742.1	3733350	2.15E-08
1890	498742.2	3733341	2.16E-08
1891	498742.3	3733331	2.17E-08
1892	498742.5	3733322	2.19E-08
1893	498742.6	3733312	2.20E-08
1894	498742.7	3733303	2.22E-08
1895	498761.3	3733417	1.81E-08
1896	498761.4	3733408	1.82E-08
1897	498761.5	3733398	1.84E-08
1898	498761.6	3733389	1.85E-08
1899	498761.8	3733379	1.86E-08
1900	498761.9	3733370	1.88E-08
1901	498762	3733360	1.89E-08
1902	498762.1	3733351	1.91E-08
1903	498762.2	3733341	1.92E-08
1904	498762.3	3733332	1.93E-08
1905	498762.4	3733322	1.95E-08
1906	498762.6	3733313	1.96E-08
1907	498762.7	3733303	1.98E-08
1908	498781.3	3733417	1.61E-08
1909	498781.4	3733408	1.63E-08
1910	498781.5	3733398	1.64E-08
1911	498781.6	3733389	1.65E-08
1912	498781.8	3733379	1.67E-08
1913	498781.9	3733370	1.68E-08
1914	498782	3733360	1.69E-08
1915	498782.1	3733351	1.71E-08
1916	498782.2	3733341	1.72E-08
1917	498782.3	3733332	1.73E-08
1918	498782.4	3733322	1.75E-08
1919	498782.6	3733313	1.76E-08
1920	498782.7	3733303	1.77E-08
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1923	498801.5	3733399	1.47E-08

1924	498801.6	3733389	1.48E-08
1925	498801.8	3733380	1.50E-08
1926	498801.9	3733370	1.51E-08
1927	498802	3733361	1.52E-08
1928	498802.1	3733351	1.53E-08
1929	498802.2	3733342	1.55E-08
1930	498802.3	3733332	1.56E-08
1931	498802.4	3733323	1.57E-08
1932	498802.6	3733313	1.59E-08
1933	498802.7	3733304	1.60E-08
1934	498821.3	3733418	1.31E-08
1935	498821.4	3733408	1.32E-08
1936	498821.5	3733399	1.33E-08
1937	498821.6	3733389	1.34E-08
1938	498821.8	3733380	1.35E-08
1939	498821.9	3733370	1.36E-08
1940	498822	3733361	1.38E-08
1941	498822.1	3733351	1.39E-08
1942	498822.2	3733342	1.40E-08
1943	498822.3	3733332	1.41E-08
1944	498822.4	3733323	1.42E-08
1945	498822.6	3733313	1.44E-08
1946	498822.7	3733304	1.45E-08
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1949	498841.5	3733399	1.21E-08
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1951	498841.7	3733380	1.23E-08
1952	498841.9	3733371	1.24E-08
1953	498842	3733361	1.25E-08
1954	498842.1	3733352	1.26E-08
1955	498842.2	3733342	1.27E-08
1956	498842.3	3733333	1.28E-08
1957	498842.4	3733323	1.29E-08
1958	498842.6	3733314	1.31E-08
1959	498842.7	3733304	1.32E-08
1960	498861.3	3733418	1.09E-08
1961	498861.4	3733409	1.10E-08
1962	498861.5	3733399	1.10E-08
1963	498861.6	3733390	1.11E-08
1964	498861.7	3733380	1.12E-08
1965	498861.9	3733371	1.13E-08
1966	498862	3733361	1.14E-08
1967	498862.1	3733352	1.15E-08
1968	498862.2	3733342	1.16E-08
1969	498862.3	3733333	1.17E-08
1970	498862.4	3733323	1.18E-08
1971	498862.6	3733314	1.19E-08
1972	498862.7	3733304	1.20E-08
1973	498898.8	3733419	9.30E-09
1974	498898.9	3733409	9.36E-09
1975	498899	3733400	9.43E-09

1976	498899.1	3733390	9.50E-09
1977	498899.2	3733381	9.58E-09
1978	498899.4	3733371	9.66E-09
1979	498899.5	3733362	9.74E-09
1980	498899.6	3733352	9.82E-09
1981	498899.7	3733343	9.90E-09
1982	498899.8	3733333	9.99E-09
1983	498899.9	3733324	1.01E-08
1984	498900.1	3733314	1.02E-08
1985	498900.2	3733305	1.03E-08
1986	498936.3	3733419	8.06E-09
1987	498936.4	3733410	8.11E-09
1988	498936.5	3733400	8.17E-09
1989	498936.6	3733391	8.23E-09
1990	498936.7	3733381	8.29E-09
1991	498936.9	3733372	8.35E-09
1992	498937	3733362	8.42E-09
1993	498937.1	3733353	8.49E-09
1994	498937.2	3733343	8.56E-09
1995	498937.3	3733334	8.63E-09
1996	498937.4	3733324	8.70E-09
1997	498937.6	3733315	8.78E-09
1998	498937.7	3733305	8.86E-09
1999	498973.8	3733420	7.07E-09
2000	498973.9	3733410	7.11E-09
2001	498974	3733401	7.16E-09
2002	498974.1	3733391	7.21E-09
2003	498974.2	3733382	7.26E-09
2004	498974.4	3733372	7.31E-09
2005	498974.5	3733363	7.36E-09
2006	498974.6	3733353	7.42E-09
2007	498974.7	3733344	7.48E-09
2008	498974.8	3733334	7.54E-09
2009	498974.9	3733325	7.60E-09
2010	498975	3733315	7.67E-09
2011	498975.2	3733306	7.73E-09
2012	499011.3	3733420	6.27E-09
2013	499011.4	3733411	6.30E-09
2014	499011.5	3733401	6.34E-09
2015	499011.6	3733392	6.38E-09
2016	499011.7	3733382	6.42E-09
2017	499011.9	3733373	6.46E-09
2018	499012	3733363	6.51E-09
2019	499012.1	3733354	6.55E-09
2020	499012.2	3733344	6.60E-09
2021	499012.3	3733335	6.65E-09
2022	499012.4	3733325	6.71E-09
2023	499012.5	3733316	6.76E-09
2024	499012.7	3733306	6.82E-09
2025	499048.8	3733421	5.60E-09
2026	499048.9	3733411	5.63E-09
2027	499049	3733402	5.66E-09

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2030	499049.3	3733373	5.76E-09
2031	499049.5	3733364	5.80E-09
2032	499049.6	3733354	5.84E-09
2033	499049.7	3733345	5.88E-09
2034	499049.8	3733335	5.92E-09
2035	499049.9	3733326	5.97E-09
2036	499050	3733316	6.01E-09
2037	499050.2	3733307	6.06E-09
2038	499086.3	3733421	5.04E-09
2039	499086.4	3733412	5.07E-09
2040	499086.5	3733402	5.09E-09
2041	499086.6	3733393	5.12E-09
2042	499086.7	3733383	5.15E-09
2043	499086.8	3733374	5.18E-09
2044	499087	3733364	5.21E-09
2045	499087.1	3733355	5.24E-09
2046	499087.2	3733345	5.28E-09
2047	499087.3	3733336	5.31E-09
2048	499087.4	3733326	5.35E-09
2049	499123.8	3733422	4.57E-09
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2052	499124.1	3733393	4.64E-09
2053	499124.2	3733384	4.66E-09
2054	499124.3	3733374	4.69E-09
2055	499124.5	3733365	4.71E-09
2056	499124.6	3733355	4.74E-09
2057	499124.7	3733346	4.77E-09
2058	499124.8	3733336	4.80E-09
2059	499124.9	3733327	4.83E-09
2060	499161.3	3733422	4.17E-09
2061	499161.4	3733413	4.19E-09
2062	499161.5	3733403	4.20E-09
2063	499161.6	3733394	4.22E-09
2064	499161.7	3733384	4.24E-09
2065	499161.8	3733375	4.27E-09
2066	499162	3733365	4.29E-09
2067	499162.1	3733356	4.31E-09
2068	499162.2	3733346	4.34E-09
2069	499162.3	3733337	4.36E-09
2070	499162.4	3733327	4.39E-09
2071	499218.4	3733423	3.66E-09
2072	499218.5	3733413	3.67E-09
2073	499218.6	3733404	3.69E-09
2074	499218.7	3733394	3.70E-09
2075	499218.9	3733385	3.72E-09
2076	499219	3733375	3.74E-09
2077	499219.1	3733366	3.75E-09
2078	499219.2	3733356	3.77E-09
2079	499219.3	3733347	3.79E-09

2080	499275.5	3733423	3.24E-09
2081	499275.7	3733414	3.25E-09
2082	499275.8	3733404	3.26E-09
2083	499275.9	3733395	3.28E-09
2084	499276	3733385	3.29E-09
2085	499276.1	3733376	3.30E-09
2086	499332.7	3733424	2.89E-09
2087	499332.8	3733415	2.90E-09
2088	498602.6	3733290	6.19E-08
2089	498602.5	3733280	6.15E-08
2090	498602.3	3733271	6.10E-08
2091	498612.6	3733290	5.61E-08
2092	498612.5	3733280	5.58E-08
2093	498612.3	3733270	5.55E-08
2094	498622.6	3733290	5.12E-08
2095	498622.5	3733280	5.11E-08
2096	498622.3	3733270	5.09E-08
2097	498632.6	3733290	4.71E-08
2098	498632.4	3733280	4.70E-08
2099	498632.3	3733270	4.69E-08
2100	498642.6	3733290	4.34E-08
2101	498642.4	3733280	4.34E-08
2102	498642.3	3733270	4.33E-08
2103	498652.6	3733290	4.02E-08
2104	498652.4	3733280	4.02E-08
2105	498652.3	3733270	4.02E-08
2106	498662.6	3733290	3.73E-08
2107	498662.4	3733280	3.74E-08
2108	498662.3	3733270	3.74E-08
2109	498682.6	3733289	3.25E-08
2110	498682.4	3733279	3.26E-08
2111	498682.3	3733270	3.27E-08
2112	498702.6	3733289	2.85E-08
2113	498702.4	3733279	2.86E-08
2114	498702.3	3733269	2.88E-08
2115	498722.6	3733289	2.52E-08
2116	498722.4	3733279	2.53E-08
2117	498722.3	3733269	2.55E-08
2118	498742.6	3733289	2.24E-08
2119	498742.4	3733279	2.25E-08
2120	498742.3	3733269	2.27E-08
2121	498762.6	3733288	2.00E-08
2122	498762.4	3733279	2.02E-08
2123	498762.3	3733269	2.03E-08
2124	498782.6	3733288	1.80E-08
2125	498782.4	3733278	1.81E-08
2126	498782.3	3733268	1.83E-08
2127	498802.6	3733288	1.62E-08
2128	498802.4	3733278	1.64E-08
2129	498802.3	3733268	1.65E-08
2130	498822.6	3733288	1.47E-08
2131	498822.4	3733278	1.49E-08

2132	498822.3	3733268	1.50E-08
2133	498842.6	3733287	1.34E-08
2134	498842.4	3733278	1.35E-08
2135	498842.3	3733268	1.37E-08
2136	498862.6	3733287	1.23E-08
2137	498862.4	3733277	1.24E-08
2138	498862.3	3733267	1.25E-08
2139	498900.1	3733287	1.05E-08
2140	498899.9	3733277	1.06E-08
2141	498899.8	3733267	1.07E-08
2142	498937.7	3733296	8.94E-09
2143	498937.5	3733286	9.03E-09
2144	498937.4	3733276	9.13E-09
2145	498937.3	3733267	9.23E-09
2146	498975.2	3733296	7.81E-09
2147	498975	3733286	7.89E-09
2148	498974.9	3733276	7.97E-09
2149	498974.8	3733266	8.05E-09
2150	499012.7	3733295	6.88E-09
2151	499012.5	3733285	6.95E-09
2152	499012.4	3733275	7.02E-09
2153	499012.3	3733266	7.09E-09
2154	499050.2	3733295	6.12E-09
2155	499050	3733285	6.18E-09
2156	499049.9	3733275	6.24E-09
2157	499049.8	3733265	6.30E-09
2158	499218.8	3733214	4.18E-09
2159	499218.7	3733204	4.21E-09
2160	499276	3733213	3.67E-09
2161	499275.8	3733203	3.70E-09
2162	499333.1	3733212	3.25E-09
2163	499333	3733203	3.28E-09
2164	498224.8	3733031	5.23E-08
2165	498216.1	3733027	4.45E-08
2166	498207.3	3733023	3.82E-08
2167	498198.6	3733018	3.33E-08
2168	498189.8	3733014	2.96E-08
2169	498181.1	3733009	2.66E-08
2170	498172.3	3733005	2.43E-08
2171	498229.3	3733022	4.80E-08
2172	498220.6	3733018	4.20E-08
2173	498211.8	3733014	3.67E-08
2174	498203.1	3733009	3.25E-08
2175	498194.3	3733005	2.90E-08
2176	498185.6	3733000	2.62E-08
2177	498176.8	3732996	2.40E-08
2178	498233.8	3733013	4.47E-08
2179	498225.1	3733009	3.97E-08
2180	498216.3	3733005	3.53E-08
2181	498207.6	3733000	3.16E-08
2182	498198.8	3732996	2.84E-08
2183	498190.1	3732991	2.58E-08

2184	498181.3	3732987	2.36E-08
2185	498238.3	3733005	4.20E-08
2186	498229.6	3733000	3.78E-08
2187	498220.8	3732996	3.40E-08
2188	498212.1	3732991	3.07E-08
2189	498203.3	3732987	2.78E-08
2190	498194.6	3732983	2.54E-08
2191	498185.8	3732978	2.33E-08
2192	498242.8	3732996	3.97E-08
2193	498234.1	3732991	3.61E-08
2194	498225.3	3732987	3.28E-08
2195	498216.6	3732982	2.98E-08
2196	498207.8	3732978	2.72E-08
2197	498199.1	3732974	2.49E-08
2198	498190.3	3732969	2.30E-08
2199	498247.3	3732987	3.77E-08
2200	498238.6	3732982	3.45E-08
2201	498229.8	3732978	3.16E-08
2202	498221.1	3732973	2.89E-08
2203	498212.3	3732969	2.66E-08
2204	498203.6	3732965	2.44E-08
2205	498194.8	3732960	2.26E-08
2206	498251.8	3732978	3.60E-08
2207	498243.1	3732973	3.32E-08
2208	498234.3	3732969	3.05E-08
2209	498225.6	3732965	2.81E-08
2210	498216.8	3732960	2.59E-08
2211	498208.1	3732956	2.40E-08
2212	498199.3	3732951	2.22E-08
2213	498256.3	3732969	3.44E-08
2214	498247.5	3732964	3.19E-08
2215	498238.8	3732960	2.96E-08
2216	498230	3732956	2.74E-08
2217	498221.3	3732951	2.53E-08
2218	498212.5	3732947	2.35E-08
2219	498203.8	3732942	2.19E-08
2220	498260.8	3732960	3.31E-08
2221	498252	3732955	3.08E-08
2222	498243.3	3732951	2.86E-08
2223	498234.5	3732947	2.66E-08
2224	498225.8	3732942	2.48E-08
2225	498217	3732938	2.30E-08
2226	498208.3	3732933	2.15E-08
2227	498545.3	3733092	5.94E-08
2228	498536.5	3733087	6.03E-08
2229	498527.8	3733083	6.11E-08
2230	498265.3	3732951	3.18E-08
2231	498256.5	3732947	2.98E-08
2232	498247.8	3732942	2.78E-08
2233	498239	3732938	2.59E-08
2234	498230.3	3732933	2.42E-08
2235	498221.5	3732929	2.26E-08

2236	498212.8	3732925	2.11E-08
2237	498563	3733078	5.29E-08
2238	498554.3	3733074	5.38E-08
2239	498545.5	3733070	5.46E-08
2240	498536.8	3733065	5.52E-08
2241	498528	3733061	5.58E-08
2242	498519.3	3733056	5.62E-08
2243	498510.5	3733052	5.64E-08
2244	498501.8	3733048	5.66E-08
2245	498493	3733043	5.67E-08
2246	498484.3	3733039	5.66E-08
2247	498475.5	3733034	5.65E-08
2248	498466.8	3733030	5.63E-08
2249	498458	3733025	5.59E-08
2250	498449.3	3733021	5.55E-08
2251	498440.5	3733017	5.50E-08
2252	498431.8	3733012	5.44E-08
2253	498423	3733008	5.37E-08
2254	498414.3	3733003	5.29E-08
2255	498405.5	3732999	5.20E-08
2256	498396.8	3732995	5.11E-08
2257	498388	3732990	5.00E-08
2258	498379.3	3732986	4.89E-08
2259	498370.5	3732981	4.77E-08
2260	498361.8	3732977	4.64E-08
2261	498353	3732973	4.50E-08
2262	498344.3	3732968	4.35E-08
2263	498335.5	3732964	4.20E-08
2264	498326.8	3732959	4.03E-08
2265	498318	3732955	3.86E-08
2266	498309.3	3732951	3.69E-08
2267	498300.5	3732946	3.51E-08
2268	498291.8	3732942	3.33E-08
2269	498283	3732937	3.15E-08
2270	498274.3	3732933	2.97E-08
2271	498265.5	3732929	2.79E-08
2272	498256.8	3732924	2.62E-08
2273	498248	3732920	2.46E-08
2274	498239.3	3732915	2.31E-08
2275	498230.5	3732911	2.17E-08
2276	498221.8	3732907	2.04E-08
2277	498572	3733060	4.83E-08
2278	498563.3	3733056	4.91E-08
2279	498554.5	3733052	4.98E-08
2280	498545.8	3733047	5.04E-08
2281	498537	3733043	5.09E-08
2282	498528.3	3733038	5.12E-08
2283	498519.5	3733034	5.15E-08
2284	498510.8	3733030	5.16E-08
2285	498502	3733025	5.17E-08
2286	498493.3	3733021	5.16E-08
2287	498484.5	3733016	5.15E-08

2288	498475.8	3733012	5.13E-08
2289	498467	3733008	5.10E-08
2290	498458.3	3733003	5.06E-08
2291	498449.5	3732999	5.02E-08
2292	498440.8	3732994	4.96E-08
2293	498432	3732990	4.90E-08
2294	498423.3	3732986	4.83E-08
2295	498414.5	3732981	4.75E-08
2296	498405.8	3732977	4.66E-08
2297	498397	3732972	4.56E-08
2298	498388.3	3732968	4.46E-08
2299	498379.5	3732964	4.35E-08
2300	498370.8	3732959	4.24E-08
2301	498362	3732955	4.11E-08
2302	498353.3	3732950	3.98E-08
2303	498344.5	3732946	3.85E-08
2304	498335.8	3732942	3.70E-08
2305	498327	3732937	3.55E-08
2306	498318.3	3732933	3.40E-08
2307	498309.5	3732928	3.25E-08
2308	498300.8	3732924	3.09E-08
2309	498292	3732920	2.94E-08
2310	498283.3	3732915	2.78E-08
2311	498274.5	3732911	2.63E-08
2312	498265.8	3732906	2.49E-08
2313	498257	3732902	2.35E-08
2314	498248.3	3732898	2.21E-08
2315	498239.5	3732893	2.09E-08
2316	498230.8	3732889	1.97E-08
2317	498572.3	3733038	4.52E-08
2318	498563.5	3733034	4.58E-08
2319	498554.8	3733029	4.63E-08
2320	498546	3733025	4.67E-08
2321	498537.3	3733021	4.70E-08
2322	498528.5	3733016	4.72E-08
2323	498519.8	3733012	4.74E-08
2324	498511	3733007	4.74E-08
2325	498502.3	3733003	4.74E-08
2326	498493.5	3732999	4.73E-08
2327	498484.8	3732994	4.71E-08
2328	498476	3732990	4.68E-08
2329	498467.3	3732985	4.65E-08
2330	498458.5	3732981	4.60E-08
2331	498449.8	3732977	4.55E-08
2332	498441	3732972	4.50E-08
2333	498432.3	3732968	4.43E-08
2334	498423.5	3732963	4.36E-08
2335	498414.8	3732959	4.28E-08
2336	498406	3732955	4.20E-08
2337	498397.3	3732950	4.10E-08
2338	498388.5	3732946	4.00E-08
2339	498379.8	3732941	3.90E-08

2340	498371	3732937	3.79E-08
2341	498362.2	3732933	3.67E-08
2342	498353.5	3732928	3.55E-08
2343	498344.7	3732924	3.42E-08
2344	498336	3732919	3.29E-08
2345	498327.2	3732915	3.16E-08
2346	498318.5	3732911	3.03E-08
2347	498309.7	3732906	2.89E-08
2348	498301	3732902	2.75E-08
2349	498292.2	3732897	2.62E-08
2350	498283.5	3732893	2.49E-08
2351	498274.7	3732889	2.36E-08
2352	498266	3732884	2.24E-08
2353	498257.2	3732880	2.12E-08
2354	498248.5	3732875	2.01E-08
2355	498239.7	3732871	1.90E-08
2356	498563.7	3733012	4.27E-08
2357	498555	3733007	4.31E-08
2358	498546.2	3733003	4.34E-08
2359	498537.5	3732998	4.36E-08
2360	498528.7	3732994	4.37E-08
2361	498520	3732990	4.38E-08
2362	498511.2	3732985	4.37E-08
2363	498502.5	3732981	4.36E-08
2364	498493.7	3732976	4.35E-08
2365	498485	3732972	4.32E-08
2366	498476.2	3732967	4.29E-08
2367	498467.5	3732963	4.25E-08
2368	498458.7	3732959	4.20E-08
2369	498450	3732954	4.15E-08
2370	498441.2	3732950	4.09E-08
2371	498432.5	3732945	4.03E-08
2372	498423.7	3732941	3.96E-08
2373	498415	3732937	3.88E-08
2374	498406.2	3732932	3.80E-08
2375	498397.5	3732928	3.71E-08
2376	498388.7	3732923	3.61E-08
2377	498380	3732919	3.51E-08
2378	498371.2	3732915	3.41E-08
2379	498362.5	3732910	3.30E-08
2380	498353.7	3732906	3.19E-08
2381	498345	3732901	3.07E-08
2382	498336.2	3732897	2.95E-08
2383	498327.5	3732893	2.84E-08
2384	498318.7	3732888	2.72E-08
2385	498310	3732884	2.60E-08
2386	498301.2	3732879	2.48E-08
2387	498292.5	3732875	2.36E-08
2388	498283.7	3732871	2.25E-08
2389	498275	3732866	2.14E-08
2390	498266.2	3732862	2.04E-08
2391	498257.5	3732857	1.94E-08

2392	498248.7	3732853	1.84E-08
2393	498564	3732989	4.00E-08
2394	498555.2	3732985	4.02E-08
2395	498546.5	3732980	4.04E-08
2396	498537.7	3732976	4.05E-08
2397	498529	3732972	4.06E-08
2398	498520.2	3732967	4.05E-08
2399	498511.5	3732963	4.04E-08
2400	498502.7	3732958	4.03E-08
2401	498494	3732954	4.01E-08
2402	498485.2	3732950	3.98E-08
2403	498476.5	3732945	3.94E-08
2404	498467.7	3732941	3.90E-08
2405	498459	3732936	3.85E-08
2406	498450.2	3732932	3.80E-08
2407	498441.5	3732928	3.74E-08
2408	498432.7	3732923	3.68E-08
2409	498424	3732919	3.61E-08
2410	498415.2	3732914	3.53E-08
2411	498406.5	3732910	3.45E-08
2412	498397.7	3732906	3.36E-08
2413	498389	3732901	3.27E-08
2414	498380.2	3732897	3.18E-08
2415	498371.5	3732892	3.08E-08
2416	498362.7	3732888	2.98E-08
2417	498354	3732884	2.88E-08
2418	498345.2	3732879	2.77E-08
2419	498336.5	3732875	2.67E-08
2420	498327.7	3732870	2.56E-08
2421	498319	3732866	2.46E-08
2422	498310.2	3732862	2.35E-08
2423	498301.5	3732857	2.25E-08
2424	498292.7	3732853	2.15E-08
2425	498284	3732848	2.05E-08
2426	498275.2	3732844	1.96E-08
2427	498266.5	3732840	1.87E-08
2428	498257.7	3732835	1.78E-08
2429	498564.2	3732967	3.74E-08
2430	498555.5	3732963	3.76E-08
2431	498546.7	3732958	3.77E-08
2432	498538	3732954	3.77E-08
2433	498529.2	3732949	3.77E-08
2434	498520.5	3732945	3.76E-08
2435	498511.7	3732941	3.75E-08
2436	498503	3732936	3.73E-08
2437	498494.2	3732932	3.70E-08
2438	498485.5	3732927	3.67E-08
2439	498476.7	3732923	3.63E-08
2440	498468	3732919	3.59E-08
2441	498459.2	3732914	3.54E-08
2442	498450.5	3732910	3.49E-08
2443	498441.7	3732905	3.43E-08

2444	498433	3732901	3.36E-08
2445	498424.2	3732897	3.29E-08
2446	498415.5	3732892	3.22E-08
2447	498406.7	3732888	3.14E-08
2448	498398	3732883	3.06E-08
2449	498389.2	3732879	2.98E-08
2450	498380.5	3732875	2.89E-08
2451	498371.7	3732870	2.80E-08
2452	498363	3732866	2.71E-08
2453	498354.2	3732861	2.62E-08
2454	498345.5	3732857	2.52E-08
2455	498336.7	3732853	2.43E-08
2456	498328	3732848	2.33E-08
2457	498319.2	3732844	2.24E-08
2458	498310.5	3732839	2.15E-08
2459	498301.7	3732835	2.06E-08
2460	498293	3732831	1.97E-08
2461	498284.2	3732826	1.88E-08
2462	498275.5	3732822	1.80E-08
2463	498266.7	3732817	1.72E-08
2464	498564.5	3732945	3.51E-08
2465	498555.7	3732940	3.52E-08
2466	498547	3732936	3.52E-08
2467	498538.2	3732931	3.52E-08
2468	498529.5	3732927	3.51E-08
2469	498520.7	3732923	3.50E-08
2470	498512	3732918	3.48E-08
2471	498503.2	3732914	3.46E-08
2472	498494.5	3732909	3.43E-08
2473	498485.7	3732905	3.39E-08
2474	498477	3732901	3.35E-08
2475	498468.2	3732896	3.31E-08
2476	498459.5	3732892	3.26E-08
2477	498450.7	3732887	3.21E-08
2478	498442	3732883	3.15E-08
2479	498433.2	3732879	3.09E-08
2480	498424.4	3732874	3.02E-08
2481	498415.7	3732870	2.95E-08
2482	498406.9	3732865	2.88E-08
2483	498398.2	3732861	2.80E-08
2484	498389.4	3732857	2.72E-08
2485	498380.7	3732852	2.64E-08
2486	498371.9	3732848	2.56E-08
2487	498363.2	3732843	2.48E-08
2488	498354.4	3732839	2.39E-08
2489	498345.7	3732835	2.31E-08
2490	498336.9	3732830	2.22E-08
2491	498328.2	3732826	2.14E-08
2492	498319.4	3732821	2.05E-08
2493	498310.7	3732817	1.97E-08
2494	498301.9	3732813	1.89E-08
2495	498293.2	3732808	1.81E-08

2496	498284.4	3732804	1.74E-08
2497	498275.7	3732799	1.66E-08
2498	498564.7	3732922	3.30E-08
2499	498555.9	3732918	3.30E-08
2500	498547.2	3732914	3.30E-08
2501	498538.4	3732909	3.29E-08
2502	498529.7	3732905	3.28E-08
2503	498520.9	3732900	3.26E-08
2504	498512.2	3732896	3.24E-08
2505	498503.4	3732892	3.21E-08
2506	498494.7	3732887	3.18E-08
2507	498485.9	3732883	3.14E-08
2508	498477.2	3732878	3.10E-08
2509	498468.4	3732874	3.06E-08
2510	498459.7	3732870	3.01E-08
2511	498450.9	3732865	2.96E-08
2512	498442.2	3732861	2.90E-08
2513	498433.4	3732856	2.84E-08
2514	498424.7	3732852	2.78E-08
2515	498415.9	3732848	2.71E-08
2516	498407.2	3732843	2.64E-08
2517	498398.4	3732839	2.57E-08
2518	498389.7	3732834	2.50E-08
2519	498380.9	3732830	2.42E-08
2520	498372.2	3732826	2.35E-08
2521	498363.4	3732821	2.27E-08
2522	498354.7	3732817	2.19E-08
2523	498345.9	3732812	2.12E-08
2524	498337.2	3732808	2.04E-08
2525	498328.4	3732804	1.97E-08
2526	498319.7	3732799	1.89E-08
2527	498310.9	3732795	1.82E-08
2528	498302.2	3732790	1.75E-08
2529	498293.4	3732786	1.68E-08
2530	498284.7	3732782	1.61E-08
2531	498564.9	3732900	3.10E-08
2532	498556.2	3732896	3.10E-08
2533	498547.4	3732891	3.09E-08
2534	498538.7	3732887	3.08E-08
2535	498529.9	3732883	3.06E-08
2536	498521.2	3732878	3.04E-08
2537	498512.4	3732874	3.02E-08
2538	498503.7	3732869	2.99E-08
2539	498494.9	3732865	2.96E-08
2540	498486.2	3732861	2.92E-08
2541	498477.4	3732856	2.88E-08
2542	498468.7	3732852	2.83E-08
2543	498459.9	3732847	2.78E-08
2544	498451.2	3732843	2.73E-08
2545	498442.4	3732839	2.68E-08
2546	498433.7	3732834	2.62E-08
2547	498424.9	3732830	2.56E-08

2548	498416.2	3732825	2.50E-08
2549	498407.4	3732821	2.43E-08
2550	498398.7	3732817	2.37E-08
2551	498389.9	3732812	2.30E-08
2552	498381.2	3732808	2.23E-08
2553	498372.4	3732803	2.16E-08
2554	498363.7	3732799	2.09E-08
2555	498354.9	3732795	2.02E-08
2556	498346.2	3732790	1.95E-08
2557	498337.4	3732786	1.89E-08
2558	498328.7	3732781	1.82E-08
2559	498319.9	3732777	1.75E-08
2560	498311.2	3732773	1.69E-08
2561	498302.4	3732768	1.62E-08
2562	498293.7	3732764	1.56E-08
2563	498547.7	3732869	2.90E-08
2564	498538.9	3732865	2.89E-08
2565	498530.2	3732860	2.87E-08
2566	498521.4	3732856	2.84E-08
2567	498512.7	3732851	2.82E-08
2568	498503.9	3732847	2.79E-08
2569	498495.2	3732843	2.75E-08
2570	498486.4	3732838	2.71E-08
2571	498477.7	3732834	2.67E-08
2572	498468.9	3732829	2.63E-08
2573	498460.2	3732825	2.58E-08
2574	498451.4	3732821	2.53E-08
2575	498442.7	3732816	2.48E-08
2576	498433.9	3732812	2.43E-08
2577	498425.2	3732807	2.37E-08
2578	498416.4	3732803	2.31E-08
2579	498407.7	3732799	2.25E-08
2580	498398.9	3732794	2.19E-08
2581	498390.2	3732790	2.13E-08
2582	498381.4	3732785	2.06E-08
2583	498372.7	3732781	2.00E-08
2584	498363.9	3732777	1.94E-08
2585	498355.2	3732772	1.87E-08
2586	498346.4	3732768	1.81E-08
2587	498337.7	3732763	1.75E-08
2588	498328.9	3732759	1.69E-08
2589	498320.2	3732755	1.63E-08
2590	498311.4	3732750	1.57E-08
2591	498302.7	3732746	1.51E-08
2592	498720.4	3732917	2.29E-08
2593	498727.4	3732923	2.26E-08
2594	498734.5	3732930	2.23E-08
2595	498741.6	3732936	2.20E-08
2596	498748.7	3732943	2.16E-08
2597	498755.8	3732949	2.12E-08
2598	498713.3	3732910	2.31E-08
2599	498704.5	3732906	2.35E-08

2600	498695.8	3732902	2.39E-08
2601	498687	3732897	2.43E-08
2602	498398.3	3732752	1.90E-08
2603	498389.5	3732748	1.84E-08
2604	498380.8	3732743	1.79E-08
2605	498372	3732739	1.74E-08
2606	498363.3	3732734	1.68E-08
2607	498354.5	3732730	1.63E-08
2608	498345.8	3732726	1.58E-08
2609	498337	3732721	1.53E-08
2610	498328.3	3732717	1.48E-08
2611	498319.5	3732712	1.43E-08
2612	498737.2	3732883	2.10E-08
2613	498744.4	3732890	2.07E-08
2614	498751.5	3732896	2.05E-08
2615	498758.6	3732903	2.02E-08
2616	498765.7	3732909	1.99E-08
2617	498772.8	3732916	1.96E-08
2618	498780	3732922	1.93E-08
2619	498787.1	3732929	1.89E-08
2620	498794.2	3732935	1.86E-08
2621	498801.3	3732942	1.82E-08
2622	498808.4	3732948	1.79E-08
2623	498815.6	3732955	1.75E-08
2624	498730.1	3732877	2.12E-08
2625	498721.4	3732873	2.15E-08
2626	498712.6	3732868	2.18E-08
2627	498703.9	3732864	2.21E-08
2628	498695.1	3732859	2.24E-08
2629	498397.6	3732710	1.66E-08
2630	498388.9	3732705	1.62E-08
2631	498380.1	3732701	1.57E-08
2632	498371.4	3732696	1.53E-08
2633	498362.6	3732692	1.48E-08
2634	498353.9	3732688	1.44E-08
2635	498345.1	3732683	1.39E-08
2636	498336.4	3732679	1.35E-08
2637	498754.1	3732850	1.93E-08
2638	498761.3	3732856	1.91E-08
2639	498768.4	3732863	1.89E-08
2640	498775.6	3732869	1.87E-08
2641	498782.7	3732876	1.84E-08
2642	498789.9	3732883	1.82E-08
2643	498797	3732889	1.79E-08
2644	498804.2	3732896	1.76E-08
2645	498811.3	3732902	1.73E-08
2646	498818.5	3732909	1.70E-08
2647	498825.6	3732915	1.67E-08
2648	498832.8	3732922	1.63E-08
2649	498839.9	3732928	1.60E-08
2650	498847.1	3732935	1.57E-08
2651	498854.2	3732941	1.53E-08

2652	498861.4	3732948	1.50E-08
2653	498875.7	3732961	1.43E-08
2654	498747	3732843	1.95E-08
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2656	498729.5	3732835	2.00E-08
2657	498720.7	3732830	2.03E-08
2658	498712	3732826	2.05E-08
2659	498554.5	3732747	2.07E-08
2660	498545.7	3732742	2.05E-08
2661	498537	3732738	2.03E-08
2662	498528.2	3732733	2.00E-08
2663	498519.5	3732729	1.98E-08
2664	498510.7	3732725	1.95E-08
2665	498502	3732720	1.92E-08
2666	498493.2	3732716	1.89E-08
2667	498484.5	3732711	1.85E-08
2668	498475.7	3732707	1.82E-08
2669	498467	3732703	1.78E-08
2670	498458.2	3732698	1.74E-08
2671	498449.5	3732694	1.71E-08
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2673	498432	3732685	1.63E-08
2674	498423.2	3732681	1.59E-08
2675	498414.5	3732676	1.55E-08
2676	498405.7	3732672	1.51E-08
2677	498397	3732667	1.47E-08
2678	498388.2	3732663	1.43E-08
2679	498379.5	3732659	1.39E-08
2680	498370.7	3732654	1.35E-08
2681	498362	3732650	1.31E-08
2682	498353.2	3732645	1.28E-08
2683	498771	3732816	1.79E-08
2684	498778.2	3732823	1.77E-08
2685	498785.4	3732830	1.75E-08
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2691	498828.4	3732869	1.61E-08
2692	498835.6	3732875	1.59E-08
2693	498842.8	3732882	1.56E-08
2694	498849.9	3732888	1.53E-08
2695	498857.1	3732895	1.50E-08
2696	498864.3	3732902	1.47E-08
2697	498871.5	3732908	1.44E-08
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2699	498885.8	3732921	1.38E-08
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2701	498900.2	3732934	1.32E-08
2702	498907.4	3732941	1.29E-08
2703	498914.5	3732947	1.26E-08

2704	498921.7	3732954	1.23E-08
2705	498936.1	3732967	1.17E-08
2706	498763.8	3732810	1.80E-08
2707	498755.1	3732806	1.82E-08
2708	498746.3	3732801	1.85E-08
2709	498737.6	3732797	1.87E-08
2710	498728.8	3732792	1.89E-08
2711	498693.8	3732775	1.95E-08
2712	498685.1	3732770	1.96E-08
2713	498676.3	3732766	1.97E-08
2714	498667.6	3732762	1.97E-08
2715	498658.8	3732757	1.98E-08
2716	498650.1	3732753	1.98E-08
2717	498641.3	3732748	1.98E-08
2718	498632.6	3732744	1.98E-08
2719	498623.8	3732739	1.97E-08
2720	498615.1	3732735	1.97E-08
2721	498606.3	3732731	1.96E-08
2722	498597.6	3732726	1.95E-08
2723	498588.8	3732722	1.93E-08
2724	498580.1	3732717	1.92E-08
2725	498571.3	3732713	1.90E-08
2726	498562.6	3732709	1.88E-08
2727	498553.8	3732704	1.86E-08
2728	498545.1	3732700	1.84E-08
2729	498536.3	3732695	1.82E-08
2730	498527.6	3732691	1.79E-08
2731	498518.8	3732687	1.77E-08
2732	498510.1	3732682	1.74E-08
2733	498501.3	3732678	1.71E-08
2734	498492.6	3732673	1.68E-08
2735	498483.8	3732669	1.65E-08
2736	498475.1	3732665	1.62E-08
2737	498466.3	3732660	1.58E-08
2738	498457.6	3732656	1.55E-08
2739	498448.8	3732651	1.52E-08
2740	498440.1	3732647	1.48E-08
2741	498431.3	3732643	1.45E-08
2742	498422.6	3732638	1.41E-08
2743	498413.8	3732634	1.38E-08
2744	498405.1	3732629	1.35E-08
2745	498396.3	3732625	1.31E-08
2746	498387.6	3732621	1.28E-08
2747	498378.8	3732616	1.24E-08
2748	498370.1	3732612	1.21E-08
2749	498787.9	3732783	1.66E-08
2750	498795.1	3732790	1.64E-08
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2752	498809.5	3732803	1.61E-08
2753	498816.7	3732809	1.59E-08
2754	498823.9	3732816	1.57E-08
2755	498831.1	3732822	1.55E-08

2756	498838.3	3732829	1.53E-08
2757	498845.5	3732835	1.51E-08
2758	498852.7	3732842	1.49E-08
2759	498859.9	3732849	1.46E-08
2760	498867.1	3732855	1.44E-08
2761	498874.3	3732862	1.41E-08
2762	498881.5	3732868	1.39E-08
2763	498888.7	3732875	1.36E-08
2764	498895.9	3732881	1.33E-08
2765	498903.1	3732888	1.31E-08
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2768	498924.7	3732908	1.22E-08
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2770	498939.1	3732921	1.17E-08
2771	498946.3	3732927	1.14E-08
2772	498953.5	3732934	1.11E-08
2773	498960.7	3732940	1.09E-08
2774	498967.9	3732947	1.06E-08
2775	498780.7	3732776	1.67E-08
2776	498771.9	3732772	1.69E-08
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2778	498754.4	3732763	1.73E-08
2779	498745.7	3732759	1.74E-08
2780	498736.9	3732754	1.76E-08
2781	498710.7	3732741	1.79E-08
2782	498701.9	3732737	1.80E-08
2783	498693.2	3732732	1.81E-08
2784	498684.4	3732728	1.82E-08
2785	498675.7	3732724	1.82E-08
2786	498666.9	3732719	1.82E-08
2787	498658.2	3732715	1.82E-08
2788	498649.4	3732710	1.82E-08
2789	498640.7	3732706	1.81E-08
2790	498631.9	3732702	1.81E-08
2791	498623.2	3732697	1.80E-08
2792	498614.4	3732693	1.79E-08
2793	498605.7	3732688	1.78E-08
2794	498596.9	3732684	1.77E-08
2795	498588.2	3732680	1.75E-08
2796	498579.4	3732675	1.74E-08
2797	498570.7	3732671	1.72E-08
2798	498561.9	3732666	1.70E-08
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2804	498509.4	3732640	1.56E-08
2805	498500.7	3732636	1.53E-08
2806	498491.9	3732631	1.50E-08
2807	498483.2	3732627	1.48E-08

2808	498474.4	3732622	1.45E-08
2809	498465.7	3732618	1.42E-08
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2813	498430.7	3732600	1.30E-08
2814	498421.9	3732596	1.27E-08
2815	498413.2	3732592	1.24E-08
2816	498404.4	3732587	1.21E-08
2817	498395.7	3732583	1.18E-08
2818	498386.9	3732578	1.15E-08
2819	498804.7	3732749	1.54E-08
2820	498812	3732756	1.53E-08
2821	498819.2	3732763	1.52E-08
2822	498826.4	3732769	1.50E-08
2823	498833.6	3732776	1.49E-08
2824	498840.8	3732782	1.47E-08
2825	498848.1	3732789	1.45E-08
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2827	498862.5	3732802	1.42E-08
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2830	498884.1	3732822	1.35E-08
2831	498891.4	3732828	1.33E-08
2832	498898.6	3732835	1.31E-08
2833	498905.8	3732842	1.28E-08
2834	498913	3732848	1.26E-08
2835	498920.2	3732855	1.24E-08
2836	498927.5	3732861	1.21E-08
2837	498934.7	3732868	1.19E-08
2838	498941.9	3732875	1.16E-08
2839	498949.1	3732881	1.14E-08
2840	498956.3	3732888	1.11E-08
2841	498963.5	3732894	1.09E-08
2842	498970.8	3732901	1.06E-08
2843	498978	3732907	1.04E-08
2844	498985.2	3732914	1.02E-08
2845	498992.4	3732921	9.91E-09
2846	498999.6	3732927	9.67E-09
2847	499009.6	3732943	9.32E-09
2848	499012.4	3732952	9.20E-09
2849	499017.9	3732971	8.96E-09
2850	498797.5	3732743	1.55E-08
2851	498788.8	3732739	1.57E-08
2852	498780	3732734	1.59E-08
2853	498771.3	3732730	1.60E-08
2854	498762.5	3732725	1.62E-08
2855	498753.8	3732721	1.63E-08
2856	498727.5	3732708	1.66E-08
2857	498718.8	3732703	1.67E-08
2858	498710	3732699	1.67E-08
2859	498701.3	3732694	1.68E-08

2860	498692.5	3732690	1.68E-08
2861	498683.8	3732686	1.68E-08
2862	498675	3732681	1.68E-08
2863	498666.3	3732677	1.68E-08
2864	498657.5	3732672	1.67E-08
2865	498648.8	3732668	1.67E-08
2866	498640	3732664	1.66E-08
2867	498631.3	3732659	1.65E-08
2868	498622.5	3732655	1.64E-08
2869	498613.8	3732650	1.63E-08
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2874	498570	3732628	1.56E-08
2875	498561.3	3732624	1.54E-08
2876	498552.5	3732620	1.52E-08
2877	498543.8	3732615	1.50E-08
2878	498535	3732611	1.48E-08
2879	498526.3	3732606	1.45E-08
2880	498517.5	3732602	1.43E-08
2881	498508.8	3732598	1.41E-08
2882	498500	3732593	1.38E-08
2883	498491.3	3732589	1.36E-08
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2885	498473.8	3732580	1.30E-08
2886	498465	3732576	1.28E-08
2887	498456.3	3732571	1.25E-08
2888	498447.5	3732567	1.22E-08
2889	498438.8	3732562	1.20E-08
2890	498430	3732558	1.17E-08
2891	498421.3	3732554	1.14E-08
2892	498412.5	3732549	1.12E-08
2893	498403.8	3732545	1.09E-08
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2897	498843.3	3732736	1.41E-08
2898	498850.6	3732742	1.39E-08
2899	498857.8	3732749	1.38E-08
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2903	498886.7	3732775	1.31E-08
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2905	498901.2	3732789	1.28E-08
2906	498908.4	3732795	1.26E-08
2907	498915.7	3732802	1.24E-08
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2926	499046.9	3732942	8.33E-09
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3015	499049.4	3732875	8.53E-09

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3254	499262.3	3733157	3.95E-09
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3265	498830.1	3732547	1.17E-08
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3271	498777.6	3732521	1.18E-08
3272	498768.8	3732517	1.18E-08
3273	498760.1	3732512	1.18E-08
3274	498751.3	3732508	1.18E-08
3275	498742.6	3732503	1.18E-08

3276	498733.8	3732499	1.18E-08
3277	498725.1	3732495	1.17E-08
3278	498716.3	3732490	1.17E-08
3279	498707.6	3732486	1.16E-08
3280	498698.8	3732481	1.16E-08
3281	498690.1	3732477	1.15E-08
3282	498681.3	3732473	1.14E-08
3283	498672.6	3732468	1.13E-08
3284	498663.8	3732464	1.12E-08
3285	498655.1	3732459	1.11E-08
3286	498646.3	3732455	1.10E-08
3287	498637.6	3732451	1.09E-08
3288	498628.8	3732446	1.08E-08
3289	498620.1	3732442	1.07E-08
3290	498611.3	3732437	1.06E-08
3291	498602.6	3732433	1.05E-08
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3293	498585.1	3732424	1.02E-08
3294	498576.3	3732420	1.01E-08
3295	498567.6	3732415	9.92E-09
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3297	498550.1	3732407	9.64E-09
3298	498541.3	3732402	9.49E-09
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3301	498515.1	3732389	9.04E-09
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3303	498497.6	3732380	8.74E-09
3304	498488.8	3732376	8.59E-09
3305	498951.2	3732562	9.98E-09
3306	498958.3	3732568	9.91E-09
3307	498965.5	3732575	9.84E-09
3308	498972.6	3732581	9.76E-09
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3627	499402.6	3732676	4.02E-09
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3638	499439.5	3732784	3.52E-09
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3658	498941	3732283	7.77E-09
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3665	498879.7	3732253	7.78E-09
3666	498871	3732248	7.77E-09
3667	498862.2	3732244	7.75E-09
3668	498853.5	3732239	7.73E-09
3669	498844.7	3732235	7.71E-09
3670	498836	3732231	7.69E-09
3671	498827.2	3732226	7.66E-09
3672	498818.5	3732222	7.62E-09
3673	498809.7	3732217	7.59E-09
3674	498801	3732213	7.55E-09
3675	498792.2	3732209	7.51E-09
3676	498783.5	3732204	7.47E-09
3677	498774.7	3732200	7.42E-09
3678	498766	3732195	7.37E-09
3679	498757.2	3732191	7.32E-09
3680	498748.5	3732187	7.27E-09
3681	498739.7	3732182	7.21E-09
3682	498731	3732178	7.15E-09
3683	498163.9	3732997	2.19E-08
3684	498148.6	3732995	1.97E-08
3685	498159.5	3732988	2.05E-08
3686	498154.8	3732979	1.92E-08
3687	498170.3	3732979	2.11E-08
3688	498137.8	3732978	1.74E-08
3689	498149.9	3732971	1.81E-08
3690	498166	3732970	1.98E-08
3691	498128.4	3732977	1.64E-08

3692	498144.9	3732962	1.71E-08
3693	498161.5	3732962	1.86E-08
3694	498178.2	3732961	2.05E-08
3695	498118.8	3732976	1.56E-08
3696	498127.2	3732962	1.55E-08
3697	498139.8	3732954	1.61E-08
3698	498156.8	3732953	1.76E-08
3699	498173.8	3732952	1.92E-08
3700	498109.1	3732976	1.49E-08
3701	498117.6	3732961	1.48E-08
3702	498134.8	3732945	1.53E-08
3703	498152	3732945	1.66E-08
3704	498169.3	3732944	1.81E-08
3705	498186.5	3732943	1.99E-08
3706	498108	3732960	1.41E-08
3707	498116.6	3732945	1.40E-08
3708	498129.6	3732937	1.45E-08
3709	498147.1	3732936	1.58E-08
3710	498164.6	3732935	1.71E-08
3711	498182.1	3732935	1.87E-08
3712	498098.3	3732959	1.35E-08
3713	498107	3732944	1.34E-08
3714	498124.5	3732928	1.39E-08
3715	498142.2	3732927	1.50E-08
3716	498159.8	3732927	1.62E-08
3717	498177.5	3732926	1.77E-08
3718	498195.1	3732925	1.93E-08
3719	498083.2	3732950	1.24E-08
3720	498092	3732935	1.23E-08
3721	498096.4	3732927	1.23E-08
3722	498114.2	3732911	1.26E-08
3723	498132.2	3732910	1.36E-08
3724	498150.1	3732910	1.47E-08
3725	498168	3732909	1.59E-08
3726	498185.9	3732908	1.73E-08
3727	498203.8	3732907	1.88E-08
3728	498068	3732942	1.14E-08
3729	498072.5	3732934	1.14E-08
3730	498081.4	3732918	1.13E-08
3731	498090.4	3732902	1.13E-08
3732	498103.9	3732894	1.16E-08
3733	498113	3732894	1.20E-08
3734	498122	3732893	1.24E-08
3735	498131.1	3732893	1.29E-08
3736	498140.1	3732893	1.33E-08
3737	498149.2	3732892	1.38E-08
3738	498158.3	3732892	1.44E-08
3739	498167.3	3732891	1.49E-08
3740	498176.4	3732891	1.55E-08
3741	498185.4	3732891	1.62E-08
3742	498194.5	3732890	1.68E-08
3743	498203.6	3732890	1.75E-08

3744	498212.6	3732890	1.82E-08
3745	498221.7	3732889	1.90E-08
3746	498043.9	3732949	1.06E-08
3747	498048.4	3732941	1.06E-08
3748	498052.9	3732933	1.05E-08
3749	498057.4	3732925	1.05E-08
3750	498061.9	3732917	1.05E-08
3751	498070.9	3732901	1.05E-08
3752	498075.4	3732893	1.04E-08
3753	498079.9	3732885	1.04E-08
3754	498093.5	3732877	1.07E-08
3755	498102.7	3732877	1.11E-08
3756	498111.8	3732876	1.14E-08
3757	498121	3732876	1.18E-08
3758	498130.1	3732875	1.22E-08
3759	498139.2	3732875	1.27E-08
3760	498148.4	3732875	1.31E-08
3761	498157.5	3732874	1.36E-08
3762	498166.6	3732874	1.41E-08
3763	498175.8	3732874	1.46E-08
3764	498184.9	3732873	1.52E-08
3765	498194.1	3732873	1.58E-08
3766	498203.2	3732872	1.64E-08
3767	498212.3	3732872	1.70E-08
3768	498221.5	3732872	1.77E-08
3769	498230.6	3732871	1.84E-08
3770	498024.1	3732948	9.84E-09
3771	498028.6	3732940	9.83E-09
3772	498033.2	3732932	9.82E-09
3773	498037.7	3732924	9.81E-09
3774	498042.2	3732916	9.80E-09
3775	498046.8	3732908	9.78E-09
3776	498051.3	3732900	9.76E-09
3777	498055.8	3732892	9.74E-09
3778	498060.4	3732884	9.72E-09
3779	498064.9	3732876	9.70E-09
3780	498069.4	3732868	9.67E-09
3781	498083.2	3732860	9.93E-09
3782	498092.4	3732860	1.02E-08
3783	498101.6	3732859	1.06E-08
3784	498110.8	3732859	1.09E-08
3785	498120	3732858	1.13E-08
3786	498129.2	3732858	1.16E-08
3787	498138.4	3732858	1.20E-08
3788	498147.6	3732857	1.24E-08
3789	498156.8	3732857	1.29E-08
3790	498166	3732856	1.33E-08
3791	498175.2	3732856	1.38E-08
3792	498184.3	3732856	1.43E-08
3793	498193.5	3732855	1.49E-08
3794	498202.7	3732855	1.54E-08
3795	498211.9	3732855	1.60E-08

3796	498221.1	3732854	1.66E-08
3797	498230.3	3732854	1.72E-08
3798	498239.5	3732853	1.78E-08
3799	498004.3	3732948	9.19E-09
3800	498008.9	3732940	9.19E-09
3801	498013.4	3732932	9.18E-09
3802	498018	3732924	9.17E-09
3803	498022.5	3732916	9.16E-09
3804	498027.1	3732908	9.15E-09
3805	498031.6	3732900	9.14E-09
3806	498036.2	3732892	9.12E-09
3807	498040.8	3732883	9.10E-09
3808	498045.3	3732875	9.08E-09
3809	498049.9	3732867	9.06E-09
3810	498054.4	3732859	9.04E-09
3811	498059	3732851	9.02E-09
3812	498072.8	3732843	9.25E-09
3813	498082	3732842	9.52E-09
3814	498091.3	3732842	9.80E-09
3815	498100.5	3732842	1.01E-08
3816	498109.8	3732841	1.04E-08
3817	498119	3732841	1.07E-08
3818	498128.3	3732841	1.11E-08
3819	498137.5	3732840	1.14E-08
3820	498146.8	3732840	1.18E-08
3821	498156	3732839	1.22E-08
3822	498165.3	3732839	1.26E-08
3823	498174.5	3732839	1.31E-08
3824	498183.7	3732838	1.35E-08
3825	498193	3732838	1.40E-08
3826	498202.2	3732837	1.45E-08
3827	498211.5	3732837	1.50E-08
3828	498220.7	3732837	1.56E-08
3829	498230	3732836	1.61E-08
3830	498239.2	3732836	1.67E-08
3831	498248.5	3732836	1.72E-08
3832	497984.5	3732947	8.61E-09
3833	498016.5	3732891	8.56E-09
3834	498021.1	3732883	8.55E-09
3835	498025.7	3732875	8.53E-09
3836	498030.2	3732867	8.52E-09
3837	498034.8	3732858	8.50E-09
3838	498039.4	3732850	8.48E-09
3839	498044	3732842	8.46E-09
3840	498048.5	3732834	8.44E-09
3841	498062.4	3732826	8.65E-09
3842	498071.7	3732825	8.89E-09
3843	498081	3732825	9.14E-09
3844	498090.3	3732825	9.40E-09
3845	498099.6	3732824	9.68E-09
3846	498108.8	3732824	9.97E-09
3847	498118.1	3732823	1.03E-08

3848	498127.4	3732823	1.06E-08
3849	498136.7	3732823	1.09E-08
3850	498146	3732822	1.13E-08
3851	498155.3	3732822	1.16E-08
3852	498164.6	3732822	1.20E-08
3853	498173.8	3732821	1.24E-08
3854	498183.1	3732821	1.28E-08
3855	498192.4	3732820	1.33E-08
3856	498201.7	3732820	1.37E-08
3857	498211	3732820	1.42E-08
3858	498220.3	3732819	1.47E-08
3859	498229.6	3732819	1.52E-08
3860	498238.8	3732818	1.57E-08
3861	498248.1	3732818	1.62E-08
3862	498257.4	3732818	1.67E-08
3863	498024.3	3732842	7.98E-09
3864	498028.9	3732833	7.96E-09
3865	498033.5	3732825	7.94E-09
3866	498038.1	3732817	7.92E-09
3867	498052	3732809	8.11E-09
3868	498061.3	3732808	8.32E-09
3869	498070.7	3732808	8.55E-09
3870	498080	3732808	8.78E-09
3871	498089.3	3732807	9.03E-09
3872	498098.6	3732807	9.28E-09
3873	498107.9	3732806	9.55E-09
3874	498117.3	3732806	9.83E-09
3875	498126.6	3732806	1.01E-08
3876	498135.9	3732805	1.04E-08
3877	498145.2	3732805	1.08E-08
3878	498154.5	3732804	1.11E-08
3879	498163.9	3732804	1.15E-08
3880	498173.2	3732804	1.18E-08
3881	498182.5	3732803	1.22E-08
3882	498191.8	3732803	1.26E-08
3883	498201.1	3732803	1.30E-08
3884	498210.5	3732802	1.34E-08
3885	498219.8	3732802	1.39E-08
3886	498229.1	3732801	1.43E-08
3887	498238.4	3732801	1.48E-08
3888	498247.7	3732801	1.52E-08
3889	498257.1	3732800	1.57E-08
3890	498266.4	3732800	1.62E-08
3891	498027.7	3732800	7.46E-09
3892	498041.6	3732792	7.62E-09
3893	498051	3732791	7.82E-09
3894	498060.3	3732791	8.02E-09
3895	498069.7	3732790	8.23E-09
3896	498079	3732790	8.45E-09
3897	498088.4	3732790	8.68E-09
3898	498097.7	3732789	8.92E-09
3899	498107.1	3732789	9.17E-09

3900	498116.4	3732789	9.43E-09
3901	498125.7	3732788	9.70E-09
3902	498135.1	3732788	9.99E-09
3903	498144.4	3732787	1.03E-08
3904	498153.8	3732787	1.06E-08
3905	498163.1	3732787	1.09E-08
3906	498172.5	3732786	1.13E-08
3907	498181.8	3732786	1.16E-08
3908	498191.2	3732785	1.20E-08
3909	498200.5	3732785	1.24E-08
3910	498209.9	3732785	1.27E-08
3911	498219.2	3732784	1.31E-08
3912	498228.6	3732784	1.35E-08
3913	498237.9	3732784	1.40E-08
3914	498247.3	3732783	1.44E-08
3915	498256.6	3732783	1.48E-08
3916	498266	3732782	1.52E-08
3917	498275.3	3732782	1.57E-08
3918	498012.6	3732791	7.05E-09
3919	498017.2	3732783	7.03E-09
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3921	498040.6	3732774	7.36E-09
3922	498050	3732774	7.54E-09
3923	498059.3	3732773	7.73E-09
3924	498068.7	3732773	7.93E-09
3925	498078.1	3732773	8.14E-09
3926	498087.4	3732772	8.35E-09
3927	498096.8	3732772	8.58E-09
3928	498106.2	3732771	8.81E-09
3929	498115.6	3732771	9.05E-09
3930	498124.9	3732771	9.31E-09
3931	498134.3	3732770	9.58E-09
3932	498143.7	3732770	9.85E-09
3933	498153.1	3732770	1.01E-08
3934	498162.4	3732769	1.04E-08
3935	498171.8	3732769	1.08E-08
3936	498181.2	3732768	1.11E-08
3937	498190.6	3732768	1.14E-08
3938	498199.9	3732768	1.18E-08
3939	498209.3	3732767	1.21E-08
3940	498218.7	3732767	1.25E-08
3941	498228.1	3732766	1.28E-08
3942	498237.4	3732766	1.32E-08
3943	498246.8	3732766	1.36E-08
3944	498256.2	3732765	1.40E-08
3945	498265.5	3732765	1.44E-08
3946	498274.9	3732764	1.48E-08
3947	498284.3	3732764	1.52E-08
3948	497997.5	3732782	6.68E-09
3949	498002.1	3732774	6.67E-09
3950	498006.8	3732766	6.65E-09
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3953	498039.6	3732757	7.11E-09
3954	498049	3732756	7.29E-09
3955	498058.4	3732756	7.46E-09
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3964	498142.9	3732752	9.45E-09
3965	498152.3	3732752	9.72E-09
3966	498161.7	3732752	9.99E-09
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3968	498180.5	3732751	1.06E-08
3969	498189.9	3732751	1.09E-08
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3971	498208.7	3732750	1.15E-08
3972	498218.1	3732749	1.19E-08
3973	498227.5	3732749	1.22E-08
3974	498236.9	3732749	1.26E-08
3975	498246.3	3732748	1.29E-08
3976	498255.7	3732748	1.33E-08
3977	498265.1	3732747	1.36E-08
3978	498274.5	3732747	1.40E-08
3979	498283.9	3732747	1.44E-08
3980	498293.3	3732746	1.48E-08
3981	497968.1	3732768	6.08E-09
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3983	497977.6	3732751	6.06E-09
3984	497982.3	3732743	6.04E-09
3985	497987.1	3732734	6.03E-09
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3987	498011.1	3732725	6.28E-09
3988	498020.8	3732725	6.42E-09
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3993	498068.9	3732723	7.22E-09
3994	498078.6	3732722	7.40E-09
3995	498088.2	3732722	7.59E-09
3996	498097.9	3732722	7.78E-09
3997	498107.5	3732721	7.98E-09
3998	498117.1	3732721	8.19E-09
3999	498126.8	3732720	8.41E-09
4000	498136.4	3732720	8.64E-09
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4002	498155.7	3732719	9.12E-09
4003	498165.3	3732719	9.37E-09

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4006	498194.2	3732718	1.02E-08
4007	498203.9	3732717	1.05E-08
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4009	498223.1	3732716	1.11E-08
4010	498232.8	3732716	1.14E-08
4011	498242.4	3732716	1.17E-08
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4013	498261.7	3732715	1.23E-08
4014	498271.3	3732714	1.26E-08
4015	498281	3732714	1.30E-08
4016	498290.6	3732714	1.33E-08
4017	498300.2	3732713	1.36E-08
4018	498309.9	3732713	1.40E-08
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4023	497958.1	3732719	5.52E-09
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4025	497967.6	3732702	5.49E-09
4026	497981.9	3732693	5.59E-09
4027	497991.5	3732693	5.71E-09
4028	498001	3732693	5.83E-09
4029	498010.6	3732692	5.95E-09
4030	498020.2	3732692	6.08E-09
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4032	498039.4	3732691	6.35E-09
4033	498048.9	3732691	6.49E-09
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4036	498077.7	3732690	6.96E-09
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4038	498096.8	3732689	7.30E-09
4039	498106.4	3732688	7.48E-09
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4041	498125.6	3732688	7.85E-09
4042	498135.2	3732687	8.05E-09
4043	498144.7	3732687	8.26E-09
4044	498154.3	3732686	8.47E-09
4045	498163.9	3732686	8.70E-09
4046	498173.5	3732686	8.92E-09
4047	498183.1	3732685	9.16E-09
4048	498192.6	3732685	9.40E-09
4049	498202.2	3732684	9.65E-09
4050	498211.8	3732684	9.90E-09
4051	498221.4	3732684	1.02E-08
4052	498231	3732683	1.04E-08
4053	498240.5	3732683	1.07E-08
4054	498250.1	3732682	1.10E-08
4055	498259.7	3732682	1.12E-08

4056	498269.3	3732682	1.15E-08
4057	498278.9	3732681	1.18E-08
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4059	498298	3732680	1.24E-08
4060	498307.6	3732680	1.27E-08
4061	498317.2	3732680	1.29E-08
4062	498326.8	3732679	1.32E-08
4063	497910.4	3732737	5.12E-09
4064	497915.1	3732728	5.11E-09
4065	497919.8	3732720	5.10E-09
4066	497924.5	3732712	5.09E-09
4067	497929.2	3732703	5.08E-09
4068	497933.9	3732695	5.07E-09
4069	497938.6	3732687	5.06E-09
4070	497943.3	3732678	5.05E-09
4071	497948	3732670	5.04E-09
4072	497962.3	3732661	5.12E-09
4073	497971.8	3732661	5.22E-09
4074	497981.3	3732661	5.32E-09
4075	497990.9	3732660	5.43E-09
4076	498000.4	3732660	5.54E-09
4077	498009.9	3732660	5.65E-09
4078	498019.5	3732659	5.76E-09
4079	498029	3732659	5.88E-09
4080	498038.6	3732658	6.01E-09
4081	498048.1	3732658	6.14E-09
4082	498057.6	3732658	6.27E-09
4083	498067.2	3732657	6.41E-09
4084	498076.7	3732657	6.56E-09
4085	498086.2	3732656	6.71E-09
4086	498095.8	3732656	6.86E-09
4087	498105.3	3732656	7.02E-09
4088	498114.8	3732655	7.19E-09
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4090	498133.9	3732654	7.53E-09
4091	498143.4	3732654	7.72E-09
4092	498153	3732654	7.91E-09
4093	498162.5	3732653	8.10E-09
4094	498172	3732653	8.30E-09
4095	498181.6	3732652	8.51E-09
4096	498191.1	3732652	8.72E-09
4097	498200.6	3732652	8.93E-09
4098	498210.2	3732651	9.15E-09
4099	498219.7	3732651	9.38E-09
4100	498229.3	3732650	9.61E-09
4101	498238.8	3732650	9.85E-09
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4103	498257.9	3732649	1.03E-08
4104	498267.4	3732649	1.06E-08
4105	498276.9	3732648	1.08E-08
4106	498286.5	3732648	1.11E-08
4107	498296	3732648	1.13E-08

4108	498305.5	3732647	1.16E-08
4109	498315.1	3732647	1.18E-08
4110	498324.6	3732647	1.21E-08
4111	498334.1	3732646	1.23E-08
4112	498343.7	3732646	1.25E-08
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4114	497886.4	3732713	4.72E-09
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4118	497905.1	3732680	4.69E-09
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4146	498151.6	3732621	7.40E-09
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4149	498180.1	3732620	7.93E-09
4150	498189.6	3732619	8.12E-09
4151	498199.1	3732619	8.31E-09
4152	498208.6	3732619	8.50E-09
4153	498218.1	3732618	8.70E-09
4154	498227.6	3732618	8.90E-09
4155	498237.1	3732617	9.11E-09
4156	498246.6	3732617	9.32E-09
4157	498256.1	3732617	9.53E-09
4158	498265.6	3732616	9.74E-09
4159	498275.1	3732616	9.96E-09

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4172	497867	3732680	4.37E-09
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4174	497876.3	3732664	4.35E-09
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4176	497885.6	3732647	4.34E-09
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4179	497899.6	3732623	4.31E-09
4180	497904.3	3732614	4.30E-09
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4184	497942	3732597	4.51E-09
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4189	497989.4	3732595	4.92E-09
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4192	498017.7	3732594	5.21E-09
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4204	498131.3	3732589	6.65E-09
4205	498140.8	3732589	6.80E-09
4206	498150.3	3732588	6.95E-09
4207	498159.7	3732588	7.10E-09
4208	498169.2	3732587	7.26E-09
4209	498178.7	3732587	7.42E-09
4210	498188.1	3732587	7.59E-09
4211	498197.6	3732586	7.75E-09

4212	498207.1	3732586	7.93E-09
4213	498216.5	3732585	8.10E-09
4214	498226	3732585	8.28E-09
4215	498235.5	3732585	8.47E-09
4216	498244.9	3732584	8.65E-09
4217	498254.4	3732584	8.84E-09
4218	498263.9	3732583	9.03E-09
4219	498273.3	3732583	9.22E-09
4220	498282.8	3732583	9.41E-09
4221	498292.3	3732582	9.60E-09
4222	498301.7	3732582	9.80E-09
4223	498311.2	3732581	9.99E-09
4224	498320.6	3732581	1.02E-08
4225	498330.1	3732581	1.04E-08
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4228	498358.5	3732580	1.09E-08
4229	498368	3732579	1.11E-08
4230	498377.4	3732579	1.13E-08
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4232	497827.7	3732683	4.09E-09
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4236	497846.7	3732650	4.06E-09
4237	497851.4	3732641	4.05E-09
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4263	498067.2	3732559	5.49E-09

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4269	498124.9	3732556	6.20E-09
4270	498134.5	3732556	6.33E-09
4271	498144.1	3732556	6.47E-09
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4273	498163.3	3732555	6.75E-09
4274	498173	3732554	6.90E-09
4275	498182.6	3732554	7.05E-09
4276	498192.2	3732554	7.20E-09
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4278	498211.4	3732553	7.51E-09
4279	498221	3732552	7.68E-09
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4284	498269.1	3732550	8.52E-09
4285	498278.7	3732550	8.69E-09
4286	498288.4	3732550	8.87E-09
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4288	498307.6	3732549	9.23E-09
4289	498317.2	3732548	9.40E-09
4290	498326.8	3732548	9.58E-09
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4301	497808.4	3732651	3.81E-09
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4305	497827.3	3732617	3.78E-09
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4308	497841.5	3732592	3.76E-09
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4311	497855.6	3732567	3.74E-09
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4313	497865.1	3732551	3.72E-09
4314	497869.8	3732542	3.72E-09
4315	497884.1	3732533	3.77E-09

4316	497893.7	3732533	3.82E-09
4317	497903.3	3732533	3.88E-09
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4329	498018.2	3732528	4.75E-09
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4340	498123.6	3732524	5.87E-09
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4345	498171.5	3732522	6.49E-09
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4352	498238.6	3732519	7.49E-09
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4363	498344	3732515	9.21E-09
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4367	498382.3	3732513	9.82E-09

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4376	497784.4	3732627	3.57E-09
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4418	498122.3	3732491	5.56E-09
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4421	498151	3732490	5.89E-09
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4439	498322.9	3732483	8.29E-09
4440	498332.4	3732482	8.43E-09
4441	498342	3732482	8.57E-09
4442	498351.5	3732481	8.71E-09
4443	498361.1	3732481	8.85E-09
4444	498370.6	3732481	8.99E-09
4445	498380.2	3732480	9.13E-09
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4447	498399.3	3732479	9.39E-09
4448	498408.8	3732479	9.52E-09
4449	498418.4	3732479	9.65E-09
4450	498427.9	3732478	9.77E-09
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4452	497721.9	3732636	3.27E-09
4453	497726.6	3732627	3.26E-09
4454	497731.3	3732619	3.26E-09
4455	497736	3732611	3.26E-09
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4457	497745.4	3732594	3.25E-09
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4459	497754.8	3732578	3.23E-09
4460	497759.5	3732569	3.23E-09
4461	497764.1	3732561	3.22E-09
4462	497768.8	3732553	3.22E-09
4463	497773.5	3732544	3.21E-09
4464	497778.2	3732536	3.21E-09
4465	497782.9	3732528	3.20E-09
4466	497787.6	3732519	3.19E-09
4467	497792.3	3732511	3.19E-09
4468	497797	3732503	3.18E-09
4469	497801.7	3732495	3.18E-09
4470	497806.4	3732486	3.17E-09
4471	497811.1	3732478	3.17E-09

4472	497815.8	3732470	3.16E-09
4473	497820.5	3732461	3.15E-09
4474	497834.7	3732453	3.19E-09
4475	497844.2	3732452	3.23E-09
4476	497853.7	3732452	3.28E-09
4477	497863.2	3732452	3.32E-09
4478	497872.8	3732451	3.37E-09
4479	497882.3	3732451	3.42E-09
4480	497891.8	3732450	3.47E-09
4481	497901.3	3732450	3.52E-09
4482	497910.9	3732450	3.57E-09
4483	497920.4	3732449	3.62E-09
4484	497929.9	3732449	3.68E-09
4485	497939.4	3732448	3.73E-09
4486	497948.9	3732448	3.79E-09
4487	497958.5	3732448	3.85E-09
4488	497968	3732447	3.91E-09
4489	497977.5	3732447	3.97E-09
4490	497987	3732446	4.04E-09
4491	497996.6	3732446	4.10E-09
4492	498006.1	3732446	4.17E-09
4493	498015.6	3732445	4.24E-09
4494	498025.1	3732445	4.31E-09
4495	498034.6	3732444	4.39E-09
4496	498044.2	3732444	4.46E-09
4497	498053.7	3732444	4.54E-09
4498	498063.2	3732443	4.62E-09
4499	498072.7	3732443	4.70E-09
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4501	498091.8	3732442	4.87E-09
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4505	498129.9	3732441	5.24E-09
4506	498139.4	3732440	5.33E-09
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4508	498158.4	3732439	5.53E-09
4509	498168	3732439	5.64E-09
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4511	498187	3732438	5.85E-09
4512	498196.5	3732438	5.96E-09
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4514	498215.6	3732437	6.18E-09
4515	498225.1	3732437	6.29E-09
4516	498234.6	3732436	6.41E-09
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4521	498282.2	3732434	7.00E-09
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4558	497757.4	3732471	2.92E-09
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4587	498007.3	3732396	3.93E-09
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4595	498084.3	3732392	4.49E-09
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4597	498103.6	3732392	4.65E-09
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4599	498122.8	3732391	4.81E-09
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4601	498142.1	3732390	4.98E-09
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4604	498171	3732389	5.26E-09
4605	498180.6	3732388	5.35E-09
4606	498190.2	3732388	5.44E-09
4607	498199.9	3732388	5.54E-09
4608	498209.5	3732387	5.64E-09
4609	498219.1	3732387	5.74E-09
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4611	498238.4	3732386	5.94E-09
4612	498248	3732386	6.04E-09
4613	498257.7	3732385	6.15E-09
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4622	498344.3	3732382	7.11E-09
4623	498354	3732381	7.22E-09
4624	498363.6	3732381	7.33E-09
4625	498373.2	3732381	7.43E-09
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4627	498392.5	3732380	7.64E-09

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4631	498431	3732378	8.04E-09
4632	498440.7	3732378	8.14E-09
4633	498450.3	3732377	8.23E-09
4634	498459.9	3732377	8.33E-09
4635	498469.6	3732377	8.42E-09
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4639	497637.8	3732581	2.75E-09
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4642	497652	3732556	2.74E-09
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4644	497661.5	3732540	2.74E-09
4645	497666.2	3732531	2.73E-09
4646	497670.9	3732523	2.73E-09
4647	497675.6	3732515	2.73E-09
4648	497680.4	3732506	2.72E-09
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4653	497704	3732464	2.70E-09
4654	497708.8	3732456	2.69E-09
4655	497713.5	3732448	2.69E-09
4656	497718.2	3732439	2.69E-09
4657	497723	3732431	2.68E-09
4658	497727.7	3732423	2.68E-09
4659	497732.4	3732414	2.67E-09
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4662	497746.6	3732389	2.66E-09
4663	497751.4	3732381	2.65E-09
4664	497756.1	3732372	2.65E-09
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4667	497784.8	3732355	2.70E-09
4668	497794.4	3732354	2.74E-09
4669	497804	3732354	2.77E-09
4670	497813.6	3732354	2.80E-09
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4672	497832.8	3732353	2.88E-09
4673	497842.4	3732352	2.91E-09
4674	497852	3732352	2.95E-09
4675	497861.6	3732352	2.99E-09
4676	497871.2	3732351	3.03E-09
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4678	497890.4	3732350	3.11E-09
4679	497900	3732350	3.15E-09

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4685	497957.6	3732348	3.43E-09
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4687	497976.8	3732347	3.53E-09
4688	497986.4	3732347	3.59E-09
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4690	498005.6	3732346	3.70E-09
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4694	498044	3732344	3.94E-09
4695	498053.6	3732344	4.00E-09
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4697	498072.8	3732343	4.13E-09
4698	498082.4	3732343	4.20E-09
4699	498092	3732342	4.27E-09
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4703	498130.4	3732341	4.56E-09
4704	498140	3732340	4.63E-09
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4707	498168.8	3732339	4.87E-09
4708	498178.4	3732339	4.95E-09
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4713	498226.4	3732337	5.38E-09
4714	498236	3732336	5.47E-09
4715	498245.6	3732336	5.56E-09
4716	498255.3	3732335	5.65E-09
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4723	498322.5	3732333	6.31E-09
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4725	498341.7	3732332	6.50E-09
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4730	498389.7	3732330	6.96E-09
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4756	497698	3732374	2.47E-09
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4758	497707.4	3732357	2.46E-09
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4779	497889	3732301	2.95E-09
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4781	497908.1	3732300	3.03E-09
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4783	497927.3	3732299	3.11E-09

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4789	497984.7	3732297	3.38E-09
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4791	498003.9	3732296	3.48E-09
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4798	498070.9	3732293	3.87E-09
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4806	498147.5	3732290	4.39E-09
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4808	498166.7	3732289	4.53E-09
4809	498176.3	3732289	4.61E-09
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4817	498252.9	3732286	5.22E-09
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4826	498521	3732274	7.40E-09
4827	498530.6	3732274	7.46E-09
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4832	497337.6	3733230	2.83E-09
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4834	497337.5	3733249	2.86E-09
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4843	497574.1	3732491	2.35E-09
4844	497578.8	3732483	2.35E-09
4845	497583.5	3732474	2.35E-09
4846	497588.2	3732466	2.34E-09
4847	497592.9	3732458	2.34E-09
4848	497597.7	3732450	2.34E-09
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4857	497640	3732375	2.31E-09
4858	497644.7	3732366	2.30E-09
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4861	497658.9	3732341	2.29E-09
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4867	497687.1	3732291	2.27E-09
4868	497691.8	3732283	2.26E-09
4869	497696.5	3732275	2.26E-09
4870	497701.3	3732266	2.26E-09
4871	497715.5	3732258	2.28E-09
4872	497725.1	3732257	2.30E-09
4873	497734.6	3732257	2.33E-09
4874	497744.2	3732257	2.35E-09
4875	497753.7	3732256	2.38E-09
4876	497763.3	3732256	2.40E-09
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4879	497792	3732255	2.49E-09
4880	497801.5	3732254	2.52E-09
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4894	497935.3	3732249	2.99E-09
4895	497944.8	3732248	3.03E-09
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4899	497983	3732247	3.20E-09
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4905	498040.4	3732244	3.49E-09
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4997	497994.1	3732196	3.09E-09
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5007	497224.4	3733094	2.24E-09
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5009	497224.2	3733113	2.26E-09
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5106	497167	3733122	2.11E-09
5107	497166.9	3733132	2.12E-09
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5136	497337.4	3733423	3.15E-09
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5212	497166	3733285	2.30E-09
5213	497166	3733295	2.31E-09
5214	497166	3733305	2.32E-09
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5216	497166	3733324	2.34E-09
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5240	499057.2	3734069	5.45E-09
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5242	499336.5	3733957	2.92E-09
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5244	498980.5	3734032	6.69E-09

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2	498155.6	3733610	2.99E-03
3	498155.4	3733619	2.97E-03
4	498155.3	3733629	2.96E-03
5	498155.1	3733638	2.93E-03
6	498155	3733648	2.91E-03
7	498154.8	3733657	2.88E-03
8	498154.7	3733667	2.86E-03
9	498154.5	3733676	2.82E-03
10	498154.4	3733686	2.79E-03
11	498154.2	3733695	2.75E-03
12	498154.1	3733705	2.71E-03
13	498153.9	3733714	2.67E-03
14	498153.8	3733723	2.62E-03
15	498153.6	3733733	2.57E-03
16	498153.5	3733742	2.52E-03
17	498145.7	3733600	2.71E-03
18	498145.6	3733610	2.70E-03
19	498145.4	3733619	2.69E-03
20	498145.3	3733629	2.67E-03
21	498145.1	3733638	2.66E-03
22	498145	3733648	2.64E-03
23	498144.8	3733657	2.62E-03
24	498144.7	3733666	2.60E-03
25	498144.5	3733676	2.57E-03
26	498144.4	3733685	2.55E-03
27	498144.2	3733695	2.52E-03
28	498144.1	3733704	2.49E-03
29	498143.9	3733714	2.45E-03
30	498143.8	3733723	2.42E-03
31	498143.6	3733733	2.38E-03
32	498143.5	3733742	2.34E-03
33	498135.7	3733600	2.47E-03
34	498135.6	3733609	2.46E-03
35	498135.4	3733619	2.45E-03
36	498135.3	3733628	2.44E-03
37	498135.1	3733638	2.43E-03
38	498135	3733647	2.41E-03
39	498134.8	3733657	2.40E-03
40	498134.7	3733666	2.38E-03
41	498134.5	3733676	2.36E-03
42	498134.4	3733685	2.34E-03
43	498134.2	3733695	2.32E-03
44	498134.1	3733704	2.29E-03
45	498133.9	3733714	2.27E-03
46	498133.8	3733723	2.24E-03
47	498133.6	3733733	2.21E-03
48	498133.5	3733742	2.18E-03
49	498125.7	3733600	2.26E-03
50	498125.6	3733609	2.26E-03
51	498125.4	3733619	2.25E-03

52	498125.3	3733628	2.24E-03
53	498125.1	3733638	2.23E-03
54	498125	3733647	2.22E-03
55	498124.8	3733657	2.21E-03
56	498124.7	3733666	2.19E-03
57	498124.5	3733676	2.18E-03
58	498124.4	3733685	2.16E-03
59	498124.2	3733695	2.15E-03
60	498124.1	3733704	2.13E-03
61	498123.9	3733713	2.10E-03
62	498123.8	3733723	2.08E-03
63	498123.6	3733732	2.06E-03
64	498123.5	3733742	2.03E-03
65	498115.7	3733600	2.08E-03
66	498115.6	3733609	2.08E-03
67	498115.4	3733619	2.07E-03
68	498115.3	3733628	2.07E-03
69	498115.1	3733638	2.06E-03
70	498115	3733647	2.05E-03
71	498114.8	3733657	2.04E-03
72	498114.7	3733666	2.03E-03
73	498114.5	3733675	2.02E-03
74	498114.4	3733685	2.01E-03
75	498114.2	3733694	1.99E-03
76	498114.1	3733704	1.98E-03
77	498113.9	3733713	1.96E-03
78	498113.8	3733723	1.94E-03
79	498113.6	3733732	1.92E-03
80	498113.5	3733742	1.90E-03
81	497337.5	3733568	1.31E-04
82	497337.4	3733578	1.32E-04
83	497337.2	3733587	1.32E-04
84	497337.1	3733597	1.33E-04
85	497336.9	3733606	1.33E-04
86	497336.8	3733616	1.34E-04
87	497336.6	3733625	1.34E-04
88	497336.5	3733635	1.35E-04
89	497336.3	3733644	1.35E-04
90	497336.2	3733654	1.36E-04
91	497336	3733663	1.37E-04
92	497335.9	3733673	1.37E-04
93	497335.7	3733682	1.38E-04
94	497335.6	3733692	1.38E-04
95	497335.4	3733701	1.39E-04
96	497335.3	3733710	1.39E-04
97	497335.1	3733720	1.40E-04
98	497335	3733729	1.40E-04
99	497334.8	3733739	1.41E-04
100	497280.4	3733568	1.19E-04
101	497280.3	3733577	1.20E-04
102	497280.1	3733586	1.20E-04
103	497280	3733596	1.21E-04

104	497279.8	3733605	1.21E-04
105	497279.7	3733615	1.22E-04
106	497279.5	3733624	1.22E-04
107	497279.4	3733634	1.23E-04
108	497279.2	3733643	1.23E-04
109	497279.1	3733653	1.23E-04
110	497278.9	3733662	1.24E-04
111	497278.8	3733672	1.24E-04
112	497278.6	3733681	1.25E-04
113	497278.5	3733691	1.25E-04
114	497278.3	3733700	1.26E-04
115	497278.2	3733710	1.26E-04
116	497278	3733719	1.27E-04
117	497277.9	3733729	1.27E-04
118	497277.7	3733738	1.28E-04
119	497223.3	3733567	1.09E-04
120	497223.1	3733576	1.10E-04
121	497223	3733586	1.10E-04
122	497222.8	3733595	1.10E-04
123	497222.7	3733604	1.11E-04
124	497222.5	3733614	1.11E-04
125	497222.4	3733623	1.12E-04
126	497222.2	3733633	1.12E-04
127	497222.1	3733642	1.12E-04
128	497221.9	3733652	1.13E-04
129	497221.8	3733661	1.13E-04
130	497221.6	3733671	1.14E-04
131	497221.5	3733680	1.14E-04
132	497221.3	3733690	1.14E-04
133	497221.2	3733699	1.15E-04
134	497221	3733709	1.15E-04
135	497220.9	3733718	1.16E-04
136	497220.7	3733728	1.16E-04
137	497220.6	3733737	1.16E-04
138	497166.1	3733566	1.00E-04
139	497166	3733575	1.01E-04
140	497165.8	3733585	1.01E-04
141	497165.7	3733594	1.02E-04
142	497165.5	3733604	1.02E-04
143	497165.4	3733613	1.02E-04
144	497165.2	3733623	1.03E-04
145	497165.1	3733632	1.03E-04
146	497164.9	3733641	1.03E-04
147	497164.8	3733651	1.04E-04
148	497164.6	3733660	1.04E-04
149	497164.5	3733670	1.04E-04
150	497164.3	3733679	1.05E-04
151	497164.2	3733689	1.05E-04
152	497164	3733698	1.05E-04
153	497163.9	3733708	1.06E-04
154	497163.7	3733717	1.06E-04
155	497163.6	3733727	1.06E-04

156	497163.4	3733736	1.07E-04
157	498121.7	3733805	1.83E-03
158	498122.5	3733815	1.80E-03
159	498123.1	3733825	1.77E-03
160	498104.2	3733927	1.36E-03
161	498095.8	3733924	1.33E-03
162	498087.5	3733920	1.30E-03
163	498079.1	3733917	1.27E-03
164	498070.8	3733913	1.24E-03
165	498101.9	3733946	1.30E-03
166	498093.2	3733943	1.27E-03
167	498084.5	3733939	1.25E-03
168	498075.8	3733935	1.22E-03
169	498067.1	3733932	1.19E-03
170	498058.4	3733928	1.16E-03
171	498049.8	3733924	1.13E-03
172	498041.1	3733921	1.10E-03
173	498032.4	3733917	1.07E-03
174	498023.7	3733913	1.04E-03
175	497967.8	3733810	8.75E-04
176	497964.3	3733801	8.63E-04
177	498102.9	3733967	1.26E-03
178	498094.4	3733963	1.23E-03
179	498085.9	3733960	1.21E-03
180	498077.3	3733956	1.19E-03
181	498068.8	3733952	1.16E-03
182	498060.3	3733949	1.13E-03
183	498051.7	3733945	1.11E-03
184	498043.2	3733942	1.08E-03
185	498034.7	3733938	1.05E-03
186	498026.2	3733935	1.03E-03
187	498017.6	3733931	1.00E-03
188	498009.1	3733927	9.74E-04
189	498000.6	3733924	9.47E-04
190	497988.6	3733912	9.15E-04
191	498101	3733986	1.21E-03
192	498092.2	3733982	1.18E-03
193	498083.4	3733979	1.16E-03
194	498074.6	3733975	1.14E-03
195	498065.8	3733971	1.12E-03
196	498057	3733968	1.09E-03
197	498048.2	3733964	1.07E-03
198	498039.4	3733960	1.04E-03
199	498030.6	3733956	1.02E-03
200	498021.8	3733953	9.93E-04
201	498013	3733949	9.68E-04
202	498004.2	3733945	9.42E-04
203	497995.4	3733942	9.17E-04
204	497986.6	3733938	8.92E-04
205	497974.2	3733925	8.61E-04
206	497970.7	3733916	8.54E-04
207	497924.6	3733801	7.33E-04

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209	498136.6	3734021	1.22E-03
210	498127.9	3734017	1.21E-03
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212	498076	3733996	1.11E-03
213	498067.3	3733992	1.09E-03
214	498058.7	3733988	1.07E-03
215	498050	3733985	1.05E-03
216	498041.4	3733981	1.02E-03
217	498032.7	3733977	1.00E-03
218	498024.1	3733974	9.78E-04
219	498015.4	3733970	9.55E-04
220	498006.8	3733966	9.32E-04
221	497998.1	3733963	9.09E-04
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223	497960	3733939	8.12E-04
224	497956.5	3733931	8.06E-04
225	497953	3733922	8.00E-04
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232	498136.9	3734041	1.17E-03
233	498128.4	3734038	1.16E-03
234	498119.8	3734034	1.15E-03
235	498111.3	3734030	1.14E-03
236	498102.8	3734027	1.12E-03
237	498094.2	3734023	1.11E-03
238	498060.1	3734009	1.04E-03
239	498051.6	3734005	1.02E-03
240	498043	3734002	1.00E-03
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242	498026	3733995	9.60E-04
243	498017.5	3733991	9.40E-04
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251	497935.5	3733928	7.50E-04
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253	497890.8	3733816	6.43E-04
254	497887.4	3733807	6.34E-04
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257	498128.1	3734075	1.07E-03
258	498119.5	3734071	1.07E-03
259	498111	3734068	1.06E-03

260	498102.4	3734064	1.05E-03
261	497846.6	3733798	5.44E-04
262	498145.1	3734120	1.01E-03
263	498136.5	3734116	1.00E-03
264	498127.9	3734113	9.98E-04
265	498119.3	3734109	9.91E-04
266	498110.7	3734105	9.84E-04
267	498102.1	3734102	9.76E-04
268	498093.5	3734098	9.67E-04
269	497836.8	3733867	5.35E-04
270	497833.4	3733859	5.28E-04
271	497829.9	3733850	5.20E-04
272	497819.5	3733824	4.99E-04
273	497816.1	3733815	4.91E-04
274	497812.6	3733807	4.84E-04
275	497809.1	3733798	4.77E-04
276	498093.2	3734135	9.05E-04
277	497799.5	3733867	4.72E-04
278	497796	3733858	4.66E-04
279	497792.5	3733850	4.59E-04
280	497778.6	3733815	4.33E-04
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282	498418.2	3733818	3.08E-03
283	498424.1	3733867	2.35E-03
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285	498446.3	3733879	2.11E-03
286	498437.2	3733883	2.13E-03
287	498428.2	3733886	2.14E-03
288	498419.1	3733889	2.15E-03
289	498410	3733893	2.15E-03
290	498468.4	3733891	1.89E-03
291	498459.4	3733894	1.91E-03
292	498450.3	3733898	1.93E-03
293	498441.3	3733901	1.94E-03
294	498432.3	3733904	1.96E-03
295	498423.2	3733908	1.97E-03
296	498414.2	3733911	1.97E-03
297	498481.3	3733906	1.71E-03
298	498471.9	3733910	1.73E-03
299	498462.6	3733913	1.76E-03
300	498453.3	3733917	1.77E-03
301	498444	3733920	1.79E-03
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303	498425.3	3733927	1.81E-03
304	498416	3733930	1.82E-03
305	498406.7	3733934	1.83E-03
306	498475.8	3733928	1.60E-03
307	498466.5	3733932	1.62E-03
308	498457.2	3733935	1.64E-03
309	498448	3733939	1.65E-03
310	498438.7	3733942	1.67E-03
311	498429.5	3733945	1.68E-03

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314	498479.7	3733947	1.48E-03
315	498470.5	3733950	1.50E-03
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317	498452	3733957	1.53E-03
318	498442.8	3733960	1.55E-03
319	498433.6	3733964	1.56E-03
320	498424.4	3733967	1.57E-03
321	498415.2	3733971	1.57E-03
322	498406	3733974	1.58E-03
323	498515.7	3733932	1.40E-03
324	498474.5	3733969	1.40E-03
325	498465.3	3733972	1.41E-03
326	498456.1	3733975	1.43E-03
327	498447	3733979	1.44E-03
328	498437.8	3733982	1.45E-03
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330	498419.4	3733989	1.47E-03
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333	498478.5	3733987	1.31E-03
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336	498451.1	3733997	1.34E-03
337	498442	3734001	1.35E-03
338	498432.8	3734004	1.36E-03
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343	498471.7	3734010	1.24E-03
344	498462.3	3734013	1.25E-03
345	498453	3734017	1.26E-03
346	498443.7	3734020	1.27E-03
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352	498506.4	3734034	1.07E-03
353	498497.3	3734038	1.08E-03
354	498488.1	3734041	1.09E-03
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358	498451.4	3734055	1.13E-03
359	498442.2	3734058	1.14E-03
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363	498405.5	3734071	1.16E-03

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366	498502.7	3734073	9.73E-04
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368	498484.2	3734080	9.94E-04
369	498475	3734083	1.00E-03
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371	498456.5	3734090	1.02E-03
372	498447.3	3734094	1.03E-03
373	498438	3734097	1.03E-03
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378	498508	3734109	8.84E-04
379	498498.7	3734112	8.93E-04
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381	498480.1	3734119	9.10E-04
382	498470.8	3734122	9.17E-04
383	498461.6	3734126	9.24E-04
384	498452.3	3734129	9.30E-04
385	498443	3734133	9.35E-04
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391	498611.9	3734145	6.54E-04
392	498602.6	3734149	6.64E-04
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395	498434.2	3733933	1.74E-03
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400	498475.3	3734064	1.05E-03
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404	498497.7	3734136	8.47E-04
405	498419.6	3733958	1.63E-03
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407	498420.8	3733998	1.42E-03
408	498424.3	3734018	1.32E-03
409	498427.9	3734037	1.24E-03
410	498439.8	3734035	1.22E-03
411	498434.6	3734074	1.10E-03
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413	498441.3	3734111	9.90E-04
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422	498432.2	3733788	3.60E-03
423	498442	3733788	3.52E-03
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428	498432.1	3733808	3.16E-03
429	498441.9	3733808	3.09E-03
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431	498441.9	3733818	2.91E-03
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437	498549.1	3733918	1.29E-03
438	498539.2	3733938	1.26E-03
439	498549	3733938	1.22E-03
440	498480.4	3733978	1.34E-03
441	498480.3	3734018	1.19E-03
442	498470.4	3734038	1.14E-03
443	498421.4	3734076	1.12E-03
444	498460.5	3734076	1.05E-03
445	498470.3	3734076	1.03E-03
446	498519.2	3734076	9.33E-04
447	498421.3	3734113	1.01E-03
448	498431.1	3734113	1.00E-03
449	498470.2	3734113	9.39E-04
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453	498599.6	3733709	1.63E-03
454	498599.7	3733699	1.66E-03
455	498599.7	3733690	1.69E-03
456	498599.8	3733680	1.72E-03
457	498599.8	3733670	1.76E-03
458	498599.9	3733660	1.80E-03
459	498599.9	3733650	1.84E-03
460	498600	3733640	1.88E-03
461	498600	3733631	1.93E-03
462	498600.1	3733621	1.97E-03
463	498600.1	3733611	2.01E-03
464	498600.2	3733601	2.05E-03
465	498600.2	3733591	2.09E-03
466	498600.3	3733581	2.13E-03
467	498600.3	3733572	2.17E-03

468	498600.4	3733562	2.21E-03
469	498600.4	3733552	2.24E-03
470	498600.5	3733542	2.27E-03
471	498600.6	3733532	2.30E-03
472	498600.6	3733522	2.33E-03
473	498600.7	3733513	2.36E-03
474	498600.7	3733503	2.38E-03
475	498600.8	3733493	2.40E-03
476	498600.8	3733483	2.42E-03
477	498600.9	3733473	2.44E-03
478	498600.9	3733464	2.46E-03
479	498601	3733454	2.47E-03
480	498601	3733444	2.48E-03
481	498601.1	3733434	2.49E-03
482	498585.8	3733778	1.58E-03
483	498577	3733781	1.67E-03
484	498568.1	3733785	1.77E-03
485	498609.5	3733729	1.45E-03
486	498609.6	3733719	1.47E-03
487	498609.6	3733709	1.50E-03
488	498609.7	3733699	1.52E-03
489	498609.7	3733690	1.54E-03
490	498609.8	3733680	1.57E-03
491	498609.8	3733670	1.60E-03
492	498609.9	3733660	1.63E-03
493	498609.9	3733650	1.66E-03
494	498610	3733640	1.70E-03
495	498610	3733631	1.73E-03
496	498610.1	3733621	1.77E-03
497	498610.1	3733611	1.80E-03
498	498610.2	3733601	1.84E-03
499	498610.2	3733591	1.87E-03
500	498610.3	3733581	1.91E-03
501	498610.3	3733572	1.94E-03
502	498610.4	3733562	1.97E-03
503	498610.4	3733552	2.00E-03
504	498610.5	3733542	2.03E-03
505	498610.6	3733532	2.06E-03
506	498610.6	3733523	2.08E-03
507	498610.7	3733513	2.10E-03
508	498610.7	3733503	2.13E-03
509	498610.8	3733493	2.15E-03
510	498610.8	3733483	2.17E-03
511	498610.9	3733473	2.18E-03
512	498610.9	3733464	2.20E-03
513	498611	3733454	2.21E-03
514	498611	3733444	2.22E-03
515	498611.1	3733434	2.23E-03
516	498593.2	3733785	1.48E-03
517	498584.7	3733788	1.55E-03
518	498576.2	3733792	1.63E-03
519	498567.7	3733795	1.71E-03

520	498619.5	3733729	1.35E-03
521	498619.6	3733719	1.36E-03
522	498619.6	3733709	1.38E-03
523	498619.7	3733699	1.40E-03
524	498619.7	3733690	1.42E-03
525	498619.8	3733680	1.44E-03
526	498619.8	3733670	1.46E-03
527	498619.9	3733660	1.49E-03
528	498619.9	3733650	1.51E-03
529	498620	3733641	1.54E-03
530	498620	3733631	1.57E-03
531	498620.1	3733621	1.60E-03
532	498620.1	3733611	1.63E-03
533	498620.2	3733601	1.66E-03
534	498620.2	3733591	1.69E-03
535	498620.3	3733582	1.72E-03
536	498620.3	3733572	1.75E-03
537	498620.4	3733562	1.77E-03
538	498620.4	3733552	1.80E-03
539	498620.5	3733542	1.82E-03
540	498620.6	3733532	1.85E-03
541	498620.6	3733523	1.87E-03
542	498620.7	3733513	1.89E-03
543	498620.7	3733503	1.91E-03
544	498620.8	3733493	1.93E-03
545	498620.8	3733483	1.95E-03
546	498620.9	3733473	1.97E-03
547	498620.9	3733464	1.98E-03
548	498621	3733454	1.99E-03
549	498621	3733444	2.00E-03
550	498621.1	3733434	2.01E-03
551	498600.5	3733792	1.39E-03
552	498584	3733798	1.52E-03
553	498629.5	3733729	1.25E-03
554	498629.6	3733719	1.27E-03
555	498629.6	3733709	1.28E-03
556	498629.7	3733700	1.30E-03
557	498629.7	3733690	1.31E-03
558	498629.8	3733680	1.33E-03
559	498629.8	3733670	1.35E-03
560	498629.9	3733660	1.37E-03
561	498629.9	3733650	1.39E-03
562	498630	3733641	1.41E-03
563	498630	3733631	1.43E-03
564	498630.1	3733621	1.46E-03
565	498630.1	3733611	1.48E-03
566	498630.2	3733601	1.51E-03
567	498630.2	3733591	1.53E-03
568	498630.3	3733582	1.56E-03
569	498630.3	3733572	1.58E-03
570	498630.4	3733562	1.60E-03
571	498630.4	3733552	1.63E-03

572	498630.5	3733542	1.65E-03
573	498630.6	3733532	1.67E-03
574	498630.6	3733523	1.69E-03
575	498630.7	3733513	1.71E-03
576	498630.7	3733503	1.73E-03
577	498630.8	3733493	1.75E-03
578	498630.8	3733483	1.76E-03
579	498630.9	3733473	1.78E-03
580	498630.9	3733464	1.79E-03
581	498631	3733454	1.81E-03
582	498631	3733444	1.82E-03
583	498631.1	3733434	1.83E-03
584	498591.5	3733805	1.42E-03
585	498575.3	3733812	1.55E-03
586	498639.5	3733729	1.17E-03
587	498639.6	3733719	1.18E-03
588	498639.6	3733709	1.19E-03
589	498639.7	3733700	1.20E-03
590	498639.7	3733690	1.22E-03
591	498639.8	3733680	1.23E-03
592	498639.8	3733670	1.25E-03
593	498639.9	3733660	1.26E-03
594	498639.9	3733650	1.28E-03
595	498640	3733641	1.30E-03
596	498640	3733631	1.32E-03
597	498640.1	3733621	1.34E-03
598	498640.1	3733611	1.36E-03
599	498640.2	3733601	1.38E-03
600	498640.2	3733591	1.40E-03
601	498640.3	3733582	1.42E-03
602	498640.3	3733572	1.44E-03
603	498640.4	3733562	1.46E-03
604	498640.4	3733552	1.48E-03
605	498640.5	3733542	1.50E-03
606	498640.6	3733533	1.52E-03
607	498640.6	3733523	1.54E-03
608	498640.7	3733513	1.56E-03
609	498640.7	3733503	1.57E-03
610	498640.8	3733493	1.59E-03
611	498640.8	3733483	1.60E-03
612	498640.9	3733474	1.62E-03
613	498640.9	3733464	1.63E-03
614	498641	3733454	1.64E-03
615	498641	3733444	1.65E-03
616	498641.1	3733434	1.66E-03
617	498598.9	3733812	1.34E-03
618	498583	3733819	1.45E-03
619	498649.5	3733729	1.09E-03
620	498649.6	3733719	1.10E-03
621	498649.6	3733709	1.11E-03
622	498649.7	3733700	1.12E-03
623	498649.7	3733690	1.13E-03

624	498649.8	3733680	1.15E-03
625	498649.8	3733670	1.16E-03
626	498649.9	3733660	1.17E-03
627	498649.9	3733651	1.18E-03
628	498650	3733641	1.20E-03
629	498650	3733631	1.21E-03
630	498650.1	3733621	1.23E-03
631	498650.1	3733611	1.25E-03
632	498650.2	3733601	1.27E-03
633	498650.2	3733592	1.28E-03
634	498650.3	3733582	1.30E-03
635	498650.3	3733572	1.32E-03
636	498650.4	3733562	1.34E-03
637	498650.4	3733552	1.35E-03
638	498650.5	3733542	1.37E-03
639	498650.6	3733533	1.39E-03
640	498650.6	3733523	1.41E-03
641	498650.7	3733513	1.42E-03
642	498650.7	3733503	1.44E-03
643	498650.8	3733493	1.45E-03
644	498650.8	3733483	1.46E-03
645	498650.9	3733474	1.48E-03
646	498650.9	3733464	1.49E-03
647	498651	3733454	1.50E-03
648	498651	3733444	1.51E-03
649	498651.1	3733434	1.52E-03
650	498594.5	3733824	1.34E-03
651	498585.6	3733828	1.40E-03
652	498576.8	3733831	1.45E-03
653	498568	3733835	1.51E-03
654	498659.5	3733729	1.03E-03
655	498659.6	3733719	1.03E-03
656	498659.6	3733710	1.04E-03
657	498659.7	3733700	1.05E-03
658	498659.7	3733690	1.06E-03
659	498659.8	3733680	1.07E-03
660	498659.8	3733670	1.08E-03
661	498659.9	3733660	1.09E-03
662	498659.9	3733651	1.10E-03
663	498660	3733641	1.11E-03
664	498660	3733631	1.13E-03
665	498660.1	3733621	1.14E-03
666	498660.1	3733611	1.15E-03
667	498660.2	3733601	1.17E-03
668	498660.2	3733592	1.18E-03
669	498660.3	3733582	1.20E-03
670	498660.3	3733572	1.21E-03
671	498660.4	3733562	1.23E-03
672	498660.4	3733552	1.24E-03
673	498660.5	3733542	1.26E-03
674	498660.6	3733533	1.27E-03
675	498660.6	3733523	1.29E-03

676	498660.7	3733513	1.30E-03
677	498660.7	3733503	1.32E-03
678	498660.8	3733493	1.33E-03
679	498660.8	3733483	1.34E-03
680	498660.9	3733474	1.35E-03
681	498660.9	3733464	1.37E-03
682	498661	3733454	1.38E-03
683	498661	3733444	1.39E-03
684	498661.1	3733434	1.40E-03
685	498593	3733845	1.29E-03
686	498584.5	3733848	1.33E-03
687	498576	3733852	1.38E-03
688	498567.5	3733855	1.43E-03
689	498679.5	3733729	9.07E-04
690	498679.6	3733719	9.13E-04
691	498679.6	3733710	9.19E-04
692	498679.7	3733700	9.25E-04
693	498679.7	3733690	9.31E-04
694	498679.8	3733680	9.37E-04
695	498679.8	3733670	9.44E-04
696	498679.9	3733660	9.51E-04
697	498679.9	3733651	9.59E-04
698	498680	3733641	9.67E-04
699	498680	3733631	9.76E-04
700	498680.1	3733621	9.85E-04
701	498680.1	3733611	9.95E-04
702	498680.2	3733602	1.01E-03
703	498680.2	3733592	1.02E-03
704	498680.3	3733582	1.03E-03
705	498680.3	3733572	1.04E-03
706	498680.4	3733562	1.05E-03
707	498680.4	3733552	1.06E-03
708	498680.5	3733543	1.07E-03
709	498680.6	3733533	1.08E-03
710	498680.6	3733523	1.10E-03
711	498680.7	3733513	1.11E-03
712	498680.7	3733503	1.12E-03
713	498680.8	3733493	1.13E-03
714	498680.8	3733484	1.14E-03
715	498680.9	3733474	1.15E-03
716	498680.9	3733464	1.16E-03
717	498681	3733454	1.17E-03
718	498681	3733444	1.18E-03
719	498681.1	3733434	1.19E-03
720	498586	3733867	1.26E-03
721	498577	3733871	1.30E-03
722	498699.5	3733729	8.09E-04
723	498699.6	3733720	8.13E-04
724	498699.6	3733710	8.17E-04
725	498699.7	3733700	8.21E-04
726	498699.7	3733690	8.25E-04
727	498699.8	3733680	8.29E-04

728	498699.8	3733670	8.34E-04
729	498699.9	3733661	8.39E-04
730	498699.9	3733651	8.44E-04
731	498700	3733641	8.50E-04
732	498700	3733631	8.56E-04
733	498700.1	3733621	8.62E-04
734	498700.1	3733611	8.69E-04
735	498700.2	3733602	8.76E-04
736	498700.2	3733592	8.84E-04
737	498700.3	3733582	8.92E-04
738	498700.3	3733572	9.00E-04
739	498700.4	3733562	9.09E-04
740	498700.4	3733552	9.17E-04
741	498700.5	3733543	9.26E-04
742	498700.6	3733533	9.35E-04
743	498700.6	3733523	9.44E-04
744	498700.7	3733513	9.53E-04
745	498700.7	3733503	9.62E-04
746	498700.8	3733494	9.71E-04
747	498700.8	3733484	9.80E-04
748	498700.9	3733474	9.89E-04
749	498700.9	3733464	9.98E-04
750	498701	3733454	1.01E-03
751	498701	3733444	1.01E-03
752	498701.1	3733435	1.02E-03
753	498637.3	3733866	9.84E-04
754	498628.6	3733870	1.02E-03
755	498719.5	3733730	7.26E-04
756	498719.6	3733720	7.29E-04
757	498719.6	3733710	7.31E-04
758	498719.7	3733700	7.34E-04
759	498719.7	3733690	7.37E-04
760	498719.8	3733680	7.40E-04
761	498719.8	3733671	7.43E-04
762	498719.9	3733661	7.46E-04
763	498719.9	3733651	7.50E-04
764	498720	3733641	7.53E-04
765	498720	3733631	7.58E-04
766	498720.1	3733621	7.62E-04
767	498720.1	3733612	7.67E-04
768	498720.2	3733602	7.72E-04
769	498720.2	3733592	7.77E-04
770	498720.3	3733582	7.83E-04
771	498720.3	3733572	7.89E-04
772	498720.4	3733562	7.95E-04
773	498720.4	3733553	8.02E-04
774	498720.5	3733543	8.09E-04
775	498720.6	3733533	8.16E-04
776	498720.6	3733523	8.23E-04
777	498720.7	3733513	8.30E-04
778	498720.7	3733503	8.37E-04
779	498720.8	3733494	8.45E-04

780	498720.8	3733484	8.52E-04
781	498720.9	3733474	8.60E-04
782	498720.9	3733464	8.67E-04
783	498721	3733454	8.74E-04
784	498721	3733444	8.82E-04
785	498721.1	3733435	8.89E-04
786	498660.7	3733877	8.68E-04
787	498652.2	3733880	8.98E-04
788	498643.7	3733884	9.29E-04
789	498635.2	3733887	9.60E-04
790	498626.7	3733891	9.91E-04
791	498618.3	3733894	1.02E-03
792	498739.5	3733730	6.55E-04
793	498739.6	3733720	6.56E-04
794	498739.6	3733710	6.58E-04
795	498739.7	3733700	6.60E-04
796	498739.7	3733690	6.62E-04
797	498739.8	3733680	6.64E-04
798	498739.8	3733671	6.66E-04
799	498739.9	3733661	6.68E-04
800	498739.9	3733651	6.70E-04
801	498740	3733641	6.73E-04
802	498740	3733631	6.76E-04
803	498740.1	3733622	6.79E-04
804	498740.1	3733612	6.82E-04
805	498740.2	3733602	6.86E-04
806	498740.2	3733592	6.90E-04
807	498740.3	3733582	6.94E-04
808	498740.3	3733572	6.99E-04
809	498740.4	3733563	7.03E-04
810	498740.4	3733553	7.08E-04
811	498740.5	3733543	7.13E-04
812	498740.5	3733533	7.19E-04
813	498740.6	3733523	7.24E-04
814	498740.7	3733513	7.30E-04
815	498740.7	3733504	7.36E-04
816	498740.8	3733494	7.42E-04
817	498740.8	3733484	7.48E-04
818	498740.9	3733474	7.55E-04
819	498740.9	3733464	7.61E-04
820	498741	3733454	7.67E-04
821	498741	3733445	7.74E-04
822	498741.1	3733435	7.80E-04
823	498691.4	3733884	7.50E-04
824	498664.9	3733895	8.32E-04
825	498656	3733899	8.60E-04
826	498647.2	3733902	8.89E-04
827	498759.5	3733730	5.93E-04
828	498759.6	3733720	5.94E-04
829	498759.6	3733710	5.95E-04
830	498759.7	3733700	5.96E-04
831	498759.7	3733690	5.98E-04

832	498759.8	3733681	5.99E-04
833	498759.8	3733671	6.00E-04
834	498759.9	3733661	6.02E-04
835	498759.9	3733651	6.03E-04
836	498760	3733641	6.05E-04
837	498760	3733631	6.07E-04
838	498760.1	3733622	6.09E-04
839	498760.1	3733612	6.11E-04
840	498760.2	3733602	6.14E-04
841	498760.2	3733592	6.17E-04
842	498760.3	3733582	6.20E-04
843	498760.3	3733572	6.23E-04
844	498760.4	3733563	6.27E-04
845	498760.4	3733553	6.31E-04
846	498760.5	3733543	6.35E-04
847	498760.5	3733533	6.39E-04
848	498760.6	3733523	6.43E-04
849	498760.7	3733513	6.48E-04
850	498760.7	3733504	6.53E-04
851	498760.8	3733494	6.58E-04
852	498760.8	3733484	6.63E-04
853	498760.9	3733474	6.68E-04
854	498760.9	3733464	6.74E-04
855	498761	3733455	6.79E-04
856	498761	3733445	6.85E-04
857	498761.1	3733435	6.91E-04
858	498757.7	3733791	5.89E-04
859	498754.1	3733800	5.98E-04
860	498750.5	3733809	6.06E-04
861	498718	3733886	6.68E-04
862	498705.7	3733898	6.96E-04
863	498697	3733902	7.19E-04
864	498688.4	3733905	7.42E-04
865	498779.5	3733730	5.40E-04
866	498779.6	3733720	5.41E-04
867	498779.6	3733710	5.41E-04
868	498779.7	3733700	5.42E-04
869	498779.7	3733691	5.43E-04
870	498779.8	3733681	5.43E-04
871	498779.8	3733671	5.44E-04
872	498779.9	3733661	5.45E-04
873	498779.9	3733651	5.46E-04
874	498780	3733641	5.47E-04
875	498780	3733632	5.48E-04
876	498780.1	3733622	5.50E-04
877	498780.1	3733612	5.51E-04
878	498780.2	3733602	5.53E-04
879	498780.2	3733592	5.55E-04
880	498780.3	3733582	5.58E-04
881	498780.3	3733573	5.60E-04
882	498780.4	3733563	5.63E-04
883	498780.4	3733553	5.66E-04

884	498780.5	3733543	5.69E-04
885	498780.5	3733533	5.72E-04
886	498780.6	3733523	5.76E-04
887	498780.7	3733514	5.80E-04
888	498780.7	3733504	5.84E-04
889	498780.8	3733494	5.88E-04
890	498780.8	3733484	5.92E-04
891	498780.9	3733474	5.97E-04
892	498780.9	3733464	6.01E-04
893	498781	3733455	6.06E-04
894	498781	3733445	6.11E-04
895	498781.1	3733435	6.16E-04
896	498777	3733793	5.41E-04
897	498773.3	3733802	5.48E-04
898	498769.5	3733811	5.56E-04
899	498765.8	3733820	5.64E-04
900	498762.1	3733829	5.71E-04
901	498758.3	3733838	5.78E-04
902	498754.6	3733847	5.85E-04
903	498750.8	3733856	5.92E-04
904	498719.5	3733913	6.49E-04
905	498621.2	3733953	9.04E-04
906	498612.2	3733957	9.28E-04
907	498603.3	3733960	9.52E-04
908	498594.4	3733964	9.75E-04
909	498585.4	3733968	9.98E-04
910	498799.5	3733730	4.94E-04
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912	498799.6	3733710	4.94E-04
913	498799.7	3733700	4.94E-04
914	498799.7	3733691	4.95E-04
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918	498799.9	3733651	4.97E-04
919	498800	3733641	4.97E-04
920	498800	3733632	4.98E-04
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922	498800.1	3733612	5.00E-04
923	498800.2	3733602	5.02E-04
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925	498800.3	3733583	5.05E-04
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932	498800.7	3733514	5.22E-04
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937	498800.9	3733465	5.40E-04
938	498801	3733455	5.44E-04
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958	498819.6	3733710	4.53E-04
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966	498820	3733632	4.55E-04
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968	498820.1	3733612	4.56E-04
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972	498820.3	3733573	4.61E-04
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974	498820.4	3733553	4.65E-04
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976	498820.5	3733533	4.69E-04
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983	498820.9	3733465	4.89E-04
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985	498821	3733445	4.96E-04
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995	498666.5	3733974	7.39E-04
996	498657.5	3733978	7.59E-04
997	498648.5	3733982	7.79E-04
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1002	498839.6	3733710	4.17E-04
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1007	498839.9	3733661	4.16E-04
1008	498839.9	3733652	4.17E-04
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1012	498840.1	3733612	4.18E-04
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1015	498840.3	3733583	4.21E-04
1016	498840.3	3733573	4.22E-04
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1018	498840.4	3733553	4.25E-04
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1202	499009.6	3733711	2.31E-04
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1253	499048.1	3733525	2.08E-04
1254	499048.2	3733515	2.09E-04
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1256	499048.3	3733495	2.10E-04
1257	499048.3	3733486	2.11E-04
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1265	499001.1	3733940	2.45E-04
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1271	498978.3	3733994	2.61E-04
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1273	498970.7	3734012	2.67E-04
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1275	498963.2	3734030	2.72E-04
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1277	498901.9	3734122	3.14E-04
1278	498892.8	3734126	3.22E-04
1279	498883.8	3734130	3.29E-04
1280	498874.7	3734134	3.37E-04
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1285	499084.7	3733692	1.87E-04
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1289	499084.9	3733653	1.86E-04
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1293	499085.1	3733614	1.86E-04
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1295	499085.2	3733594	1.86E-04
1296	499085.3	3733584	1.86E-04
1297	499085.3	3733574	1.87E-04
1298	499085.4	3733564	1.87E-04
1299	499085.4	3733555	1.87E-04

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1308	499085.9	3733466	1.91E-04
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1311	499086.1	3733437	1.94E-04
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1323	498919.3	3734153	2.96E-04
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1338	499122.7	3733604	1.69E-04
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1367	499065	3733967	2.06E-04
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1373	498989.4	3734147	2.48E-04
1374	498985.6	3734156	2.50E-04
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1376	499159.6	3733722	1.56E-04
1377	499159.6	3733712	1.56E-04
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1379	499159.7	3733693	1.56E-04
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1381	499159.8	3733673	1.55E-04
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1383	499159.9	3733653	1.55E-04
1384	499160	3733643	1.55E-04
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1396	499160.6	3733525	1.56E-04
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1402	499160.9	3733466	1.59E-04
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1422	499044.5	3734152	2.16E-04
1423	499040.8	3734161	2.18E-04
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1471	499134	3734075	1.75E-04
1472	499130.3	3734084	1.77E-04
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1496	499274.9	3733526	1.22E-04
1497	499274.9	3733516	1.22E-04
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1499	499275	3733497	1.23E-04
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1502	499275.2	3733467	1.24E-04
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1576	499445.3	3733714	8.93E-05
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1579	499445.5	3733684	8.90E-05
1580	499445.5	3733674	8.89E-05
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1620	499408	3733968	9.94E-05
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1644	499502.5	3733714	8.14E-05
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1662	499503.4	3733537	8.14E-05
1663	499503.4	3733527	8.15E-05

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1669	499536.7	3733798	7.81E-05
1670	499532.9	3733807	7.87E-05
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1672	499525.3	3733825	7.99E-05
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1674	499517.7	3733843	8.11E-05
1675	499513.9	3733852	8.17E-05
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1680	499494.9	3733897	8.49E-05
1681	499491.1	3733906	8.55E-05
1682	499487.3	3733916	8.62E-05
1683	499483.5	3733925	8.69E-05
1684	499479.8	3733934	8.75E-05
1685	499476	3733943	8.82E-05
1686	499472.2	3733952	8.89E-05
1687	499468.4	3733961	8.96E-05
1688	499464.6	3733970	9.03E-05
1689	499460.8	3733979	9.10E-05
1690	499457	3733988	9.17E-05
1691	499453.2	3733997	9.25E-05
1692	499449.4	3734006	9.32E-05
1693	499445.6	3734015	9.39E-05
1694	499441.8	3734024	9.47E-05
1695	499438	3734033	9.54E-05
1696	499434.2	3734042	9.61E-05
1697	499430.4	3734051	9.69E-05
1698	499426.6	3734060	9.76E-05
1699	499422.8	3734069	9.84E-05
1700	499419	3734078	9.91E-05
1701	499415.2	3734087	9.99E-05
1702	499411.4	3734096	1.01E-04
1703	499407.7	3734105	1.01E-04
1704	499403.9	3734114	1.02E-04
1705	499320.4	3734313	1.20E-04
1706	499316.6	3734322	1.21E-04
1707	499312.8	3734331	1.22E-04
1708	499309	3734340	1.23E-04
1709	499305.2	3734349	1.24E-04
1710	499301.4	3734358	1.25E-04
1711	499297.6	3734367	1.26E-04
1712	499293.8	3734376	1.26E-04
1713	499290	3734385	1.27E-04
1714	499286.2	3734394	1.28E-04
1715	499282.4	3734404	1.29E-04

1716	499278.6	3734413	1.30E-04
1717	499274.8	3734422	1.30E-04
1718	499271	3734431	1.31E-04
1719	499267.2	3734440	1.32E-04
1720	499254.4	3734452	1.35E-04
1721	499245.3	3734456	1.37E-04
1722	499236.2	3734460	1.39E-04
1723	499227.2	3734464	1.42E-04
1724	499218.1	3734467	1.44E-04
1725	499559.4	3733744	7.49E-05
1726	499559.5	3733734	7.48E-05
1727	499559.5	3733724	7.47E-05
1728	499559.6	3733714	7.46E-05
1729	499559.6	3733704	7.45E-05
1730	499559.7	3733695	7.45E-05
1731	499559.8	3733685	7.44E-05
1732	499559.8	3733675	7.43E-05
1733	499559.9	3733665	7.43E-05
1734	499559.9	3733655	7.43E-05
1735	499560	3733646	7.42E-05
1736	499560	3733636	7.42E-05
1737	499560.1	3733626	7.42E-05
1738	499560.1	3733616	7.42E-05
1739	499560.2	3733606	7.42E-05
1740	499560.2	3733596	7.42E-05
1741	499560.3	3733587	7.42E-05
1742	499560.3	3733577	7.43E-05
1743	499560.4	3733567	7.43E-05
1744	499560.4	3733557	7.44E-05
1745	499560.5	3733547	7.45E-05
1746	499560.5	3733537	7.46E-05
1747	498601.2	3733425	2.50E-03
1748	498601.3	3733415	2.50E-03
1749	498601.4	3733406	2.51E-03
1750	498601.5	3733396	2.51E-03
1751	498601.7	3733387	2.50E-03
1752	498601.8	3733377	2.50E-03
1753	498601.9	3733368	2.50E-03
1754	498602	3733358	2.49E-03
1755	498602.1	3733349	2.48E-03
1756	498602.2	3733339	2.47E-03
1757	498602.3	3733330	2.46E-03
1758	498602.5	3733320	2.44E-03
1759	498602.6	3733311	2.43E-03
1760	498602.7	3733301	2.41E-03
1761	498611.2	3733425	2.24E-03
1762	498611.3	3733415	2.25E-03
1763	498611.4	3733406	2.25E-03
1764	498611.5	3733396	2.25E-03
1765	498611.6	3733387	2.25E-03
1766	498611.8	3733377	2.25E-03
1767	498611.9	3733368	2.25E-03

1768	498612	3733358	2.24E-03
1769	498612.1	3733349	2.23E-03
1770	498612.2	3733339	2.23E-03
1771	498612.3	3733330	2.22E-03
1772	498612.5	3733320	2.21E-03
1773	498612.6	3733311	2.20E-03
1774	498612.7	3733301	2.18E-03
1775	498621.2	3733425	2.02E-03
1776	498621.3	3733416	2.03E-03
1777	498621.4	3733406	2.03E-03
1778	498621.5	3733396	2.03E-03
1779	498621.6	3733387	2.03E-03
1780	498621.8	3733377	2.03E-03
1781	498621.9	3733368	2.03E-03
1782	498622	3733358	2.03E-03
1783	498622.1	3733349	2.03E-03
1784	498622.2	3733339	2.02E-03
1785	498622.3	3733330	2.02E-03
1786	498622.5	3733320	2.01E-03
1787	498622.6	3733311	2.00E-03
1788	498622.7	3733301	1.99E-03
1789	498631.2	3733425	1.83E-03
1790	498631.3	3733416	1.84E-03
1791	498631.4	3733406	1.84E-03
1792	498631.5	3733397	1.85E-03
1793	498631.6	3733387	1.85E-03
1794	498631.8	3733378	1.85E-03
1795	498631.9	3733368	1.85E-03
1796	498632	3733359	1.85E-03
1797	498632.1	3733349	1.85E-03
1798	498632.2	3733340	1.85E-03
1799	498632.3	3733330	1.84E-03
1800	498632.5	3733321	1.84E-03
1801	498632.6	3733311	1.83E-03
1802	498632.7	3733302	1.83E-03
1803	498641.2	3733425	1.67E-03
1804	498641.3	3733416	1.68E-03
1805	498641.4	3733406	1.68E-03
1806	498641.5	3733397	1.69E-03
1807	498641.6	3733387	1.69E-03
1808	498641.8	3733378	1.69E-03
1809	498641.9	3733368	1.69E-03
1810	498642	3733359	1.69E-03
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1812	498642.2	3733340	1.69E-03
1813	498642.3	3733330	1.69E-03
1814	498642.5	3733321	1.69E-03
1815	498642.6	3733311	1.69E-03
1816	498642.7	3733302	1.68E-03
1817	498651.3	3733416	1.53E-03
1818	498651.4	3733406	1.54E-03
1819	498651.5	3733397	1.54E-03

1820	498651.6	3733387	1.55E-03
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1822	498651.9	3733368	1.55E-03
1823	498652	3733359	1.56E-03
1824	498652.1	3733349	1.56E-03
1825	498652.2	3733340	1.56E-03
1826	498652.3	3733330	1.56E-03
1827	498652.5	3733321	1.56E-03
1828	498652.6	3733311	1.56E-03
1829	498652.7	3733302	1.56E-03
1830	498661.3	3733416	1.41E-03
1831	498661.4	3733406	1.42E-03
1832	498661.5	3733397	1.42E-03
1833	498661.6	3733387	1.43E-03
1834	498661.8	3733378	1.43E-03
1835	498661.9	3733368	1.43E-03
1836	498662	3733359	1.44E-03
1837	498662.1	3733349	1.44E-03
1838	498662.2	3733340	1.44E-03
1839	498662.3	3733330	1.44E-03
1840	498662.5	3733321	1.44E-03
1841	498662.6	3733311	1.44E-03
1842	498662.7	3733302	1.44E-03
1843	498681.3	3733416	1.20E-03
1844	498681.4	3733407	1.21E-03
1845	498681.5	3733397	1.21E-03
1846	498681.6	3733388	1.22E-03
1847	498681.8	3733378	1.22E-03
1848	498681.9	3733369	1.23E-03
1849	498682	3733359	1.23E-03
1850	498682.1	3733350	1.24E-03
1851	498682.2	3733340	1.24E-03
1852	498682.3	3733331	1.24E-03
1853	498682.5	3733321	1.25E-03
1854	498682.6	3733312	1.25E-03
1855	498682.7	3733302	1.25E-03
1856	498701.3	3733416	1.03E-03
1857	498701.4	3733407	1.04E-03
1858	498701.5	3733397	1.05E-03
1859	498701.6	3733388	1.05E-03
1860	498701.8	3733378	1.06E-03
1861	498701.9	3733369	1.06E-03
1862	498702	3733359	1.07E-03
1863	498702.1	3733350	1.07E-03
1864	498702.2	3733340	1.08E-03
1865	498702.3	3733331	1.08E-03
1866	498702.5	3733321	1.09E-03
1867	498702.6	3733312	1.09E-03
1868	498702.7	3733302	1.10E-03
1869	498721.3	3733417	9.01E-04
1870	498721.4	3733407	9.07E-04
1871	498721.5	3733398	9.13E-04

1872	498721.6	3733388	9.19E-04
1873	498721.8	3733379	9.25E-04
1874	498721.9	3733369	9.30E-04
1875	498722	3733360	9.36E-04
1876	498722.1	3733350	9.41E-04
1877	498722.2	3733341	9.46E-04
1878	498722.3	3733331	9.52E-04
1879	498722.5	3733322	9.57E-04
1880	498722.6	3733312	9.61E-04
1881	498722.7	3733303	9.66E-04
1882	498741.3	3733417	7.91E-04
1883	498741.4	3733407	7.97E-04
1884	498741.5	3733398	8.03E-04
1885	498741.6	3733388	8.09E-04
1886	498741.8	3733379	8.14E-04
1887	498741.9	3733369	8.20E-04
1888	498742	3733360	8.25E-04
1889	498742.1	3733350	8.31E-04
1890	498742.2	3733341	8.36E-04
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1892	498742.5	3733322	8.47E-04
1893	498742.6	3733312	8.52E-04
1894	498742.7	3733303	8.58E-04
1895	498761.3	3733417	7.01E-04
1896	498761.4	3733408	7.06E-04
1897	498761.5	3733398	7.11E-04
1898	498761.6	3733389	7.16E-04
1899	498761.8	3733379	7.22E-04
1900	498761.9	3733370	7.27E-04
1901	498762	3733360	7.33E-04
1902	498762.1	3733351	7.38E-04
1903	498762.2	3733341	7.44E-04
1904	498762.3	3733332	7.49E-04
1905	498762.4	3733322	7.54E-04
1906	498762.6	3733313	7.60E-04
1907	498762.7	3733303	7.65E-04
1908	498781.3	3733417	6.25E-04
1909	498781.4	3733408	6.30E-04
1910	498781.5	3733398	6.34E-04
1911	498781.6	3733389	6.40E-04
1912	498781.8	3733379	6.45E-04
1913	498781.9	3733370	6.50E-04
1914	498782	3733360	6.55E-04
1915	498782.1	3733351	6.60E-04
1916	498782.2	3733341	6.65E-04
1917	498782.3	3733332	6.71E-04
1918	498782.4	3733322	6.76E-04
1919	498782.6	3733313	6.81E-04
1920	498782.7	3733303	6.86E-04
1921	498801.3	3733418	5.61E-04
1922	498801.4	3733408	5.65E-04
1923	498801.5	3733399	5.70E-04

1924	498801.6	3733389	5.75E-04
1925	498801.8	3733380	5.79E-04
1926	498801.9	3733370	5.84E-04
1927	498802	3733361	5.89E-04
1928	498802.1	3733351	5.94E-04
1929	498802.2	3733342	5.99E-04
1930	498802.3	3733332	6.04E-04
1931	498802.4	3733323	6.09E-04
1932	498802.6	3733313	6.14E-04
1933	498802.7	3733304	6.19E-04
1934	498821.3	3733418	5.07E-04
1935	498821.4	3733408	5.11E-04
1936	498821.5	3733399	5.15E-04
1937	498821.6	3733389	5.19E-04
1938	498821.8	3733380	5.24E-04
1939	498821.9	3733370	5.28E-04
1940	498822	3733361	5.33E-04
1941	498822.1	3733351	5.37E-04
1942	498822.2	3733342	5.42E-04
1943	498822.3	3733332	5.46E-04
1944	498822.4	3733323	5.51E-04
1945	498822.6	3733313	5.56E-04
1946	498822.7	3733304	5.61E-04
1947	498841.3	3733418	4.61E-04
1948	498841.4	3733409	4.64E-04
1949	498841.5	3733399	4.68E-04
1950	498841.6	3733390	4.72E-04
1951	498841.7	3733380	4.76E-04
1952	498841.9	3733371	4.80E-04
1953	498842	3733361	4.84E-04
1954	498842.1	3733352	4.88E-04
1955	498842.2	3733342	4.92E-04
1956	498842.3	3733333	4.97E-04
1957	498842.4	3733323	5.01E-04
1958	498842.6	3733314	5.06E-04
1959	498842.7	3733304	5.10E-04
1960	498861.3	3733418	4.21E-04
1961	498861.4	3733409	4.24E-04
1962	498861.5	3733399	4.28E-04
1963	498861.6	3733390	4.31E-04
1964	498861.7	3733380	4.35E-04
1965	498861.9	3733371	4.38E-04
1966	498862	3733361	4.42E-04
1967	498862.1	3733352	4.46E-04
1968	498862.2	3733342	4.50E-04
1969	498862.3	3733333	4.54E-04
1970	498862.4	3733323	4.58E-04
1971	498862.6	3733314	4.62E-04
1972	498862.7	3733304	4.66E-04
1973	498898.8	3733419	3.60E-04
1974	498898.9	3733409	3.63E-04
1975	498899	3733400	3.65E-04

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1977	498899.2	3733381	3.71E-04
1978	498899.4	3733371	3.74E-04
1979	498899.5	3733362	3.77E-04
1980	498899.6	3733352	3.80E-04
1981	498899.7	3733343	3.83E-04
1982	498899.8	3733333	3.87E-04
1983	498899.9	3733324	3.90E-04
1984	498900.1	3733314	3.94E-04
1985	498900.2	3733305	3.97E-04
1986	498936.3	3733419	3.12E-04
1987	498936.4	3733410	3.14E-04
1988	498936.5	3733400	3.16E-04
1989	498936.6	3733391	3.19E-04
1990	498936.7	3733381	3.21E-04
1991	498936.9	3733372	3.23E-04
1992	498937	3733362	3.26E-04
1993	498937.1	3733353	3.29E-04
1994	498937.2	3733343	3.31E-04
1995	498937.3	3733334	3.34E-04
1996	498937.4	3733324	3.37E-04
1997	498937.6	3733315	3.40E-04
1998	498937.7	3733305	3.43E-04
1999	498973.8	3733420	2.74E-04
2000	498973.9	3733410	2.75E-04
2001	498974	3733401	2.77E-04
2002	498974.1	3733391	2.79E-04
2003	498974.2	3733382	2.81E-04
2004	498974.4	3733372	2.83E-04
2005	498974.5	3733363	2.85E-04
2006	498974.6	3733353	2.87E-04
2007	498974.7	3733344	2.90E-04
2008	498974.8	3733334	2.92E-04
2009	498974.9	3733325	2.94E-04
2010	498975	3733315	2.97E-04
2011	498975.2	3733306	2.99E-04
2012	499011.3	3733420	2.43E-04
2013	499011.4	3733411	2.44E-04
2014	499011.5	3733401	2.45E-04
2015	499011.6	3733392	2.47E-04
2016	499011.7	3733382	2.48E-04
2017	499011.9	3733373	2.50E-04
2018	499012	3733363	2.52E-04
2019	499012.1	3733354	2.54E-04
2020	499012.2	3733344	2.56E-04
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2022	499012.4	3733325	2.60E-04
2023	499012.5	3733316	2.62E-04
2024	499012.7	3733306	2.64E-04
2025	499048.8	3733421	2.17E-04
2026	499048.9	3733411	2.18E-04
2027	499049	3733402	2.19E-04

2028	499049.1	3733392	2.20E-04
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2030	499049.3	3733373	2.23E-04
2031	499049.5	3733364	2.24E-04
2032	499049.6	3733354	2.26E-04
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2034	499049.8	3733335	2.29E-04
2035	499049.9	3733326	2.31E-04
2036	499050	3733316	2.33E-04
2037	499050.2	3733307	2.35E-04
2038	499086.3	3733421	1.95E-04
2039	499086.4	3733412	1.96E-04
2040	499086.5	3733402	1.97E-04
2041	499086.6	3733393	1.98E-04
2042	499086.7	3733383	1.99E-04
2043	499086.8	3733374	2.00E-04
2044	499087	3733364	2.02E-04
2045	499087.1	3733355	2.03E-04
2046	499087.2	3733345	2.04E-04
2047	499087.3	3733336	2.06E-04
2048	499087.4	3733326	2.07E-04
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2050	499123.9	3733412	1.78E-04
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2053	499124.2	3733384	1.80E-04
2054	499124.3	3733374	1.81E-04
2055	499124.5	3733365	1.82E-04
2056	499124.6	3733355	1.84E-04
2057	499124.7	3733346	1.85E-04
2058	499124.8	3733336	1.86E-04
2059	499124.9	3733327	1.87E-04
2060	499161.3	3733422	1.61E-04
2061	499161.4	3733413	1.62E-04
2062	499161.5	3733403	1.63E-04
2063	499161.6	3733394	1.64E-04
2064	499161.7	3733384	1.64E-04
2065	499161.8	3733375	1.65E-04
2066	499162	3733365	1.66E-04
2067	499162.1	3733356	1.67E-04
2068	499162.2	3733346	1.68E-04
2069	499162.3	3733337	1.69E-04
2070	499162.4	3733327	1.70E-04
2071	499218.4	3733423	1.42E-04
2072	499218.5	3733413	1.42E-04
2073	499218.6	3733404	1.43E-04
2074	499218.7	3733394	1.43E-04
2075	499218.9	3733385	1.44E-04
2076	499219	3733375	1.45E-04
2077	499219.1	3733366	1.45E-04
2078	499219.2	3733356	1.46E-04
2079	499219.3	3733347	1.47E-04

2080	499275.5	3733423	1.25E-04
2081	499275.7	3733414	1.26E-04
2082	499275.8	3733404	1.26E-04
2083	499275.9	3733395	1.27E-04
2084	499276	3733385	1.27E-04
2085	499276.1	3733376	1.28E-04
2086	499332.7	3733424	1.12E-04
2087	499332.8	3733415	1.12E-04
2088	498602.6	3733290	2.40E-03
2089	498602.5	3733280	2.38E-03
2090	498602.3	3733271	2.36E-03
2091	498612.6	3733290	2.17E-03
2092	498612.5	3733280	2.16E-03
2093	498612.3	3733270	2.15E-03
2094	498622.6	3733290	1.98E-03
2095	498622.5	3733280	1.98E-03
2096	498622.3	3733270	1.97E-03
2097	498632.6	3733290	1.82E-03
2098	498632.4	3733280	1.82E-03
2099	498632.3	3733270	1.81E-03
2100	498642.6	3733290	1.68E-03
2101	498642.4	3733280	1.68E-03
2102	498642.3	3733270	1.68E-03
2103	498652.6	3733290	1.56E-03
2104	498652.4	3733280	1.56E-03
2105	498652.3	3733270	1.56E-03
2106	498662.6	3733290	1.45E-03
2107	498662.4	3733280	1.45E-03
2108	498662.3	3733270	1.45E-03
2109	498682.6	3733289	1.26E-03
2110	498682.4	3733279	1.26E-03
2111	498682.3	3733270	1.26E-03
2112	498702.6	3733289	1.10E-03
2113	498702.4	3733279	1.11E-03
2114	498702.3	3733269	1.11E-03
2115	498722.6	3733289	9.74E-04
2116	498722.4	3733279	9.81E-04
2117	498722.3	3733269	9.86E-04
2118	498742.6	3733289	8.67E-04
2119	498742.4	3733279	8.73E-04
2120	498742.3	3733269	8.79E-04
2121	498762.6	3733288	7.74E-04
2122	498762.4	3733279	7.81E-04
2123	498762.3	3733269	7.87E-04
2124	498782.6	3733288	6.96E-04
2125	498782.4	3733278	7.02E-04
2126	498782.3	3733268	7.08E-04
2127	498802.6	3733288	6.28E-04
2128	498802.4	3733278	6.34E-04
2129	498802.3	3733268	6.40E-04
2130	498822.6	3733288	5.70E-04
2131	498822.4	3733278	5.75E-04

2132	498822.3	3733268	5.81E-04
2133	498842.6	3733287	5.19E-04
2134	498842.4	3733278	5.24E-04
2135	498842.3	3733268	5.30E-04
2136	498862.6	3733287	4.74E-04
2137	498862.4	3733277	4.79E-04
2138	498862.3	3733267	4.84E-04
2139	498900.1	3733287	4.05E-04
2140	498899.9	3733277	4.09E-04
2141	498899.8	3733267	4.14E-04
2142	498937.7	3733296	3.46E-04
2143	498937.5	3733286	3.50E-04
2144	498937.4	3733276	3.53E-04
2145	498937.3	3733267	3.57E-04
2146	498975.2	3733296	3.02E-04
2147	498975	3733286	3.05E-04
2148	498974.9	3733276	3.08E-04
2149	498974.8	3733266	3.12E-04
2150	499012.7	3733295	2.67E-04
2151	499012.5	3733285	2.69E-04
2152	499012.4	3733275	2.72E-04
2153	499012.3	3733266	2.74E-04
2154	499050.2	3733295	2.37E-04
2155	499050	3733285	2.39E-04
2156	499049.9	3733275	2.41E-04
2157	499049.8	3733265	2.44E-04
2158	499218.8	3733214	1.62E-04
2159	499218.7	3733204	1.63E-04
2160	499276	3733213	1.42E-04
2161	499275.8	3733203	1.43E-04
2162	499333.1	3733212	1.26E-04
2163	499333	3733203	1.27E-04
2164	498224.8	3733031	2.02E-03
2165	498216.1	3733027	1.72E-03
2166	498207.3	3733023	1.48E-03
2167	498198.6	3733018	1.29E-03
2168	498189.8	3733014	1.14E-03
2169	498181.1	3733009	1.03E-03
2170	498172.3	3733005	9.39E-04
2171	498229.3	3733022	1.86E-03
2172	498220.6	3733018	1.62E-03
2173	498211.8	3733014	1.42E-03
2174	498203.1	3733009	1.26E-03
2175	498194.3	3733005	1.12E-03
2176	498185.6	3733000	1.02E-03
2177	498176.8	3732996	9.28E-04
2178	498233.8	3733013	1.73E-03
2179	498225.1	3733009	1.54E-03
2180	498216.3	3733005	1.37E-03
2181	498207.6	3733000	1.22E-03
2182	498198.8	3732996	1.10E-03
2183	498190.1	3732991	9.99E-04

2184	498181.3	3732987	9.15E-04
2185	498238.3	3733005	1.62E-03
2186	498229.6	3733000	1.46E-03
2187	498220.8	3732996	1.32E-03
2188	498212.1	3732991	1.19E-03
2189	498203.3	3732987	1.08E-03
2190	498194.6	3732983	9.82E-04
2191	498185.8	3732978	9.02E-04
2192	498242.8	3732996	1.54E-03
2193	498234.1	3732991	1.40E-03
2194	498225.3	3732987	1.27E-03
2195	498216.6	3732982	1.15E-03
2196	498207.8	3732978	1.05E-03
2197	498199.1	3732974	9.64E-04
2198	498190.3	3732969	8.89E-04
2199	498247.3	3732987	1.46E-03
2200	498238.6	3732982	1.34E-03
2201	498229.8	3732978	1.22E-03
2202	498221.1	3732973	1.12E-03
2203	498212.3	3732969	1.03E-03
2204	498203.6	3732965	9.46E-04
2205	498194.8	3732960	8.75E-04
2206	498251.8	3732978	1.39E-03
2207	498243.1	3732973	1.28E-03
2208	498234.3	3732969	1.18E-03
2209	498225.6	3732965	1.09E-03
2210	498216.8	3732960	1.00E-03
2211	498208.1	3732956	9.28E-04
2212	498199.3	3732951	8.61E-04
2213	498256.3	3732969	1.33E-03
2214	498247.5	3732964	1.24E-03
2215	498238.8	3732960	1.14E-03
2216	498230	3732956	1.06E-03
2217	498221.3	3732951	9.81E-04
2218	498212.5	3732947	9.10E-04
2219	498203.8	3732942	8.47E-04
2220	498260.8	3732960	1.28E-03
2221	498252	3732955	1.19E-03
2222	498243.3	3732951	1.11E-03
2223	498234.5	3732947	1.03E-03
2224	498225.8	3732942	9.58E-04
2225	498217	3732938	8.92E-04
2226	498208.3	3732933	8.32E-04
2227	498545.3	3733092	2.30E-03
2228	498536.5	3733087	2.34E-03
2229	498527.8	3733083	2.36E-03
2230	498265.3	3732951	1.23E-03
2231	498256.5	3732947	1.15E-03
2232	498247.8	3732942	1.08E-03
2233	498239	3732938	1.00E-03
2234	498230.3	3732933	9.37E-04
2235	498221.5	3732929	8.75E-04

2236	498212.8	3732925	8.18E-04
2237	498563	3733078	2.05E-03
2238	498554.3	3733074	2.08E-03
2239	498545.5	3733070	2.11E-03
2240	498536.8	3733065	2.14E-03
2241	498528	3733061	2.16E-03
2242	498519.3	3733056	2.17E-03
2243	498510.5	3733052	2.19E-03
2244	498501.8	3733048	2.19E-03
2245	498493	3733043	2.19E-03
2246	498484.3	3733039	2.19E-03
2247	498475.5	3733034	2.19E-03
2248	498466.8	3733030	2.18E-03
2249	498458	3733025	2.16E-03
2250	498449.3	3733021	2.15E-03
2251	498440.5	3733017	2.13E-03
2252	498431.8	3733012	2.11E-03
2253	498423	3733008	2.08E-03
2254	498414.3	3733003	2.05E-03
2255	498405.5	3732999	2.01E-03
2256	498396.8	3732995	1.98E-03
2257	498388	3732990	1.94E-03
2258	498379.3	3732986	1.89E-03
2259	498370.5	3732981	1.85E-03
2260	498361.8	3732977	1.80E-03
2261	498353	3732973	1.74E-03
2262	498344.3	3732968	1.69E-03
2263	498335.5	3732964	1.63E-03
2264	498326.8	3732959	1.56E-03
2265	498318	3732955	1.50E-03
2266	498309.3	3732951	1.43E-03
2267	498300.5	3732946	1.36E-03
2268	498291.8	3732942	1.29E-03
2269	498283	3732937	1.22E-03
2270	498274.3	3732933	1.15E-03
2271	498265.5	3732929	1.08E-03
2272	498256.8	3732924	1.02E-03
2273	498248	3732920	9.54E-04
2274	498239.3	3732915	8.95E-04
2275	498230.5	3732911	8.41E-04
2276	498221.8	3732907	7.90E-04
2277	498572	3733060	1.87E-03
2278	498563.3	3733056	1.90E-03
2279	498554.5	3733052	1.93E-03
2280	498545.8	3733047	1.95E-03
2281	498537	3733043	1.97E-03
2282	498528.3	3733038	1.98E-03
2283	498519.5	3733034	1.99E-03
2284	498510.8	3733030	2.00E-03
2285	498502	3733025	2.00E-03
2286	498493.3	3733021	2.00E-03
2287	498484.5	3733016	1.99E-03

2288	498475.8	3733012	1.99E-03
2289	498467	3733008	1.97E-03
2290	498458.3	3733003	1.96E-03
2291	498449.5	3732999	1.94E-03
2292	498440.8	3732994	1.92E-03
2293	498432	3732990	1.90E-03
2294	498423.3	3732986	1.87E-03
2295	498414.5	3732981	1.84E-03
2296	498405.8	3732977	1.80E-03
2297	498397	3732972	1.77E-03
2298	498388.3	3732968	1.73E-03
2299	498379.5	3732964	1.69E-03
2300	498370.8	3732959	1.64E-03
2301	498362	3732955	1.59E-03
2302	498353.3	3732950	1.54E-03
2303	498344.5	3732946	1.49E-03
2304	498335.8	3732942	1.43E-03
2305	498327	3732937	1.38E-03
2306	498318.3	3732933	1.32E-03
2307	498309.5	3732928	1.26E-03
2308	498300.8	3732924	1.20E-03
2309	498292	3732920	1.14E-03
2310	498283.3	3732915	1.08E-03
2311	498274.5	3732911	1.02E-03
2312	498265.8	3732906	9.62E-04
2313	498257	3732902	9.08E-04
2314	498248.3	3732898	8.57E-04
2315	498239.5	3732893	8.09E-04
2316	498230.8	3732889	7.63E-04
2317	498572.3	3733038	1.75E-03
2318	498563.5	3733034	1.77E-03
2319	498554.8	3733029	1.79E-03
2320	498546	3733025	1.81E-03
2321	498537.3	3733021	1.82E-03
2322	498528.5	3733016	1.83E-03
2323	498519.8	3733012	1.83E-03
2324	498511	3733007	1.84E-03
2325	498502.3	3733003	1.83E-03
2326	498493.5	3732999	1.83E-03
2327	498484.8	3732994	1.82E-03
2328	498476	3732990	1.81E-03
2329	498467.3	3732985	1.80E-03
2330	498458.5	3732981	1.78E-03
2331	498449.8	3732977	1.76E-03
2332	498441	3732972	1.74E-03
2333	498432.3	3732968	1.72E-03
2334	498423.5	3732963	1.69E-03
2335	498414.8	3732959	1.66E-03
2336	498406	3732955	1.62E-03
2337	498397.3	3732950	1.59E-03
2338	498388.5	3732946	1.55E-03
2339	498379.8	3732941	1.51E-03

2340	498371	3732937	1.47E-03
2341	498362.2	3732933	1.42E-03
2342	498353.5	3732928	1.37E-03
2343	498344.7	3732924	1.33E-03
2344	498336	3732919	1.28E-03
2345	498327.2	3732915	1.22E-03
2346	498318.5	3732911	1.17E-03
2347	498309.7	3732906	1.12E-03
2348	498301	3732902	1.07E-03
2349	498292.2	3732897	1.01E-03
2350	498283.5	3732893	9.64E-04
2351	498274.7	3732889	9.14E-04
2352	498266	3732884	8.67E-04
2353	498257.2	3732880	8.21E-04
2354	498248.5	3732875	7.78E-04
2355	498239.7	3732871	7.37E-04
2356	498563.7	3733012	1.65E-03
2357	498555	3733007	1.67E-03
2358	498546.2	3733003	1.68E-03
2359	498537.5	3732998	1.69E-03
2360	498528.7	3732994	1.69E-03
2361	498520	3732990	1.69E-03
2362	498511.2	3732985	1.69E-03
2363	498502.5	3732981	1.69E-03
2364	498493.7	3732976	1.68E-03
2365	498485	3732972	1.67E-03
2366	498476.2	3732967	1.66E-03
2367	498467.5	3732963	1.65E-03
2368	498458.7	3732959	1.63E-03
2369	498450	3732954	1.61E-03
2370	498441.2	3732950	1.59E-03
2371	498432.5	3732945	1.56E-03
2372	498423.7	3732941	1.53E-03
2373	498415	3732937	1.50E-03
2374	498406.2	3732932	1.47E-03
2375	498397.5	3732928	1.44E-03
2376	498388.7	3732923	1.40E-03
2377	498380	3732919	1.36E-03
2378	498371.2	3732915	1.32E-03
2379	498362.5	3732910	1.28E-03
2380	498353.7	3732906	1.23E-03
2381	498345	3732901	1.19E-03
2382	498336.2	3732897	1.14E-03
2383	498327.5	3732893	1.10E-03
2384	498318.7	3732888	1.05E-03
2385	498310	3732884	1.01E-03
2386	498301.2	3732879	9.60E-04
2387	498292.5	3732875	9.15E-04
2388	498283.7	3732871	8.71E-04
2389	498275	3732866	8.29E-04
2390	498266.2	3732862	7.88E-04
2391	498257.5	3732857	7.49E-04

2392	498248.7	3732853	7.12E-04
2393	498564	3732989	1.55E-03
2394	498555.2	3732985	1.56E-03
2395	498546.5	3732980	1.56E-03
2396	498537.7	3732976	1.57E-03
2397	498529	3732972	1.57E-03
2398	498520.2	3732967	1.57E-03
2399	498511.5	3732963	1.57E-03
2400	498502.7	3732958	1.56E-03
2401	498494	3732954	1.55E-03
2402	498485.2	3732950	1.54E-03
2403	498476.5	3732945	1.53E-03
2404	498467.7	3732941	1.51E-03
2405	498459	3732936	1.49E-03
2406	498450.2	3732932	1.47E-03
2407	498441.5	3732928	1.45E-03
2408	498432.7	3732923	1.42E-03
2409	498424	3732919	1.40E-03
2410	498415.2	3732914	1.37E-03
2411	498406.5	3732910	1.34E-03
2412	498397.7	3732906	1.30E-03
2413	498389	3732901	1.27E-03
2414	498380.2	3732897	1.23E-03
2415	498371.5	3732892	1.19E-03
2416	498362.7	3732888	1.15E-03
2417	498354	3732884	1.11E-03
2418	498345.2	3732879	1.07E-03
2419	498336.5	3732875	1.03E-03
2420	498327.7	3732870	9.92E-04
2421	498319	3732866	9.51E-04
2422	498310.2	3732862	9.11E-04
2423	498301.5	3732857	8.71E-04
2424	498292.7	3732853	8.32E-04
2425	498284	3732848	7.94E-04
2426	498275.2	3732844	7.57E-04
2427	498266.5	3732840	7.22E-04
2428	498257.7	3732835	6.88E-04
2429	498564.2	3732967	1.45E-03
2430	498555.5	3732963	1.46E-03
2431	498546.7	3732958	1.46E-03
2432	498538	3732954	1.46E-03
2433	498529.2	3732949	1.46E-03
2434	498520.5	3732945	1.46E-03
2435	498511.7	3732941	1.45E-03
2436	498503	3732936	1.44E-03
2437	498494.2	3732932	1.43E-03
2438	498485.5	3732927	1.42E-03
2439	498476.7	3732923	1.41E-03
2440	498468	3732919	1.39E-03
2441	498459.2	3732914	1.37E-03
2442	498450.5	3732910	1.35E-03
2443	498441.7	3732905	1.33E-03

2444	498433	3732901	1.30E-03
2445	498424.2	3732897	1.28E-03
2446	498415.5	3732892	1.25E-03
2447	498406.7	3732888	1.22E-03
2448	498398	3732883	1.19E-03
2449	498389.2	3732879	1.15E-03
2450	498380.5	3732875	1.12E-03
2451	498371.7	3732870	1.08E-03
2452	498363	3732866	1.05E-03
2453	498354.2	3732861	1.01E-03
2454	498345.5	3732857	9.76E-04
2455	498336.7	3732853	9.40E-04
2456	498328	3732848	9.03E-04
2457	498319.2	3732844	8.67E-04
2458	498310.5	3732839	8.31E-04
2459	498301.7	3732835	7.96E-04
2460	498293	3732831	7.62E-04
2461	498284.2	3732826	7.28E-04
2462	498275.5	3732822	6.96E-04
2463	498266.7	3732817	6.66E-04
2464	498564.5	3732945	1.36E-03
2465	498555.7	3732940	1.36E-03
2466	498547	3732936	1.36E-03
2467	498538.2	3732931	1.36E-03
2468	498529.5	3732927	1.36E-03
2469	498520.7	3732923	1.36E-03
2470	498512	3732918	1.35E-03
2471	498503.2	3732914	1.34E-03
2472	498494.5	3732909	1.33E-03
2473	498485.7	3732905	1.31E-03
2474	498477	3732901	1.30E-03
2475	498468.2	3732896	1.28E-03
2476	498459.5	3732892	1.26E-03
2477	498450.7	3732887	1.24E-03
2478	498442	3732883	1.22E-03
2479	498433.2	3732879	1.19E-03
2480	498424.4	3732874	1.17E-03
2481	498415.7	3732870	1.14E-03
2482	498406.9	3732865	1.11E-03
2483	498398.2	3732861	1.08E-03
2484	498389.4	3732857	1.05E-03
2485	498380.7	3732852	1.02E-03
2486	498371.9	3732848	9.91E-04
2487	498363.2	3732843	9.58E-04
2488	498354.4	3732839	9.26E-04
2489	498345.7	3732835	8.93E-04
2490	498336.9	3732830	8.60E-04
2491	498328.2	3732826	8.27E-04
2492	498319.4	3732821	7.94E-04
2493	498310.7	3732817	7.63E-04
2494	498301.9	3732813	7.32E-04
2495	498293.2	3732808	7.01E-04

2496	498284.4	3732804	6.72E-04
2497	498275.7	3732799	6.44E-04
2498	498564.7	3732922	1.28E-03
2499	498555.9	3732918	1.28E-03
2500	498547.2	3732914	1.28E-03
2501	498538.4	3732909	1.27E-03
2502	498529.7	3732905	1.27E-03
2503	498520.9	3732900	1.26E-03
2504	498512.2	3732896	1.25E-03
2505	498503.4	3732892	1.24E-03
2506	498494.7	3732887	1.23E-03
2507	498485.9	3732883	1.22E-03
2508	498477.2	3732878	1.20E-03
2509	498468.4	3732874	1.18E-03
2510	498459.7	3732870	1.16E-03
2511	498450.9	3732865	1.14E-03
2512	498442.2	3732861	1.12E-03
2513	498433.4	3732856	1.10E-03
2514	498424.7	3732852	1.08E-03
2515	498415.9	3732848	1.05E-03
2516	498407.2	3732843	1.02E-03
2517	498398.4	3732839	9.95E-04
2518	498389.7	3732834	9.67E-04
2519	498380.9	3732830	9.38E-04
2520	498372.2	3732826	9.09E-04
2521	498363.4	3732821	8.79E-04
2522	498354.7	3732817	8.50E-04
2523	498345.9	3732812	8.20E-04
2524	498337.2	3732808	7.90E-04
2525	498328.4	3732804	7.61E-04
2526	498319.7	3732799	7.32E-04
2527	498310.9	3732795	7.04E-04
2528	498302.2	3732790	6.76E-04
2529	498293.4	3732786	6.49E-04
2530	498284.7	3732782	6.23E-04
2531	498564.9	3732900	1.20E-03
2532	498556.2	3732896	1.20E-03
2533	498547.4	3732891	1.20E-03
2534	498538.7	3732887	1.19E-03
2535	498529.9	3732883	1.19E-03
2536	498521.2	3732878	1.18E-03
2537	498512.4	3732874	1.17E-03
2538	498503.7	3732869	1.16E-03
2539	498494.9	3732865	1.14E-03
2540	498486.2	3732861	1.13E-03
2541	498477.4	3732856	1.11E-03
2542	498468.7	3732852	1.10E-03
2543	498459.9	3732847	1.08E-03
2544	498451.2	3732843	1.06E-03
2545	498442.4	3732839	1.04E-03
2546	498433.7	3732834	1.01E-03
2547	498424.9	3732830	9.91E-04

2548	498416.2	3732825	9.67E-04
2549	498407.4	3732821	9.42E-04
2550	498398.7	3732817	9.17E-04
2551	498389.9	3732812	8.91E-04
2552	498381.2	3732808	8.64E-04
2553	498372.4	3732803	8.37E-04
2554	498363.7	3732799	8.10E-04
2555	498354.9	3732795	7.83E-04
2556	498346.2	3732790	7.56E-04
2557	498337.4	3732786	7.30E-04
2558	498328.7	3732781	7.04E-04
2559	498319.9	3732777	6.78E-04
2560	498311.2	3732773	6.53E-04
2561	498302.4	3732768	6.28E-04
2562	498293.7	3732764	6.04E-04
2563	498547.7	3732869	1.12E-03
2564	498538.9	3732865	1.12E-03
2565	498530.2	3732860	1.11E-03
2566	498521.4	3732856	1.10E-03
2567	498512.7	3732851	1.09E-03
2568	498503.9	3732847	1.08E-03
2569	498495.2	3732843	1.07E-03
2570	498486.4	3732838	1.05E-03
2571	498477.7	3732834	1.03E-03
2572	498468.9	3732829	1.02E-03
2573	498460.2	3732825	1.00E-03
2574	498451.4	3732821	9.80E-04
2575	498442.7	3732816	9.60E-04
2576	498433.9	3732812	9.39E-04
2577	498425.2	3732807	9.17E-04
2578	498416.4	3732803	8.94E-04
2579	498407.7	3732799	8.71E-04
2580	498398.9	3732794	8.47E-04
2581	498390.2	3732790	8.23E-04
2582	498381.4	3732785	7.99E-04
2583	498372.7	3732781	7.74E-04
2584	498363.9	3732777	7.50E-04
2585	498355.2	3732772	7.25E-04
2586	498346.4	3732768	7.01E-04
2587	498337.7	3732763	6.77E-04
2588	498328.9	3732759	6.53E-04
2589	498320.2	3732755	6.30E-04
2590	498311.4	3732750	6.07E-04
2591	498302.7	3732746	5.85E-04
2592	498720.4	3732917	8.86E-04
2593	498727.4	3732923	8.75E-04
2594	498734.5	3732930	8.63E-04
2595	498741.6	3732936	8.50E-04
2596	498748.7	3732943	8.36E-04
2597	498755.8	3732949	8.22E-04
2598	498713.3	3732910	8.96E-04
2599	498704.5	3732906	9.11E-04

2600	498695.8	3732902	9.26E-04
2601	498687	3732897	9.40E-04
2602	498398.3	3732752	7.35E-04
2603	498389.5	3732748	7.14E-04
2604	498380.8	3732743	6.93E-04
2605	498372	3732739	6.72E-04
2606	498363.3	3732734	6.52E-04
2607	498354.5	3732730	6.31E-04
2608	498345.8	3732726	6.11E-04
2609	498337	3732721	5.91E-04
2610	498328.3	3732717	5.72E-04
2611	498319.5	3732712	5.52E-04
2612	498737.2	3732883	8.12E-04
2613	498744.4	3732890	8.03E-04
2614	498751.5	3732896	7.93E-04
2615	498758.6	3732903	7.82E-04
2616	498765.7	3732909	7.71E-04
2617	498772.8	3732916	7.59E-04
2618	498780	3732922	7.46E-04
2619	498787.1	3732929	7.33E-04
2620	498794.2	3732935	7.20E-04
2621	498801.3	3732942	7.06E-04
2622	498808.4	3732948	6.91E-04
2623	498815.6	3732955	6.77E-04
2624	498730.1	3732877	8.20E-04
2625	498721.4	3732873	8.33E-04
2626	498712.6	3732868	8.45E-04
2627	498703.9	3732864	8.57E-04
2628	498695.1	3732859	8.68E-04
2629	498397.6	3732710	6.44E-04
2630	498388.9	3732705	6.26E-04
2631	498380.1	3732701	6.08E-04
2632	498371.4	3732696	5.91E-04
2633	498362.6	3732692	5.73E-04
2634	498353.9	3732688	5.56E-04
2635	498345.1	3732683	5.39E-04
2636	498336.4	3732679	5.22E-04
2637	498754.1	3732850	7.47E-04
2638	498761.3	3732856	7.40E-04
2639	498768.4	3732863	7.32E-04
2640	498775.6	3732869	7.23E-04
2641	498782.7	3732876	7.13E-04
2642	498789.9	3732883	7.03E-04
2643	498797	3732889	6.92E-04
2644	498804.2	3732896	6.81E-04
2645	498811.3	3732902	6.69E-04
2646	498818.5	3732909	6.57E-04
2647	498825.6	3732915	6.45E-04
2648	498832.8	3732922	6.32E-04
2649	498839.9	3732928	6.20E-04
2650	498847.1	3732935	6.07E-04
2651	498854.2	3732941	5.93E-04

2652	498861.4	3732948	5.80E-04
2653	498875.7	3732961	5.53E-04
2654	498747	3732843	7.54E-04
2655	498738.2	3732839	7.65E-04
2656	498729.5	3732835	7.76E-04
2657	498720.7	3732830	7.86E-04
2658	498712	3732826	7.95E-04
2659	498554.5	3732747	8.03E-04
2660	498545.7	3732742	7.95E-04
2661	498537	3732738	7.86E-04
2662	498528.2	3732733	7.76E-04
2663	498519.5	3732729	7.65E-04
2664	498510.7	3732725	7.54E-04
2665	498502	3732720	7.42E-04
2666	498493.2	3732716	7.30E-04
2667	498484.5	3732711	7.17E-04
2668	498475.7	3732707	7.03E-04
2669	498467	3732703	6.89E-04
2670	498458.2	3732698	6.75E-04
2671	498449.5	3732694	6.61E-04
2672	498440.7	3732689	6.46E-04
2673	498432	3732685	6.31E-04
2674	498423.2	3732681	6.15E-04
2675	498414.5	3732676	6.00E-04
2676	498405.7	3732672	5.85E-04
2677	498397	3732667	5.69E-04
2678	498388.2	3732663	5.54E-04
2679	498379.5	3732659	5.39E-04
2680	498370.7	3732654	5.24E-04
2681	498362	3732650	5.09E-04
2682	498353.2	3732645	4.94E-04
2683	498771	3732816	6.91E-04
2684	498778.2	3732823	6.85E-04
2685	498785.4	3732830	6.78E-04
2686	498792.5	3732836	6.70E-04
2687	498799.7	3732843	6.62E-04
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2689	498814.1	3732856	6.44E-04
2690	498821.2	3732862	6.35E-04
2691	498828.4	3732869	6.25E-04
2692	498835.6	3732875	6.14E-04
2693	498842.8	3732882	6.04E-04
2694	498849.9	3732888	5.93E-04
2695	498857.1	3732895	5.81E-04
2696	498864.3	3732902	5.70E-04
2697	498871.5	3732908	5.58E-04
2698	498878.7	3732915	5.47E-04
2699	498885.8	3732921	5.35E-04
2700	498893	3732928	5.23E-04
2701	498900.2	3732934	5.11E-04
2702	498907.4	3732941	4.99E-04
2703	498914.5	3732947	4.87E-04

2704	498921.7	3732954	4.75E-04
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2706	498763.8	3732810	6.97E-04
2707	498755.1	3732806	7.06E-04
2708	498746.3	3732801	7.15E-04
2709	498737.6	3732797	7.23E-04
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2712	498685.1	3732770	7.58E-04
2713	498676.3	3732766	7.61E-04
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2716	498650.1	3732753	7.66E-04
2717	498641.3	3732748	7.66E-04
2718	498632.6	3732744	7.65E-04
2719	498623.8	3732739	7.63E-04
2720	498615.1	3732735	7.61E-04
2721	498606.3	3732731	7.57E-04
2722	498597.6	3732726	7.53E-04
2723	498588.8	3732722	7.48E-04
2724	498580.1	3732717	7.43E-04
2725	498571.3	3732713	7.36E-04
2726	498562.6	3732709	7.29E-04
2727	498553.8	3732704	7.21E-04
2728	498545.1	3732700	7.13E-04
2729	498536.3	3732695	7.04E-04
2730	498527.6	3732691	6.94E-04
2731	498518.8	3732687	6.84E-04
2732	498510.1	3732682	6.73E-04
2733	498501.3	3732678	6.62E-04
2734	498492.6	3732673	6.50E-04
2735	498483.8	3732669	6.38E-04
2736	498475.1	3732665	6.26E-04
2737	498466.3	3732660	6.13E-04
2738	498457.6	3732656	6.01E-04
2739	498448.8	3732651	5.88E-04
2740	498440.1	3732647	5.74E-04
2741	498431.3	3732643	5.61E-04
2742	498422.6	3732638	5.48E-04
2743	498413.8	3732634	5.34E-04
2744	498405.1	3732629	5.21E-04
2745	498396.3	3732625	5.08E-04
2746	498387.6	3732621	4.95E-04
2747	498378.8	3732616	4.82E-04
2748	498370.1	3732612	4.69E-04
2749	498787.9	3732783	6.41E-04
2750	498795.1	3732790	6.36E-04
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2752	498809.5	3732803	6.23E-04
2753	498816.7	3732809	6.16E-04
2754	498823.9	3732816	6.09E-04
2755	498831.1	3732822	6.01E-04

2756	498838.3	3732829	5.93E-04
2757	498845.5	3732835	5.84E-04
2758	498852.7	3732842	5.75E-04
2759	498859.9	3732849	5.66E-04
2760	498867.1	3732855	5.57E-04
2761	498874.3	3732862	5.47E-04
2762	498881.5	3732868	5.37E-04
2763	498888.7	3732875	5.26E-04
2764	498895.9	3732881	5.16E-04
2765	498903.1	3732888	5.06E-04
2766	498910.3	3732895	4.95E-04
2767	498917.5	3732901	4.84E-04
2768	498924.7	3732908	4.74E-04
2769	498931.9	3732914	4.63E-04
2770	498939.1	3732921	4.52E-04
2771	498946.3	3732927	4.42E-04
2772	498953.5	3732934	4.31E-04
2773	498960.7	3732940	4.21E-04
2774	498967.9	3732947	4.10E-04
2775	498780.7	3732776	6.46E-04
2776	498771.9	3732772	6.54E-04
2777	498763.2	3732768	6.62E-04
2778	498754.4	3732763	6.69E-04
2779	498745.7	3732759	6.75E-04
2780	498736.9	3732754	6.81E-04
2781	498710.7	3732741	6.95E-04
2782	498701.9	3732737	6.98E-04
2783	498693.2	3732732	7.01E-04
2784	498684.4	3732728	7.03E-04
2785	498675.7	3732724	7.04E-04
2786	498666.9	3732719	7.05E-04
2787	498658.2	3732715	7.04E-04
2788	498649.4	3732710	7.03E-04
2789	498640.7	3732706	7.02E-04
2790	498631.9	3732702	7.00E-04
2791	498623.2	3732697	6.97E-04
2792	498614.4	3732693	6.93E-04
2793	498605.7	3732688	6.89E-04
2794	498596.9	3732684	6.84E-04
2795	498588.2	3732680	6.78E-04
2796	498579.4	3732675	6.72E-04
2797	498570.7	3732671	6.65E-04
2798	498561.9	3732666	6.58E-04
2799	498553.2	3732662	6.50E-04
2800	498544.4	3732658	6.42E-04
2801	498535.7	3732653	6.33E-04
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2803	498518.2	3732644	6.14E-04
2804	498509.4	3732640	6.04E-04
2805	498500.7	3732636	5.93E-04
2806	498491.9	3732631	5.83E-04
2807	498483.2	3732627	5.72E-04

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2815	498413.2	3732592	4.79E-04
2816	498404.4	3732587	4.68E-04
2817	498395.7	3732583	4.56E-04
2818	498386.9	3732578	4.45E-04
2819	498804.7	3732749	5.97E-04
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2821	498819.2	3732763	5.87E-04
2822	498826.4	3732769	5.82E-04
2823	498833.6	3732776	5.76E-04
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2832	498898.6	3732835	5.06E-04
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2838	498941.9	3732875	4.50E-04
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2840	498956.3	3732888	4.31E-04
2841	498963.5	3732894	4.22E-04
2842	498970.8	3732901	4.12E-04
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2844	498985.2	3732914	3.93E-04
2845	498992.4	3732921	3.84E-04
2846	498999.6	3732927	3.75E-04
2847	499009.6	3732943	3.61E-04
2848	499012.4	3732952	3.56E-04
2849	499017.9	3732971	3.47E-04
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2851	498788.8	3732739	6.08E-04
2852	498780	3732734	6.14E-04
2853	498771.3	3732730	6.20E-04
2854	498762.5	3732725	6.26E-04
2855	498753.8	3732721	6.31E-04
2856	498727.5	3732708	6.43E-04
2857	498718.8	3732703	6.45E-04
2858	498710	3732699	6.48E-04
2859	498701.3	3732694	6.49E-04

2860	498692.5	3732690	6.50E-04
2861	498683.8	3732686	6.51E-04
2862	498675	3732681	6.50E-04
2863	498666.3	3732677	6.50E-04
2864	498657.5	3732672	6.48E-04
2865	498648.8	3732668	6.46E-04
2866	498640	3732664	6.43E-04
2867	498631.3	3732659	6.40E-04
2868	498622.5	3732655	6.37E-04
2869	498613.8	3732650	6.32E-04
2870	498605	3732646	6.27E-04
2871	498596.3	3732642	6.22E-04
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2873	498578.8	3732633	6.10E-04
2874	498570	3732628	6.03E-04
2875	498561.3	3732624	5.95E-04
2876	498552.5	3732620	5.88E-04
2877	498543.8	3732615	5.80E-04
2878	498535	3732611	5.71E-04
2879	498526.3	3732606	5.62E-04
2880	498517.5	3732602	5.53E-04
2881	498508.8	3732598	5.44E-04
2882	498500	3732593	5.34E-04
2883	498491.3	3732589	5.25E-04
2884	498482.5	3732584	5.15E-04
2885	498473.8	3732580	5.05E-04
2886	498465	3732576	4.95E-04
2887	498456.3	3732571	4.84E-04
2888	498447.5	3732567	4.74E-04
2889	498438.8	3732562	4.64E-04
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2892	498412.5	3732549	4.33E-04
2893	498403.8	3732545	4.23E-04
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2895	498828.9	3732723	5.53E-04
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2897	498843.3	3732736	5.44E-04
2898	498850.6	3732742	5.39E-04
2899	498857.8	3732749	5.34E-04
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2902	498879.5	3732769	5.15E-04
2903	498886.7	3732775	5.08E-04
2904	498894	3732782	5.01E-04
2905	498901.2	3732789	4.94E-04
2906	498908.4	3732795	4.86E-04
2907	498915.7	3732802	4.78E-04
2908	498922.9	3732808	4.70E-04
2909	498930.1	3732815	4.62E-04
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2915	498973.5	3732855	4.11E-04
2916	498980.8	3732861	4.03E-04
2917	498988	3732868	3.94E-04
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2919	499002.5	3732881	3.77E-04
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2997	498922.7	3732759	4.62E-04
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3014	499042.3	3732868	3.38E-04
3015	499049.4	3732875	3.30E-04

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3035	499126.7	3733086	2.30E-04
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3271	498777.6	3732521	4.58E-04
3272	498768.8	3732517	4.58E-04
3273	498760.1	3732512	4.58E-04
3274	498751.3	3732508	4.57E-04
3275	498742.6	3732503	4.56E-04

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3283	498672.6	3732468	4.38E-04
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3287	498637.6	3732451	4.23E-04
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3289	498620.1	3732442	4.15E-04
3290	498611.3	3732437	4.10E-04
3291	498602.6	3732433	4.05E-04
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3298	498541.3	3732402	3.67E-04
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3306	498958.3	3732568	3.84E-04
3307	498965.5	3732575	3.81E-04
3308	498972.6	3732581	3.78E-04
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3310	498986.9	3732594	3.71E-04
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3314	499015.6	3732621	3.56E-04
3315	499022.7	3732627	3.51E-04
3316	499029.9	3732634	3.47E-04
3317	499037	3732640	3.43E-04
3318	499044.2	3732647	3.38E-04
3319	499051.3	3732653	3.33E-04
3320	499058.5	3732660	3.29E-04
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3322	499072.8	3732673	3.19E-04
3323	499079.9	3732679	3.14E-04
3324	499087.1	3732686	3.09E-04
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3326	499221.3	3732822	2.16E-04
3327	499224	3732831	2.13E-04

3328	499226.7	3732840	2.11E-04
3329	499229.5	3732850	2.08E-04
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3332	499237.6	3732877	2.01E-04
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3393	499349.1	3733062	1.36E-04
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3407	498820.2	3732415	3.83E-04
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3434	498583.9	3732296	3.13E-04
3435	498575.2	3732291	3.08E-04
3436	498566.4	3732287	3.04E-04
3437	498557.7	3732282	3.00E-04
3438	498548.9	3732278	2.95E-04
3439	498540.2	3732274	2.91E-04
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3442	498981.2	3732440	3.36E-04
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3445	499002.9	3732460	3.31E-04
3446	499010.1	3732467	3.29E-04
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3482	498863.4	3732372	3.52E-04
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3487	498819.6	3732350	3.51E-04
3488	498810.9	3732346	3.50E-04
3489	498802.1	3732341	3.49E-04
3490	498793.4	3732337	3.48E-04
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3507	498644.6	3732262	3.06E-04
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3512	498600.9	3732240	2.88E-04
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3529	499101	3732475	2.86E-04
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3551	498915.3	3732334	3.24E-04
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3573	498722.8	3732238	3.02E-04
3574	498714	3732233	2.99E-04
3575	498705.3	3732229	2.97E-04
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3577	498687.8	3732220	2.91E-04
3578	498679	3732216	2.88E-04
3579	498670.3	3732211	2.86E-04
3580	498661.5	3732207	2.83E-04
3581	498652.8	3732202	2.79E-04
3582	498644	3732198	2.76E-04
3583	498635.3	3732194	2.73E-04
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3585	498617.8	3732185	2.67E-04
3586	498609	3732180	2.63E-04
3587	498600.3	3732176	2.60E-04

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3594	499053.7	3732358	2.87E-04
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3635	499431.4	3732756	1.41E-04
3636	499434.1	3732765	1.39E-04
3637	499436.8	3732774	1.38E-04
3638	499439.5	3732784	1.36E-04
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3642	499450.4	3732821	1.30E-04
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3648	499469.3	3732885	1.21E-04
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3654	498976	3732301	2.98E-04
3655	498967.2	3732297	2.99E-04
3656	498958.5	3732292	3.00E-04
3657	498949.7	3732288	3.00E-04
3658	498941	3732283	3.01E-04
3659	498932.2	3732279	3.01E-04
3660	498923.5	3732275	3.02E-04
3661	498914.7	3732270	3.02E-04
3662	498906	3732266	3.02E-04
3663	498897.2	3732261	3.02E-04
3664	498888.5	3732257	3.02E-04
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3666	498871	3732248	3.01E-04
3667	498862.2	3732244	3.00E-04
3668	498853.5	3732239	2.99E-04
3669	498844.7	3732235	2.99E-04
3670	498836	3732231	2.98E-04
3671	498827.2	3732226	2.96E-04
3672	498818.5	3732222	2.95E-04
3673	498809.7	3732217	2.94E-04
3674	498801	3732213	2.92E-04
3675	498792.2	3732209	2.91E-04
3676	498783.5	3732204	2.89E-04
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3678	498766	3732195	2.85E-04
3679	498757.2	3732191	2.83E-04
3680	498748.5	3732187	2.81E-04
3681	498739.7	3732182	2.79E-04
3682	498731	3732178	2.77E-04
3683	498163.9	3732997	8.48E-04
3684	498148.6	3732995	7.62E-04
3685	498159.5	3732988	7.94E-04
3686	498154.8	3732979	7.44E-04
3687	498170.3	3732979	8.17E-04
3688	498137.8	3732978	6.72E-04
3689	498149.9	3732971	7.00E-04
3690	498166	3732970	7.67E-04
3691	498128.4	3732977	6.36E-04

3692	498144.9	3732962	6.60E-04
3693	498161.5	3732962	7.22E-04
3694	498178.2	3732961	7.93E-04
3695	498118.8	3732976	6.04E-04
3696	498127.2	3732962	6.01E-04
3697	498139.8	3732954	6.24E-04
3698	498156.8	3732953	6.80E-04
3699	498173.8	3732952	7.45E-04
3700	498109.1	3732976	5.75E-04
3701	498117.6	3732961	5.72E-04
3702	498134.8	3732945	5.92E-04
3703	498152	3732945	6.43E-04
3704	498169.3	3732944	7.02E-04
3705	498186.5	3732943	7.70E-04
3706	498108	3732960	5.46E-04
3707	498116.6	3732945	5.43E-04
3708	498129.6	3732937	5.63E-04
3709	498147.1	3732936	6.10E-04
3710	498164.6	3732935	6.64E-04
3711	498182.1	3732935	7.25E-04
3712	498098.3	3732959	5.22E-04
3713	498107	3732944	5.20E-04
3714	498124.5	3732928	5.36E-04
3715	498142.2	3732927	5.79E-04
3716	498159.8	3732927	6.29E-04
3717	498177.5	3732926	6.85E-04
3718	498195.1	3732925	7.48E-04
3719	498083.2	3732950	4.78E-04
3720	498092	3732935	4.76E-04
3721	498096.4	3732927	4.75E-04
3722	498114.2	3732911	4.89E-04
3723	498132.2	3732910	5.26E-04
3724	498150.1	3732910	5.68E-04
3725	498168	3732909	6.15E-04
3726	498185.9	3732908	6.68E-04
3727	498203.8	3732907	7.27E-04
3728	498068	3732942	4.41E-04
3729	498072.5	3732934	4.40E-04
3730	498081.4	3732918	4.38E-04
3731	498090.4	3732902	4.36E-04
3732	498103.9	3732894	4.49E-04
3733	498113	3732894	4.65E-04
3734	498122	3732893	4.81E-04
3735	498131.1	3732893	4.98E-04
3736	498140.1	3732893	5.17E-04
3737	498149.2	3732892	5.36E-04
3738	498158.3	3732892	5.57E-04
3739	498167.3	3732891	5.78E-04
3740	498176.4	3732891	6.01E-04
3741	498185.4	3732891	6.26E-04
3742	498194.5	3732890	6.51E-04
3743	498203.6	3732890	6.78E-04

3744	498212.6	3732890	7.05E-04
3745	498221.7	3732889	7.34E-04
3746	498043.9	3732949	4.09E-04
3747	498048.4	3732941	4.09E-04
3748	498052.9	3732933	4.08E-04
3749	498057.4	3732925	4.08E-04
3750	498061.9	3732917	4.07E-04
3751	498070.9	3732901	4.05E-04
3752	498075.4	3732893	4.04E-04
3753	498079.9	3732885	4.03E-04
3754	498093.5	3732877	4.15E-04
3755	498102.7	3732877	4.28E-04
3756	498111.8	3732876	4.42E-04
3757	498121	3732876	4.57E-04
3758	498130.1	3732875	4.73E-04
3759	498139.2	3732875	4.90E-04
3760	498148.4	3732875	5.07E-04
3761	498157.5	3732874	5.26E-04
3762	498166.6	3732874	5.46E-04
3763	498175.8	3732874	5.66E-04
3764	498184.9	3732873	5.88E-04
3765	498194.1	3732873	6.11E-04
3766	498203.2	3732872	6.35E-04
3767	498212.3	3732872	6.59E-04
3768	498221.5	3732872	6.85E-04
3769	498230.6	3732871	7.11E-04
3770	498024.1	3732948	3.81E-04
3771	498028.6	3732940	3.81E-04
3772	498033.2	3732932	3.80E-04
3773	498037.7	3732924	3.80E-04
3774	498042.2	3732916	3.79E-04
3775	498046.8	3732908	3.79E-04
3776	498051.3	3732900	3.78E-04
3777	498055.8	3732892	3.77E-04
3778	498060.4	3732884	3.76E-04
3779	498064.9	3732876	3.75E-04
3780	498069.4	3732868	3.74E-04
3781	498083.2	3732860	3.85E-04
3782	498092.4	3732860	3.96E-04
3783	498101.6	3732859	4.09E-04
3784	498110.8	3732859	4.22E-04
3785	498120	3732858	4.36E-04
3786	498129.2	3732858	4.50E-04
3787	498138.4	3732858	4.65E-04
3788	498147.6	3732857	4.82E-04
3789	498156.8	3732857	4.98E-04
3790	498166	3732856	5.16E-04
3791	498175.2	3732856	5.35E-04
3792	498184.3	3732856	5.55E-04
3793	498193.5	3732855	5.75E-04
3794	498202.7	3732855	5.96E-04
3795	498211.9	3732855	6.18E-04

3796	498221.1	3732854	6.41E-04
3797	498230.3	3732854	6.64E-04
3798	498239.5	3732853	6.88E-04
3799	498004.3	3732948	3.56E-04
3800	498008.9	3732940	3.56E-04
3801	498013.4	3732932	3.55E-04
3802	498018	3732924	3.55E-04
3803	498022.5	3732916	3.55E-04
3804	498027.1	3732908	3.54E-04
3805	498031.6	3732900	3.54E-04
3806	498036.2	3732892	3.53E-04
3807	498040.8	3732883	3.52E-04
3808	498045.3	3732875	3.52E-04
3809	498049.9	3732867	3.51E-04
3810	498054.4	3732859	3.50E-04
3811	498059	3732851	3.49E-04
3812	498072.8	3732843	3.58E-04
3813	498082	3732842	3.69E-04
3814	498091.3	3732842	3.80E-04
3815	498100.5	3732842	3.91E-04
3816	498109.8	3732841	4.03E-04
3817	498119	3732841	4.16E-04
3818	498128.3	3732841	4.29E-04
3819	498137.5	3732840	4.43E-04
3820	498146.8	3732840	4.58E-04
3821	498156	3732839	4.73E-04
3822	498165.3	3732839	4.90E-04
3823	498174.5	3732839	5.07E-04
3824	498183.7	3732838	5.24E-04
3825	498193	3732838	5.43E-04
3826	498202.2	3732837	5.62E-04
3827	498211.5	3732837	5.82E-04
3828	498220.7	3732837	6.02E-04
3829	498230	3732836	6.23E-04
3830	498239.2	3732836	6.45E-04
3831	498248.5	3732836	6.66E-04
3832	497984.5	3732947	3.33E-04
3833	498016.5	3732891	3.31E-04
3834	498021.1	3732883	3.31E-04
3835	498025.7	3732875	3.30E-04
3836	498030.2	3732867	3.30E-04
3837	498034.8	3732858	3.29E-04
3838	498039.4	3732850	3.28E-04
3839	498044	3732842	3.27E-04
3840	498048.5	3732834	3.27E-04
3841	498062.4	3732826	3.35E-04
3842	498071.7	3732825	3.44E-04
3843	498081	3732825	3.54E-04
3844	498090.3	3732825	3.64E-04
3845	498099.6	3732824	3.75E-04
3846	498108.8	3732824	3.86E-04
3847	498118.1	3732823	3.98E-04

3848	498127.4	3732823	4.10E-04
3849	498136.7	3732823	4.23E-04
3850	498146	3732822	4.36E-04
3851	498155.3	3732822	4.51E-04
3852	498164.6	3732822	4.65E-04
3853	498173.8	3732821	4.81E-04
3854	498183.1	3732821	4.97E-04
3855	498192.4	3732820	5.14E-04
3856	498201.7	3732820	5.31E-04
3857	498211	3732820	5.49E-04
3858	498220.3	3732819	5.68E-04
3859	498229.6	3732819	5.87E-04
3860	498238.8	3732818	6.06E-04
3861	498248.1	3732818	6.26E-04
3862	498257.4	3732818	6.46E-04
3863	498024.3	3732842	3.09E-04
3864	498028.9	3732833	3.08E-04
3865	498033.5	3732825	3.07E-04
3866	498038.1	3732817	3.07E-04
3867	498052	3732809	3.14E-04
3868	498061.3	3732808	3.22E-04
3869	498070.7	3732808	3.31E-04
3870	498080	3732808	3.40E-04
3871	498089.3	3732807	3.49E-04
3872	498098.6	3732807	3.59E-04
3873	498107.9	3732806	3.70E-04
3874	498117.3	3732806	3.81E-04
3875	498126.6	3732806	3.92E-04
3876	498135.9	3732805	4.04E-04
3877	498145.2	3732805	4.17E-04
3878	498154.5	3732804	4.30E-04
3879	498163.9	3732804	4.43E-04
3880	498173.2	3732804	4.58E-04
3881	498182.5	3732803	4.72E-04
3882	498191.8	3732803	4.88E-04
3883	498201.1	3732803	5.04E-04
3884	498210.5	3732802	5.20E-04
3885	498219.8	3732802	5.37E-04
3886	498229.1	3732801	5.54E-04
3887	498238.4	3732801	5.72E-04
3888	498247.7	3732801	5.89E-04
3889	498257.1	3732800	6.08E-04
3890	498266.4	3732800	6.26E-04
3891	498027.7	3732800	2.89E-04
3892	498041.6	3732792	2.95E-04
3893	498051	3732791	3.03E-04
3894	498060.3	3732791	3.10E-04
3895	498069.7	3732790	3.19E-04
3896	498079	3732790	3.27E-04
3897	498088.4	3732790	3.36E-04
3898	498097.7	3732789	3.45E-04
3899	498107.1	3732789	3.55E-04

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3901	498125.7	3732788	3.76E-04
3902	498135.1	3732788	3.87E-04
3903	498144.4	3732787	3.98E-04
3904	498153.8	3732787	4.10E-04
3905	498163.1	3732787	4.23E-04
3906	498172.5	3732786	4.36E-04
3907	498181.8	3732786	4.50E-04
3908	498191.2	3732785	4.64E-04
3909	498200.5	3732785	4.78E-04
3910	498209.9	3732785	4.93E-04
3911	498219.2	3732784	5.09E-04
3912	498228.6	3732784	5.24E-04
3913	498237.9	3732784	5.40E-04
3914	498247.3	3732783	5.57E-04
3915	498256.6	3732783	5.73E-04
3916	498266	3732782	5.90E-04
3917	498275.3	3732782	6.07E-04
3918	498012.6	3732791	2.73E-04
3919	498017.2	3732783	2.72E-04
3920	498031.2	3732775	2.78E-04
3921	498040.6	3732774	2.85E-04
3922	498050	3732774	2.92E-04
3923	498059.3	3732773	2.99E-04
3924	498068.7	3732773	3.07E-04
3925	498078.1	3732773	3.15E-04
3926	498087.4	3732772	3.23E-04
3927	498096.8	3732772	3.32E-04
3928	498106.2	3732771	3.41E-04
3929	498115.6	3732771	3.51E-04
3930	498124.9	3732771	3.60E-04
3931	498134.3	3732770	3.71E-04
3932	498143.7	3732770	3.81E-04
3933	498153.1	3732770	3.93E-04
3934	498162.4	3732769	4.04E-04
3935	498171.8	3732769	4.16E-04
3936	498181.2	3732768	4.29E-04
3937	498190.6	3732768	4.42E-04
3938	498199.9	3732768	4.55E-04
3939	498209.3	3732767	4.69E-04
3940	498218.7	3732767	4.83E-04
3941	498228.1	3732766	4.97E-04
3942	498237.4	3732766	5.12E-04
3943	498246.8	3732766	5.27E-04
3944	498256.2	3732765	5.42E-04
3945	498265.5	3732765	5.58E-04
3946	498274.9	3732764	5.73E-04
3947	498284.3	3732764	5.88E-04
3948	497997.5	3732782	2.59E-04
3949	498002.1	3732774	2.58E-04
3950	498006.8	3732766	2.58E-04
3951	498020.8	3732757	2.63E-04

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3953	498039.6	3732757	2.75E-04
3954	498049	3732756	2.82E-04
3955	498058.4	3732756	2.89E-04
3956	498067.8	3732756	2.96E-04
3957	498077.2	3732755	3.04E-04
3958	498086.6	3732755	3.11E-04
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3960	498105.4	3732754	3.28E-04
3961	498114.7	3732754	3.37E-04
3962	498124.1	3732753	3.46E-04
3963	498133.5	3732753	3.56E-04
3964	498142.9	3732752	3.66E-04
3965	498152.3	3732752	3.76E-04
3966	498161.7	3732752	3.87E-04
3967	498171.1	3732751	3.98E-04
3968	498180.5	3732751	4.10E-04
3969	498189.9	3732751	4.22E-04
3970	498199.3	3732750	4.34E-04
3971	498208.7	3732750	4.47E-04
3972	498218.1	3732749	4.60E-04
3973	498227.5	3732749	4.73E-04
3974	498236.9	3732749	4.86E-04
3975	498246.3	3732748	5.00E-04
3976	498255.7	3732748	5.14E-04
3977	498265.1	3732747	5.28E-04
3978	498274.5	3732747	5.43E-04
3979	498283.9	3732747	5.57E-04
3980	498293.3	3732746	5.71E-04
3981	497968.1	3732768	2.35E-04
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3983	497977.6	3732751	2.34E-04
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3985	497987.1	3732734	2.33E-04
3986	498001.5	3732725	2.38E-04
3987	498011.1	3732725	2.43E-04
3988	498020.8	3732725	2.49E-04
3989	498030.4	3732724	2.54E-04
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3991	498049.7	3732723	2.66E-04
3992	498059.3	3732723	2.73E-04
3993	498068.9	3732723	2.80E-04
3994	498078.6	3732722	2.86E-04
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3997	498107.5	3732721	3.09E-04
3998	498117.1	3732721	3.17E-04
3999	498126.8	3732720	3.26E-04
4000	498136.4	3732720	3.34E-04
4001	498146	3732720	3.44E-04
4002	498155.7	3732719	3.53E-04
4003	498165.3	3732719	3.63E-04

4004	498174.9	3732718	3.73E-04
4005	498184.6	3732718	3.83E-04
4006	498194.2	3732718	3.94E-04
4007	498203.9	3732717	4.05E-04
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4009	498223.1	3732716	4.28E-04
4010	498232.8	3732716	4.40E-04
4011	498242.4	3732716	4.52E-04
4012	498252	3732715	4.65E-04
4013	498261.7	3732715	4.77E-04
4014	498271.3	3732714	4.89E-04
4015	498281	3732714	5.02E-04
4016	498290.6	3732714	5.15E-04
4017	498300.2	3732713	5.27E-04
4018	498309.9	3732713	5.40E-04
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4031	498029.8	3732692	2.41E-04
4032	498039.4	3732691	2.46E-04
4033	498048.9	3732691	2.51E-04
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4035	498068.1	3732690	2.63E-04
4036	498077.7	3732690	2.69E-04
4037	498087.3	3732689	2.76E-04
4038	498096.8	3732689	2.82E-04
4039	498106.4	3732688	2.89E-04
4040	498116	3732688	2.97E-04
4041	498125.6	3732688	3.04E-04
4042	498135.2	3732687	3.12E-04
4043	498144.7	3732687	3.20E-04
4044	498154.3	3732686	3.28E-04
4045	498163.9	3732686	3.37E-04
4046	498173.5	3732686	3.45E-04
4047	498183.1	3732685	3.55E-04
4048	498192.6	3732685	3.64E-04
4049	498202.2	3732684	3.73E-04
4050	498211.8	3732684	3.83E-04
4051	498221.4	3732684	3.93E-04
4052	498231	3732683	4.04E-04
4053	498240.5	3732683	4.14E-04
4054	498250.1	3732682	4.25E-04
4055	498259.7	3732682	4.35E-04

4056	498269.3	3732682	4.46E-04
4057	498278.9	3732681	4.57E-04
4058	498288.5	3732681	4.68E-04
4059	498298	3732680	4.79E-04
4060	498307.6	3732680	4.90E-04
4061	498317.2	3732680	5.01E-04
4062	498326.8	3732679	5.12E-04
4063	497910.4	3732737	1.98E-04
4064	497915.1	3732728	1.98E-04
4065	497919.8	3732720	1.97E-04
4066	497924.5	3732712	1.97E-04
4067	497929.2	3732703	1.97E-04
4068	497933.9	3732695	1.96E-04
4069	497938.6	3732687	1.96E-04
4070	497943.3	3732678	1.95E-04
4071	497948	3732670	1.95E-04
4072	497962.3	3732661	1.98E-04
4073	497971.8	3732661	2.02E-04
4074	497981.3	3732661	2.06E-04
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4076	498000.4	3732660	2.14E-04
4077	498009.9	3732660	2.19E-04
4078	498019.5	3732659	2.23E-04
4079	498029	3732659	2.28E-04
4080	498038.6	3732658	2.33E-04
4081	498048.1	3732658	2.38E-04
4082	498057.6	3732658	2.43E-04
4083	498067.2	3732657	2.48E-04
4084	498076.7	3732657	2.54E-04
4085	498086.2	3732656	2.60E-04
4086	498095.8	3732656	2.66E-04
4087	498105.3	3732656	2.72E-04
4088	498114.8	3732655	2.78E-04
4089	498124.4	3732655	2.85E-04
4090	498133.9	3732654	2.92E-04
4091	498143.4	3732654	2.99E-04
4092	498153	3732654	3.06E-04
4093	498162.5	3732653	3.14E-04
4094	498172	3732653	3.21E-04
4095	498181.6	3732652	3.29E-04
4096	498191.1	3732652	3.37E-04
4097	498200.6	3732652	3.46E-04
4098	498210.2	3732651	3.54E-04
4099	498219.7	3732651	3.63E-04
4100	498229.3	3732650	3.72E-04
4101	498238.8	3732650	3.81E-04
4102	498248.3	3732650	3.90E-04
4103	498257.9	3732649	4.00E-04
4104	498267.4	3732649	4.09E-04
4105	498276.9	3732648	4.19E-04
4106	498286.5	3732648	4.28E-04
4107	498296	3732648	4.38E-04

4108	498305.5	3732647	4.47E-04
4109	498315.1	3732647	4.57E-04
4110	498324.6	3732647	4.67E-04
4111	498334.1	3732646	4.76E-04
4112	498343.7	3732646	4.85E-04
4113	497881.7	3732721	1.83E-04
4114	497886.4	3732713	1.83E-04
4115	497891.1	3732704	1.83E-04
4116	497895.7	3732696	1.82E-04
4117	497900.4	3732688	1.82E-04
4118	497905.1	3732680	1.81E-04
4119	497909.8	3732671	1.81E-04
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4121	497919.1	3732655	1.80E-04
4122	497923.8	3732646	1.80E-04
4123	497928.5	3732638	1.80E-04
4124	497942.7	3732629	1.82E-04
4125	497952.2	3732629	1.86E-04
4126	497961.7	3732629	1.89E-04
4127	497971.2	3732628	1.93E-04
4128	497980.7	3732628	1.96E-04
4129	497990.2	3732628	2.00E-04
4130	497999.7	3732627	2.04E-04
4131	498009.2	3732627	2.08E-04
4132	498018.7	3732626	2.12E-04
4133	498028.2	3732626	2.16E-04
4134	498037.7	3732626	2.21E-04
4135	498047.1	3732625	2.25E-04
4136	498056.6	3732625	2.30E-04
4137	498066.1	3732624	2.35E-04
4138	498075.6	3732624	2.40E-04
4139	498085.1	3732624	2.45E-04
4140	498094.6	3732623	2.50E-04
4141	498104.1	3732623	2.56E-04
4142	498113.6	3732622	2.62E-04
4143	498123.1	3732622	2.68E-04
4144	498132.6	3732622	2.74E-04
4145	498142.1	3732621	2.80E-04
4146	498151.6	3732621	2.86E-04
4147	498161.1	3732620	2.93E-04
4148	498170.6	3732620	3.00E-04
4149	498180.1	3732620	3.07E-04
4150	498189.6	3732619	3.14E-04
4151	498199.1	3732619	3.22E-04
4152	498208.6	3732619	3.29E-04
4153	498218.1	3732618	3.37E-04
4154	498227.6	3732618	3.45E-04
4155	498237.1	3732617	3.53E-04
4156	498246.6	3732617	3.61E-04
4157	498256.1	3732617	3.69E-04
4158	498265.6	3732616	3.77E-04
4159	498275.1	3732616	3.86E-04

4160	498284.6	3732615	3.94E-04
4161	498294.1	3732615	4.02E-04
4162	498303.6	3732615	4.11E-04
4163	498313.1	3732614	4.19E-04
4164	498322.6	3732614	4.28E-04
4165	498332.1	3732613	4.36E-04
4166	498341.6	3732613	4.45E-04
4167	498351.1	3732613	4.53E-04
4168	498360.6	3732612	4.61E-04
4169	497853	3732705	1.70E-04
4170	497857.6	3732697	1.70E-04
4171	497862.3	3732689	1.69E-04
4172	497867	3732680	1.69E-04
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4174	497876.3	3732664	1.69E-04
4175	497881	3732656	1.68E-04
4176	497885.6	3732647	1.68E-04
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4178	497895	3732631	1.67E-04
4179	497899.6	3732623	1.67E-04
4180	497904.3	3732614	1.67E-04
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4184	497942	3732597	1.74E-04
4185	497951.5	3732596	1.77E-04
4186	497961	3732596	1.81E-04
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4189	497989.4	3732595	1.91E-04
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4191	498008.3	3732594	1.98E-04
4192	498017.7	3732594	2.02E-04
4193	498027.2	3732593	2.05E-04
4194	498036.7	3732593	2.09E-04
4195	498046.1	3732592	2.14E-04
4196	498055.6	3732592	2.18E-04
4197	498065.1	3732592	2.22E-04
4198	498074.5	3732591	2.27E-04
4199	498084	3732591	2.32E-04
4200	498093.5	3732590	2.36E-04
4201	498102.9	3732590	2.41E-04
4202	498112.4	3732590	2.47E-04
4203	498121.9	3732589	2.52E-04
4204	498131.3	3732589	2.57E-04
4205	498140.8	3732589	2.63E-04
4206	498150.3	3732588	2.69E-04
4207	498159.7	3732588	2.75E-04
4208	498169.2	3732587	2.81E-04
4209	498178.7	3732587	2.87E-04
4210	498188.1	3732587	2.94E-04
4211	498197.6	3732586	3.00E-04

4212	498207.1	3732586	3.07E-04
4213	498216.5	3732585	3.14E-04
4214	498226	3732585	3.21E-04
4215	498235.5	3732585	3.28E-04
4216	498244.9	3732584	3.35E-04
4217	498254.4	3732584	3.42E-04
4218	498263.9	3732583	3.49E-04
4219	498273.3	3732583	3.57E-04
4220	498282.8	3732583	3.64E-04
4221	498292.3	3732582	3.72E-04
4222	498301.7	3732582	3.79E-04
4223	498311.2	3732581	3.87E-04
4224	498320.6	3732581	3.94E-04
4225	498330.1	3732581	4.02E-04
4226	498339.6	3732580	4.09E-04
4227	498349	3732580	4.17E-04
4228	498358.5	3732580	4.24E-04
4229	498368	3732579	4.31E-04
4230	498377.4	3732579	4.38E-04
4231	497823	3732692	1.58E-04
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4235	497841.9	3732658	1.57E-04
4236	497846.7	3732650	1.57E-04
4237	497851.4	3732641	1.57E-04
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4239	497860.9	3732625	1.56E-04
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4241	497870.4	3732608	1.56E-04
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4243	497879.9	3732591	1.55E-04
4244	497884.6	3732583	1.55E-04
4245	497889.3	3732574	1.54E-04
4246	497903.7	3732565	1.57E-04
4247	497913.3	3732565	1.59E-04
4248	497922.9	3732565	1.62E-04
4249	497932.5	3732564	1.64E-04
4250	497942.2	3732564	1.67E-04
4251	497951.8	3732564	1.70E-04
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4253	497971	3732563	1.76E-04
4254	497980.6	3732562	1.79E-04
4255	497990.2	3732562	1.82E-04
4256	497999.9	3732562	1.86E-04
4257	498009.5	3732561	1.89E-04
4258	498019.1	3732561	1.93E-04
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4260	498038.3	3732560	2.00E-04
4261	498047.9	3732560	2.04E-04
4262	498057.6	3732559	2.08E-04
4263	498067.2	3732559	2.12E-04

4264	498076.8	3732558	2.17E-04
4265	498086.4	3732558	2.21E-04
4266	498096	3732558	2.26E-04
4267	498105.6	3732557	2.30E-04
4268	498115.3	3732557	2.35E-04
4269	498124.9	3732556	2.40E-04
4270	498134.5	3732556	2.45E-04
4271	498144.1	3732556	2.50E-04
4272	498153.7	3732555	2.56E-04
4273	498163.3	3732555	2.61E-04
4274	498173	3732554	2.67E-04
4275	498182.6	3732554	2.73E-04
4276	498192.2	3732554	2.79E-04
4277	498201.8	3732553	2.85E-04
4278	498211.4	3732553	2.91E-04
4279	498221	3732552	2.97E-04
4280	498230.7	3732552	3.04E-04
4281	498240.3	3732552	3.10E-04
4282	498249.9	3732551	3.17E-04
4283	498259.5	3732551	3.23E-04
4284	498269.1	3732550	3.30E-04
4285	498278.7	3732550	3.37E-04
4286	498288.4	3732550	3.43E-04
4287	498298	3732549	3.50E-04
4288	498307.6	3732549	3.57E-04
4289	498317.2	3732548	3.64E-04
4290	498326.8	3732548	3.71E-04
4291	498336.4	3732548	3.78E-04
4292	498346.1	3732547	3.84E-04
4293	498355.7	3732547	3.91E-04
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4296	498384.5	3732546	4.10E-04
4297	498394.1	3732545	4.17E-04
4298	497794.2	3732676	1.48E-04
4299	497799	3732667	1.48E-04
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4301	497808.4	3732651	1.47E-04
4302	497813.1	3732642	1.47E-04
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4304	497822.6	3732626	1.47E-04
4305	497827.3	3732617	1.46E-04
4306	497832	3732609	1.46E-04
4307	497836.7	3732601	1.46E-04
4308	497841.5	3732592	1.46E-04
4309	497846.2	3732584	1.45E-04
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4311	497855.6	3732567	1.45E-04
4312	497860.3	3732559	1.44E-04
4313	497865.1	3732551	1.44E-04
4314	497869.8	3732542	1.44E-04
4315	497884.1	3732533	1.46E-04

4316	497893.7	3732533	1.48E-04
4317	497903.3	3732533	1.50E-04
4318	497912.8	3732532	1.53E-04
4319	497922.4	3732532	1.55E-04
4320	497932	3732532	1.58E-04
4321	497941.6	3732531	1.60E-04
4322	497951.2	3732531	1.63E-04
4323	497960.7	3732530	1.66E-04
4324	497970.3	3732530	1.68E-04
4325	497979.9	3732530	1.71E-04
4326	497989.5	3732529	1.74E-04
4327	497999.1	3732529	1.77E-04
4328	498008.6	3732528	1.81E-04
4329	498018.2	3732528	1.84E-04
4330	498027.8	3732528	1.87E-04
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4332	498047	3732527	1.94E-04
4333	498056.5	3732526	1.98E-04
4334	498066.1	3732526	2.02E-04
4335	498075.7	3732526	2.06E-04
4336	498085.3	3732525	2.10E-04
4337	498094.9	3732525	2.14E-04
4338	498104.4	3732524	2.18E-04
4339	498114	3732524	2.23E-04
4340	498123.6	3732524	2.27E-04
4341	498133.2	3732523	2.32E-04
4342	498142.8	3732523	2.36E-04
4343	498152.4	3732522	2.41E-04
4344	498161.9	3732522	2.46E-04
4345	498171.5	3732522	2.51E-04
4346	498181.1	3732521	2.57E-04
4347	498190.7	3732521	2.62E-04
4348	498200.3	3732520	2.67E-04
4349	498209.8	3732520	2.73E-04
4350	498219.4	3732520	2.78E-04
4351	498229	3732519	2.84E-04
4352	498238.6	3732519	2.90E-04
4353	498248.2	3732518	2.96E-04
4354	498257.7	3732518	3.02E-04
4355	498267.3	3732518	3.08E-04
4356	498276.9	3732517	3.14E-04
4357	498286.5	3732517	3.20E-04
4358	498296.1	3732516	3.26E-04
4359	498305.6	3732516	3.32E-04
4360	498315.2	3732516	3.38E-04
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4362	498334.4	3732515	3.50E-04
4363	498344	3732515	3.56E-04
4364	498353.5	3732514	3.62E-04
4365	498363.1	3732514	3.68E-04
4366	498372.7	3732513	3.74E-04
4367	498382.3	3732513	3.80E-04

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4369	498401.5	3732512	3.91E-04
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4372	497765.5	3732660	1.39E-04
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4374	497774.9	3732643	1.38E-04
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4377	497789.1	3732618	1.38E-04
4378	497793.8	3732610	1.38E-04
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4383	497817.3	3732568	1.36E-04
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4385	497826.7	3732552	1.36E-04
4386	497831.4	3732543	1.36E-04
4387	497836.1	3732535	1.35E-04
4388	497840.8	3732527	1.35E-04
4389	497845.5	3732519	1.35E-04
4390	497850.3	3732510	1.35E-04
4391	497864.5	3732502	1.36E-04
4392	497874.1	3732501	1.38E-04
4393	497883.6	3732501	1.40E-04
4394	497893.2	3732500	1.42E-04
4395	497902.7	3732500	1.45E-04
4396	497912.3	3732500	1.47E-04
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4398	497931.4	3732499	1.51E-04
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4416	498103.2	3732492	2.07E-04
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4418	498122.3	3732491	2.15E-04
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4421	498151	3732490	2.28E-04
4422	498160.5	3732489	2.33E-04
4423	498170.1	3732489	2.37E-04
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4425	498189.2	3732488	2.47E-04
4426	498198.7	3732488	2.52E-04
4427	498208.3	3732487	2.57E-04
4428	498217.8	3732487	2.62E-04
4429	498227.4	3732487	2.67E-04
4430	498236.9	3732486	2.72E-04
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4433	498265.6	3732485	2.88E-04
4434	498275.1	3732485	2.93E-04
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4436	498294.2	3732484	3.04E-04
4437	498303.8	3732483	3.10E-04
4438	498313.3	3732483	3.15E-04
4439	498322.9	3732483	3.21E-04
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4441	498342	3732482	3.32E-04
4442	498351.5	3732481	3.37E-04
4443	498361.1	3732481	3.43E-04
4444	498370.6	3732481	3.48E-04
4445	498380.2	3732480	3.53E-04
4446	498389.7	3732480	3.58E-04
4447	498399.3	3732479	3.64E-04
4448	498408.8	3732479	3.69E-04
4449	498418.4	3732479	3.74E-04
4450	498427.9	3732478	3.78E-04
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4453	497726.6	3732627	1.26E-04
4454	497731.3	3732619	1.26E-04
4455	497736	3732611	1.26E-04
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4458	497750.1	3732586	1.25E-04
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4460	497759.5	3732569	1.25E-04
4461	497764.1	3732561	1.25E-04
4462	497768.8	3732553	1.25E-04
4463	497773.5	3732544	1.24E-04
4464	497778.2	3732536	1.24E-04
4465	497782.9	3732528	1.24E-04
4466	497787.6	3732519	1.24E-04
4467	497792.3	3732511	1.23E-04
4468	497797	3732503	1.23E-04
4469	497801.7	3732495	1.23E-04
4470	497806.4	3732486	1.23E-04
4471	497811.1	3732478	1.23E-04

4472	497815.8	3732470	1.22E-04
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4474	497834.7	3732453	1.24E-04
4475	497844.2	3732452	1.25E-04
4476	497853.7	3732452	1.27E-04
4477	497863.2	3732452	1.29E-04
4478	497872.8	3732451	1.31E-04
4479	497882.3	3732451	1.32E-04
4480	497891.8	3732450	1.34E-04
4481	497901.3	3732450	1.36E-04
4482	497910.9	3732450	1.38E-04
4483	497920.4	3732449	1.40E-04
4484	497929.9	3732449	1.42E-04
4485	497939.4	3732448	1.45E-04
4486	497948.9	3732448	1.47E-04
4487	497958.5	3732448	1.49E-04
4488	497968	3732447	1.51E-04
4489	497977.5	3732447	1.54E-04
4490	497987	3732446	1.56E-04
4491	497996.6	3732446	1.59E-04
4492	498006.1	3732446	1.62E-04
4493	498015.6	3732445	1.64E-04
4494	498025.1	3732445	1.67E-04
4495	498034.6	3732444	1.70E-04
4496	498044.2	3732444	1.73E-04
4497	498053.7	3732444	1.76E-04
4498	498063.2	3732443	1.79E-04
4499	498072.7	3732443	1.82E-04
4500	498082.3	3732443	1.85E-04
4501	498091.8	3732442	1.89E-04
4502	498101.3	3732442	1.92E-04
4503	498110.8	3732441	1.95E-04
4504	498120.3	3732441	1.99E-04
4505	498129.9	3732441	2.03E-04
4506	498139.4	3732440	2.06E-04
4507	498148.9	3732440	2.10E-04
4508	498158.4	3732439	2.14E-04
4509	498168	3732439	2.18E-04
4510	498177.5	3732439	2.22E-04
4511	498187	3732438	2.26E-04
4512	498196.5	3732438	2.31E-04
4513	498206	3732437	2.35E-04
4514	498215.6	3732437	2.39E-04
4515	498225.1	3732437	2.44E-04
4516	498234.6	3732436	2.48E-04
4517	498244.1	3732436	2.53E-04
4518	498253.7	3732435	2.57E-04
4519	498263.2	3732435	2.62E-04
4520	498272.7	3732435	2.66E-04
4521	498282.2	3732434	2.71E-04
4522	498291.7	3732434	2.76E-04
4523	498301.3	3732433	2.81E-04

4524	498310.8	3732433	2.85E-04
4525	498320.3	3732433	2.90E-04
4526	498329.8	3732432	2.95E-04
4527	498339.4	3732432	3.00E-04
4528	498348.9	3732432	3.04E-04
4529	498358.4	3732431	3.09E-04
4530	498367.9	3732431	3.14E-04
4531	498377.4	3732430	3.18E-04
4532	498387	3732430	3.23E-04
4533	498396.5	3732430	3.27E-04
4534	498406	3732429	3.32E-04
4535	498415.5	3732429	3.36E-04
4536	498425.1	3732428	3.40E-04
4537	498434.6	3732428	3.44E-04
4538	498444.1	3732428	3.49E-04
4539	498453.6	3732427	3.53E-04
4540	497671.9	3732623	1.16E-04
4541	497676.7	3732614	1.16E-04
4542	497681.4	3732606	1.16E-04
4543	497686.2	3732597	1.16E-04
4544	497690.9	3732589	1.15E-04
4545	497695.7	3732581	1.15E-04
4546	497700.4	3732572	1.15E-04
4547	497705.2	3732564	1.15E-04
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4549	497714.7	3732547	1.15E-04
4550	497719.4	3732539	1.14E-04
4551	497724.2	3732530	1.14E-04
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4553	497733.7	3732513	1.14E-04
4554	497738.4	3732505	1.14E-04
4555	497743.1	3732497	1.14E-04
4556	497747.9	3732488	1.13E-04
4557	497752.6	3732480	1.13E-04
4558	497757.4	3732471	1.13E-04
4559	497762.1	3732463	1.13E-04
4560	497766.9	3732455	1.12E-04
4561	497771.6	3732446	1.12E-04
4562	497776.4	3732438	1.12E-04
4563	497781.1	3732430	1.12E-04
4564	497785.9	3732421	1.12E-04
4565	497790.6	3732413	1.11E-04
4566	497805	3732404	1.13E-04
4567	497814.6	3732404	1.14E-04
4568	497824.3	3732403	1.16E-04
4569	497833.9	3732403	1.17E-04
4570	497843.5	3732402	1.19E-04
4571	497853.1	3732402	1.20E-04
4572	497862.8	3732402	1.22E-04
4573	497872.4	3732401	1.24E-04
4574	497882	3732401	1.25E-04
4575	497891.7	3732400	1.27E-04

4576	497901.3	3732400	1.29E-04
4577	497910.9	3732400	1.31E-04
4578	497920.6	3732399	1.33E-04
4579	497930.2	3732399	1.35E-04
4580	497939.8	3732398	1.37E-04
4581	497949.5	3732398	1.39E-04
4582	497959.1	3732398	1.41E-04
4583	497968.7	3732397	1.43E-04
4584	497978.4	3732397	1.45E-04
4585	497988	3732396	1.47E-04
4586	497997.6	3732396	1.50E-04
4587	498007.3	3732396	1.52E-04
4588	498016.9	3732395	1.55E-04
4589	498026.5	3732395	1.57E-04
4590	498036.1	3732394	1.60E-04
4591	498045.8	3732394	1.62E-04
4592	498055.4	3732394	1.65E-04
4593	498065	3732393	1.68E-04
4594	498074.7	3732393	1.71E-04
4595	498084.3	3732392	1.74E-04
4596	498093.9	3732392	1.77E-04
4597	498103.6	3732392	1.80E-04
4598	498113.2	3732391	1.83E-04
4599	498122.8	3732391	1.86E-04
4600	498132.5	3732390	1.90E-04
4601	498142.1	3732390	1.93E-04
4602	498151.7	3732390	1.96E-04
4603	498161.4	3732389	2.00E-04
4604	498171	3732389	2.03E-04
4605	498180.6	3732388	2.07E-04
4606	498190.2	3732388	2.11E-04
4607	498199.9	3732388	2.14E-04
4608	498209.5	3732387	2.18E-04
4609	498219.1	3732387	2.22E-04
4610	498228.8	3732386	2.26E-04
4611	498238.4	3732386	2.30E-04
4612	498248	3732386	2.34E-04
4613	498257.7	3732385	2.38E-04
4614	498267.3	3732385	2.42E-04
4615	498276.9	3732384	2.46E-04
4616	498286.6	3732384	2.50E-04
4617	498296.2	3732384	2.55E-04
4618	498305.8	3732383	2.59E-04
4619	498315.5	3732383	2.63E-04
4620	498325.1	3732383	2.67E-04
4621	498334.7	3732382	2.71E-04
4622	498344.3	3732382	2.75E-04
4623	498354	3732381	2.80E-04
4624	498363.6	3732381	2.84E-04
4625	498373.2	3732381	2.88E-04
4626	498382.9	3732380	2.92E-04
4627	498392.5	3732380	2.96E-04

4628	498402.1	3732379	3.00E-04
4629	498411.8	3732379	3.04E-04
4630	498421.4	3732379	3.08E-04
4631	498431	3732378	3.11E-04
4632	498440.7	3732378	3.15E-04
4633	498450.3	3732377	3.19E-04
4634	498459.9	3732377	3.22E-04
4635	498469.6	3732377	3.26E-04
4636	498479.2	3732376	3.29E-04
4637	497628.3	3732598	1.07E-04
4638	497633.1	3732590	1.07E-04
4639	497637.8	3732581	1.07E-04
4640	497642.5	3732573	1.07E-04
4641	497647.3	3732565	1.06E-04
4642	497652	3732556	1.06E-04
4643	497656.7	3732548	1.06E-04
4644	497661.5	3732540	1.06E-04
4645	497666.2	3732531	1.06E-04
4646	497670.9	3732523	1.06E-04
4647	497675.6	3732515	1.06E-04
4648	497680.4	3732506	1.05E-04
4649	497685.1	3732498	1.05E-04
4650	497689.8	3732489	1.05E-04
4651	497694.6	3732481	1.05E-04
4652	497699.3	3732473	1.05E-04
4653	497704	3732464	1.04E-04
4654	497708.8	3732456	1.04E-04
4655	497713.5	3732448	1.04E-04
4656	497718.2	3732439	1.04E-04
4657	497723	3732431	1.04E-04
4658	497727.7	3732423	1.04E-04
4659	497732.4	3732414	1.03E-04
4660	497737.2	3732406	1.03E-04
4661	497741.9	3732397	1.03E-04
4662	497746.6	3732389	1.03E-04
4663	497751.4	3732381	1.03E-04
4664	497756.1	3732372	1.02E-04
4665	497760.8	3732364	1.02E-04
4666	497775.2	3732355	1.03E-04
4667	497784.8	3732355	1.05E-04
4668	497794.4	3732354	1.06E-04
4669	497804	3732354	1.07E-04
4670	497813.6	3732354	1.09E-04
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4672	497832.8	3732353	1.11E-04
4673	497842.4	3732352	1.13E-04
4674	497852	3732352	1.14E-04
4675	497861.6	3732352	1.16E-04
4676	497871.2	3732351	1.17E-04
4677	497880.8	3732351	1.19E-04
4678	497890.4	3732350	1.20E-04
4679	497900	3732350	1.22E-04

4680	497909.6	3732350	1.24E-04
4681	497919.2	3732349	1.25E-04
4682	497928.8	3732349	1.27E-04
4683	497938.4	3732348	1.29E-04
4684	497948	3732348	1.31E-04
4685	497957.6	3732348	1.33E-04
4686	497967.2	3732347	1.35E-04
4687	497976.8	3732347	1.37E-04
4688	497986.4	3732347	1.39E-04
4689	497996	3732346	1.41E-04
4690	498005.6	3732346	1.43E-04
4691	498015.2	3732345	1.45E-04
4692	498024.8	3732345	1.48E-04
4693	498034.4	3732345	1.50E-04
4694	498044	3732344	1.52E-04
4695	498053.6	3732344	1.55E-04
4696	498063.2	3732343	1.57E-04
4697	498072.8	3732343	1.60E-04
4698	498082.4	3732343	1.62E-04
4699	498092	3732342	1.65E-04
4700	498101.6	3732342	1.68E-04
4701	498111.2	3732341	1.71E-04
4702	498120.8	3732341	1.74E-04
4703	498130.4	3732341	1.76E-04
4704	498140	3732340	1.79E-04
4705	498149.6	3732340	1.82E-04
4706	498159.2	3732339	1.85E-04
4707	498168.8	3732339	1.89E-04
4708	498178.4	3732339	1.92E-04
4709	498188	3732338	1.95E-04
4710	498197.6	3732338	1.98E-04
4711	498207.2	3732337	2.02E-04
4712	498216.8	3732337	2.05E-04
4713	498226.4	3732337	2.08E-04
4714	498236	3732336	2.12E-04
4715	498245.6	3732336	2.15E-04
4716	498255.3	3732335	2.19E-04
4717	498264.9	3732335	2.22E-04
4718	498274.5	3732335	2.26E-04
4719	498284.1	3732334	2.30E-04
4720	498293.7	3732334	2.33E-04
4721	498303.3	3732333	2.37E-04
4722	498312.9	3732333	2.41E-04
4723	498322.5	3732333	2.44E-04
4724	498332.1	3732332	2.48E-04
4725	498341.7	3732332	2.51E-04
4726	498351.3	3732331	2.55E-04
4727	498360.9	3732331	2.59E-04
4728	498370.5	3732331	2.62E-04
4729	498380.1	3732330	2.66E-04
4730	498389.7	3732330	2.69E-04
4731	498399.3	3732329	2.73E-04

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4733	497589.4	3732565	9.87E-05
4734	497594.2	3732557	9.86E-05
4735	497598.9	3732549	9.85E-05
4736	497603.6	3732540	9.84E-05
4737	497608.3	3732532	9.83E-05
4738	497613	3732524	9.82E-05
4739	497617.8	3732515	9.81E-05
4740	497622.5	3732507	9.79E-05
4741	497627.2	3732499	9.78E-05
4742	497631.9	3732490	9.77E-05
4743	497636.6	3732482	9.75E-05
4744	497641.4	3732474	9.74E-05
4745	497646.1	3732465	9.72E-05
4746	497650.8	3732457	9.71E-05
4747	497655.5	3732449	9.69E-05
4748	497660.2	3732440	9.68E-05
4749	497665	3732432	9.66E-05
4750	497669.7	3732424	9.65E-05
4751	497674.4	3732415	9.63E-05
4752	497679.1	3732407	9.62E-05
4753	497683.8	3732399	9.60E-05
4754	497688.6	3732390	9.58E-05
4755	497693.3	3732382	9.57E-05
4756	497698	3732374	9.55E-05
4757	497702.7	3732365	9.53E-05
4758	497707.4	3732357	9.52E-05
4759	497712.2	3732349	9.50E-05
4760	497716.9	3732340	9.48E-05
4761	497721.6	3732332	9.47E-05
4762	497726.3	3732324	9.45E-05
4763	497731	3732315	9.44E-05
4764	497745.3	3732306	9.53E-05
4765	497754.9	3732306	9.64E-05
4766	497764.5	3732306	9.75E-05
4767	497774.1	3732305	9.86E-05
4768	497783.6	3732305	9.98E-05
4769	497793.2	3732304	1.01E-04
4770	497802.8	3732304	1.02E-04
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4773	497831.5	3732303	1.06E-04
4774	497841.1	3732303	1.07E-04
4775	497850.7	3732302	1.09E-04
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4777	497869.8	3732301	1.11E-04
4778	497879.4	3732301	1.13E-04
4779	497889	3732301	1.14E-04
4780	497898.6	3732300	1.16E-04
4781	497908.1	3732300	1.17E-04
4782	497917.7	3732299	1.19E-04
4783	497927.3	3732299	1.20E-04

4784	497936.9	3732299	1.22E-04
4785	497946.4	3732298	1.24E-04
4786	497956	3732298	1.26E-04
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4788	497975.2	3732297	1.29E-04
4789	497984.7	3732297	1.31E-04
4790	497994.3	3732296	1.33E-04
4791	498003.9	3732296	1.35E-04
4792	498013.5	3732295	1.37E-04
4793	498023.1	3732295	1.39E-04
4794	498032.6	3732295	1.41E-04
4795	498042.2	3732294	1.43E-04
4796	498051.8	3732294	1.45E-04
4797	498061.4	3732293	1.48E-04
4798	498070.9	3732293	1.50E-04
4799	498080.5	3732293	1.52E-04
4800	498090.1	3732292	1.55E-04
4801	498099.7	3732292	1.57E-04
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4803	498118.8	3732291	1.62E-04
4804	498128.4	3732291	1.65E-04
4805	498138	3732290	1.67E-04
4806	498147.5	3732290	1.70E-04
4807	498157.1	3732289	1.73E-04
4808	498166.7	3732289	1.75E-04
4809	498176.3	3732289	1.78E-04
4810	498185.9	3732288	1.81E-04
4811	498195.4	3732288	1.84E-04
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4813	498214.6	3732287	1.90E-04
4814	498224.2	3732287	1.93E-04
4815	498233.7	3732286	1.96E-04
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4817	498252.9	3732286	2.02E-04
4818	498262.5	3732285	2.05E-04
4819	498272	3732285	2.08E-04
4820	498281.6	3732284	2.12E-04
4821	498291.2	3732284	2.15E-04
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4823	498492.3	3732276	2.79E-04
4824	498501.9	3732275	2.81E-04
4825	498511.4	3732275	2.84E-04
4826	498521	3732274	2.86E-04
4827	498530.6	3732274	2.89E-04
4828	497337.9	3733191	1.07E-04
4829	497337.8	3733201	1.08E-04
4830	497337.8	3733210	1.08E-04
4831	497337.7	3733220	1.09E-04
4832	497337.6	3733230	1.10E-04
4833	497337.5	3733239	1.10E-04
4834	497337.5	3733249	1.11E-04
4835	497536.4	3732558	9.18E-05

4836	497541.2	3732549	9.17E-05
4837	497545.9	3732541	9.17E-05
4838	497550.6	3732533	9.16E-05
4839	497555.3	3732524	9.15E-05
4840	497560	3732516	9.14E-05
4841	497564.7	3732508	9.13E-05
4842	497569.4	3732499	9.12E-05
4843	497574.1	3732491	9.11E-05
4844	497578.8	3732483	9.10E-05
4845	497583.5	3732474	9.09E-05
4846	497588.2	3732466	9.08E-05
4847	497592.9	3732458	9.07E-05
4848	497597.7	3732450	9.05E-05
4849	497602.4	3732441	9.04E-05
4850	497607.1	3732433	9.03E-05
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4852	497616.5	3732416	9.00E-05
4853	497621.2	3732408	8.99E-05
4854	497625.9	3732400	8.97E-05
4855	497630.6	3732391	8.96E-05
4856	497635.3	3732383	8.94E-05
4857	497640	3732375	8.93E-05
4858	497644.7	3732366	8.91E-05
4859	497649.5	3732358	8.90E-05
4860	497654.2	3732350	8.89E-05
4861	497658.9	3732341	8.87E-05
4862	497663.6	3732333	8.86E-05
4863	497668.3	3732325	8.84E-05
4864	497673	3732316	8.83E-05
4865	497677.7	3732308	8.81E-05
4866	497682.4	3732300	8.80E-05
4867	497687.1	3732291	8.78E-05
4868	497691.8	3732283	8.77E-05
4869	497696.5	3732275	8.75E-05
4870	497701.3	3732266	8.74E-05
4871	497715.5	3732258	8.82E-05
4872	497725.1	3732257	8.91E-05
4873	497734.6	3732257	9.01E-05
4874	497744.2	3732257	9.11E-05
4875	497753.7	3732256	9.21E-05
4876	497763.3	3732256	9.31E-05
4877	497772.8	3732255	9.41E-05
4878	497782.4	3732255	9.52E-05
4879	497792	3732255	9.63E-05
4880	497801.5	3732254	9.74E-05
4881	497811.1	3732254	9.85E-05
4882	497820.6	3732253	9.97E-05
4883	497830.2	3732253	1.01E-04
4884	497839.7	3732253	1.02E-04
4885	497849.3	3732252	1.03E-04
4886	497858.8	3732252	1.05E-04
4887	497868.4	3732251	1.06E-04

4888	497877.9	3732251	1.07E-04
4889	497887.5	3732251	1.09E-04
4890	497897.1	3732250	1.10E-04
4891	497906.6	3732250	1.11E-04
4892	497916.2	3732249	1.13E-04
4893	497925.7	3732249	1.14E-04
4894	497935.3	3732249	1.16E-04
4895	497944.8	3732248	1.17E-04
4896	497954.4	3732248	1.19E-04
4897	497963.9	3732247	1.21E-04
4898	497973.5	3732247	1.22E-04
4899	497983	3732247	1.24E-04
4900	497992.6	3732246	1.26E-04
4901	498002.1	3732246	1.27E-04
4902	498011.7	3732245	1.29E-04
4903	498021.3	3732245	1.31E-04
4904	498030.8	3732245	1.33E-04
4905	498040.4	3732244	1.35E-04
4906	498049.9	3732244	1.37E-04
4907	498059.5	3732244	1.39E-04
4908	498069	3732243	1.41E-04
4909	498078.6	3732243	1.43E-04
4910	498088.1	3732242	1.45E-04
4911	498097.7	3732242	1.47E-04
4912	498107.2	3732242	1.50E-04
4913	498116.8	3732241	1.52E-04
4914	498126.4	3732241	1.54E-04
4915	498135.9	3732240	1.57E-04
4916	498145.5	3732240	1.59E-04
4917	498155	3732240	1.61E-04
4918	498164.6	3732239	1.64E-04
4919	498174.1	3732239	1.66E-04
4920	498183.7	3732238	1.69E-04
4921	497280.7	3733200	9.91E-05
4922	497280.6	3733210	9.97E-05
4923	497280.5	3733220	1.00E-04
4924	497280.5	3733229	1.01E-04
4925	497280.4	3733239	1.01E-04
4926	497280.3	3733248	1.02E-04
4927	497495.7	3732528	8.55E-05
4928	497500.5	3732520	8.54E-05
4929	497505.2	3732512	8.54E-05
4930	497510	3732503	8.53E-05
4931	497514.7	3732495	8.52E-05
4932	497519.5	3732486	8.52E-05
4933	497524.2	3732478	8.51E-05
4934	497528.9	3732470	8.50E-05
4935	497533.7	3732461	8.49E-05
4936	497538.4	3732453	8.48E-05
4937	497543.2	3732444	8.47E-05
4938	497547.9	3732436	8.46E-05
4939	497552.7	3732428	8.45E-05

4940	497557.4	3732419	8.44E-05
4941	497562.2	3732411	8.42E-05
4942	497566.9	3732402	8.41E-05
4943	497571.7	3732394	8.40E-05
4944	497576.4	3732386	8.39E-05
4945	497581.2	3732377	8.38E-05
4946	497585.9	3732369	8.36E-05
4947	497590.7	3732360	8.35E-05
4948	497595.4	3732352	8.34E-05
4949	497600.2	3732344	8.32E-05
4950	497604.9	3732335	8.31E-05
4951	497609.7	3732327	8.30E-05
4952	497614.4	3732318	8.28E-05
4953	497619.2	3732310	8.27E-05
4954	497623.9	3732302	8.26E-05
4955	497628.7	3732293	8.24E-05
4956	497633.4	3732285	8.23E-05
4957	497638.2	3732276	8.22E-05
4958	497642.9	3732268	8.20E-05
4959	497647.7	3732260	8.19E-05
4960	497652.4	3732251	8.18E-05
4961	497657.2	3732243	8.16E-05
4962	497661.9	3732235	8.15E-05
4963	497666.7	3732226	8.14E-05
4964	497671.4	3732218	8.12E-05
4965	497685.8	3732209	8.19E-05
4966	497695.4	3732209	8.27E-05
4967	497705.1	3732208	8.36E-05
4968	497714.7	3732208	8.45E-05
4969	497724.3	3732207	8.54E-05
4970	497734	3732207	8.63E-05
4971	497743.6	3732207	8.72E-05
4972	497753.2	3732206	8.81E-05
4973	497762.9	3732206	8.91E-05
4974	497772.5	3732205	9.01E-05
4975	497782.2	3732205	9.11E-05
4976	497791.8	3732205	9.21E-05
4977	497801.4	3732204	9.32E-05
4978	497811.1	3732204	9.42E-05
4979	497820.7	3732203	9.53E-05
4980	497830.3	3732203	9.64E-05
4981	497840	3732203	9.76E-05
4982	497849.6	3732202	9.87E-05
4983	497859.2	3732202	9.99E-05
4984	497868.9	3732201	1.01E-04
4985	497878.5	3732201	1.02E-04
4986	497888.1	3732201	1.04E-04
4987	497897.8	3732200	1.05E-04
4988	497907.4	3732200	1.06E-04
4989	497917.1	3732199	1.08E-04
4990	497926.7	3732199	1.09E-04
4991	497936.3	3732199	1.10E-04

4992	497946	3732198	1.12E-04
4993	497955.6	3732198	1.13E-04
4994	497965.2	3732197	1.15E-04
4995	497974.9	3732197	1.16E-04
4996	497984.5	3732197	1.18E-04
4997	497994.1	3732196	1.20E-04
4998	498003.8	3732196	1.21E-04
4999	498013.4	3732195	1.23E-04
5000	498023	3732195	1.25E-04
5001	498032.7	3732195	1.26E-04
5002	497224.7	3733045	8.42E-05
5003	497224.6	3733055	8.47E-05
5004	497224.6	3733065	8.51E-05
5005	497224.5	3733074	8.56E-05
5006	497224.4	3733084	8.61E-05
5007	497224.4	3733094	8.65E-05
5008	497224.3	3733103	8.70E-05
5009	497224.2	3733113	8.75E-05
5010	497224.1	3733123	8.79E-05
5011	497224.1	3733132	8.84E-05
5012	497224	3733142	8.89E-05
5013	497223.9	3733152	8.93E-05
5014	497223.8	3733161	8.98E-05
5015	497223.8	3733171	9.03E-05
5016	497223.7	3733180	9.07E-05
5017	497223.6	3733190	9.12E-05
5018	497223.6	3733200	9.17E-05
5019	497223.5	3733209	9.22E-05
5020	497223.4	3733219	9.26E-05
5021	497223.3	3733229	9.31E-05
5022	497223.3	3733238	9.36E-05
5023	497223.2	3733248	9.41E-05
5024	497447.4	3732512	7.99E-05
5025	497452.1	3732504	7.99E-05
5026	497456.9	3732496	7.98E-05
5027	497461.6	3732487	7.98E-05
5028	497466.3	3732479	7.97E-05
5029	497471.1	3732470	7.97E-05
5030	497475.8	3732462	7.96E-05
5031	497480.6	3732454	7.95E-05
5032	497485.3	3732445	7.95E-05
5033	497490	3732437	7.94E-05
5034	497494.8	3732429	7.93E-05
5035	497499.5	3732420	7.92E-05
5036	497504.2	3732412	7.91E-05
5037	497509	3732403	7.90E-05
5038	497513.7	3732395	7.89E-05
5039	497518.5	3732387	7.88E-05
5040	497523.2	3732378	7.87E-05
5041	497527.9	3732370	7.86E-05
5042	497532.7	3732362	7.85E-05
5043	497537.4	3732353	7.84E-05

5044	497542.1	3732345	7.83E-05
5045	497546.9	3732336	7.82E-05
5046	497551.6	3732328	7.81E-05
5047	497556.4	3732320	7.79E-05
5048	497561.1	3732311	7.78E-05
5049	497565.8	3732303	7.77E-05
5050	497570.6	3732295	7.76E-05
5051	497575.3	3732286	7.75E-05
5052	497580	3732278	7.73E-05
5053	497584.8	3732269	7.72E-05
5054	497589.5	3732261	7.71E-05
5055	497594.3	3732253	7.70E-05
5056	497599	3732244	7.69E-05
5057	497603.7	3732236	7.67E-05
5058	497608.5	3732228	7.66E-05
5059	497613.2	3732219	7.65E-05
5060	497617.9	3732211	7.64E-05
5061	497622.7	3732202	7.62E-05
5062	497627.4	3732194	7.61E-05
5063	497632.2	3732186	7.60E-05
5064	497636.9	3732177	7.59E-05
5065	497641.6	3732169	7.58E-05
5066	497656	3732160	7.64E-05
5067	497665.6	3732160	7.71E-05
5068	497675.2	3732159	7.79E-05
5069	497684.8	3732159	7.86E-05
5070	497694.4	3732159	7.94E-05
5071	497704	3732158	8.02E-05
5072	497713.7	3732158	8.10E-05
5073	497723.3	3732157	8.18E-05
5074	497732.9	3732157	8.27E-05
5075	497742.5	3732157	8.35E-05
5076	497752.1	3732156	8.44E-05
5077	497761.7	3732156	8.53E-05
5078	497771.3	3732155	8.62E-05
5079	497780.9	3732155	8.72E-05
5080	497790.6	3732155	8.81E-05
5081	497800.2	3732154	8.91E-05
5082	497809.8	3732154	9.01E-05
5083	497819.4	3732153	9.11E-05
5084	497829	3732153	9.21E-05
5085	497838.6	3732153	9.32E-05
5086	497848.2	3732152	9.42E-05
5087	497857.8	3732152	9.53E-05
5088	497867.5	3732151	9.64E-05
5089	497877.1	3732151	9.76E-05
5090	497886.7	3732151	9.88E-05
5091	497896.3	3732150	1.00E-04
5092	497905.9	3732150	1.01E-04
5093	497915.5	3732149	1.02E-04
5094	497925.1	3732149	1.04E-04
5095	497934.7	3732149	1.05E-04

5096	497944.3	3732148	1.06E-04
5097	497954	3732148	1.08E-04
5098	497167.6	3733045	7.85E-05
5099	497167.5	3733055	7.90E-05
5100	497167.4	3733064	7.94E-05
5101	497167.4	3733074	7.98E-05
5102	497167.3	3733084	8.02E-05
5103	497167.2	3733093	8.06E-05
5104	497167.1	3733103	8.10E-05
5105	497167.1	3733112	8.14E-05
5106	497167	3733122	8.18E-05
5107	497166.9	3733132	8.22E-05
5108	497166.8	3733141	8.27E-05
5109	497166.8	3733151	8.31E-05
5110	497166.7	3733161	8.35E-05
5111	497166.6	3733170	8.39E-05
5112	497166.6	3733180	8.43E-05
5113	497166.5	3733190	8.47E-05
5114	497166.4	3733199	8.52E-05
5115	497166.3	3733209	8.56E-05
5116	497166.3	3733219	8.60E-05
5117	497166.2	3733228	8.64E-05
5118	497166.1	3733238	8.68E-05
5119	497166	3733248	8.72E-05
5120	497337.4	3733265	1.12E-04
5121	497337.4	3733275	1.13E-04
5122	497337.4	3733285	1.13E-04
5123	497337.4	3733295	1.14E-04
5124	497337.4	3733305	1.14E-04
5125	497337.4	3733315	1.15E-04
5126	497337.4	3733324	1.16E-04
5127	497337.4	3733334	1.16E-04
5128	497337.4	3733344	1.17E-04
5129	497337.4	3733354	1.18E-04
5130	497337.4	3733364	1.18E-04
5131	497337.4	3733374	1.19E-04
5132	497337.4	3733384	1.20E-04
5133	497337.4	3733394	1.20E-04
5134	497337.4	3733404	1.21E-04
5135	497337.4	3733413	1.21E-04
5136	497337.4	3733423	1.22E-04
5137	497337.4	3733433	1.23E-04
5138	497337.4	3733443	1.23E-04
5139	497337.4	3733453	1.24E-04
5140	497337.4	3733463	1.25E-04
5141	497337.4	3733473	1.25E-04
5142	497337.4	3733483	1.26E-04
5143	497337.4	3733493	1.26E-04
5144	497337.4	3733502	1.27E-04
5145	497337.4	3733512	1.28E-04
5146	497337.4	3733522	1.28E-04
5147	497337.4	3733532	1.29E-04

5148	497337.4	3733542	1.30E-04
5149	497337.4	3733552	1.30E-04
5150	497280.3	3733265	1.03E-04
5151	497280.3	3733275	1.03E-04
5152	497280.3	3733285	1.04E-04
5153	497280.3	3733295	1.05E-04
5154	497280.3	3733305	1.05E-04
5155	497280.3	3733315	1.06E-04
5156	497280.3	3733324	1.06E-04
5157	497280.3	3733334	1.07E-04
5158	497280.3	3733344	1.07E-04
5159	497280.3	3733354	1.08E-04
5160	497280.3	3733364	1.08E-04
5161	497280.3	3733374	1.09E-04
5162	497280.3	3733384	1.09E-04
5163	497280.3	3733394	1.10E-04
5164	497280.3	3733404	1.11E-04
5165	497280.3	3733413	1.11E-04
5166	497280.3	3733423	1.12E-04
5167	497280.3	3733433	1.12E-04
5168	497280.3	3733443	1.13E-04
5169	497280.3	3733453	1.13E-04
5170	497280.3	3733463	1.14E-04
5171	497280.3	3733473	1.14E-04
5172	497280.3	3733483	1.15E-04
5173	497280.3	3733493	1.15E-04
5174	497280.3	3733502	1.16E-04
5175	497280.3	3733512	1.16E-04
5176	497280.3	3733522	1.17E-04
5177	497280.3	3733532	1.17E-04
5178	497280.3	3733542	1.18E-04
5179	497280.3	3733552	1.19E-04
5180	497223.2	3733265	9.49E-05
5181	497223.2	3733275	9.54E-05
5182	497223.2	3733285	9.59E-05
5183	497223.2	3733295	9.64E-05
5184	497223.2	3733305	9.69E-05
5185	497223.2	3733315	9.74E-05
5186	497223.2	3733324	9.79E-05
5187	497223.2	3733334	9.84E-05
5188	497223.2	3733344	9.89E-05
5189	497223.2	3733354	9.93E-05
5190	497223.2	3733364	9.98E-05
5191	497223.2	3733374	1.00E-04
5192	497223.2	3733384	1.01E-04
5193	497223.2	3733394	1.01E-04
5194	497223.2	3733404	1.02E-04
5195	497223.2	3733413	1.02E-04
5196	497223.2	3733423	1.03E-04
5197	497223.2	3733433	1.03E-04
5198	497223.2	3733443	1.04E-04
5199	497223.2	3733453	1.04E-04

5200	497223.2	3733463	1.04E-04
5201	497223.2	3733473	1.05E-04
5202	497223.2	3733483	1.05E-04
5203	497223.2	3733493	1.06E-04
5204	497223.2	3733502	1.06E-04
5205	497223.2	3733512	1.07E-04
5206	497223.2	3733522	1.07E-04
5207	497223.2	3733532	1.08E-04
5208	497223.2	3733542	1.08E-04
5209	497223.2	3733552	1.09E-04
5210	497166	3733265	8.80E-05
5211	497166	3733275	8.84E-05
5212	497166	3733285	8.89E-05
5213	497166	3733295	8.93E-05
5214	497166	3733305	8.98E-05
5215	497166	3733315	9.02E-05
5216	497166	3733324	9.06E-05
5217	497166	3733334	9.11E-05
5218	497166	3733344	9.15E-05
5219	497166	3733354	9.19E-05
5220	497166	3733364	9.23E-05
5221	497166	3733374	9.27E-05
5222	497166	3733384	9.31E-05
5223	497166	3733394	9.35E-05
5224	497166	3733404	9.39E-05
5225	497166	3733413	9.44E-05
5226	497166	3733423	9.48E-05
5227	497166	3733433	9.52E-05
5228	497166	3733443	9.56E-05
5229	497166	3733453	9.60E-05
5230	497166	3733463	9.64E-05
5231	497166	3733473	9.68E-05
5232	497166	3733483	9.72E-05
5233	497166	3733493	9.76E-05
5234	497166	3733502	9.80E-05
5235	497166	3733512	9.84E-05
5236	497166	3733522	9.88E-05
5237	497166	3733532	9.91E-05
5238	497166	3733542	9.95E-05
5239	497166	3733552	9.99E-05
5240	499057.2	3734069	2.11E-04
5241	499203.4	3734090	1.50E-04
5242	499336.5	3733957	1.13E-04
5243	499337.3	3733926	1.12E-04
5244	498980.5	3734032	2.59E-04

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 3525 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
498156.01000	3733581.38000	4.6419000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498155.86000	3733590.85000	4.7091000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498155.71000	3733600.32000	4.7731000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498146.01000	3733581.22000	4.3389000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498145.86000	3733590.69000	4.4011000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498145.71000	3733600.16000	4.4618000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498136.01000	3733581.06000	4.0839000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498135.86000	3733590.54000	4.1429000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498135.71000	3733600.01000	4.2017000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498126.02000	3733580.91000	3.8668000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498125.87000	3733590.38000	3.9237000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498125.72000	3733599.85000	3.9815000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498116.02000	3733580.75000	3.6794000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498115.87000	3733590.22000	3.7350000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498115.72000	3733599.69000	3.7925000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498106.02000	3733580.59000	3.5163000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498105.87000	3733590.06000	3.5713000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498105.72000	3733599.53000	3.6288000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498096.02000	3733580.43000	3.3731000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498095.87000	3733589.90000	3.4278000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498095.72000	3733599.37000	3.4856000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498086.02000	3733580.27000	3.2465000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498085.87000	3733589.74000	3.3011000e+00	-99	-99	-99	PERIOD	ALL	00000000	
498085.72000	3733599.21000	3.3594000e+00	-99	-99	-99	PERIOD	ALL	00000000	
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498882.51000	3734205.29000	1.1699000e+00	-99	-99	-99	PERIOD	ALL	00000000
498873.47000	3734208.99000	1.1490000e+00	-99	-99	-99	PERIOD	ALL	00000000
498864.44000	3734212.69000	1.1298000e+00	-99	-99	-99	PERIOD	ALL	00000000
498855.41000	3734216.39000	1.1122000e+00	-99	-99	-99	PERIOD	ALL	00000000
498846.38000	3734220.09000	1.0960000e+00	-99	-99	-99	PERIOD	ALL	00000000
498837.35000	3734223.79000	1.0810000e+00	-99	-99	-99	PERIOD	ALL	00000000
498828.32000	3734227.49000	1.0671000e+00	-99	-99	-99	PERIOD	ALL	00000000
498819.29000	3734231.19000	1.0541000e+00	-99	-99	-99	PERIOD	ALL	00000000
498810.25000	3734234.89000	1.0420000e+00	-99	-99	-99	PERIOD	ALL	00000000
498801.22000	3734238.59000	1.0307000e+00	-99	-99	-99	PERIOD	ALL	00000000
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498986.32000	3734219.83000	1.1836000e+00	-99	-99	-99	PERIOD	ALL	00000000
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498968.44000	3734227.16000	1.1305000e+00	-99	-99	-99	PERIOD	ALL	00000000
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498923.73000	3734245.47000	1.0328000e+00	-99	-99	-99	PERIOD	ALL	00000000
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498896.91000	3734256.45000	9.9024000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498879.03000	3734263.78000	9.6639000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498917.93000	3734304.91000	8.6436000e-01	-99	-99	-99	PERIOD	ALL	00000000
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497829.47000	3733127.14000	9.4108000e-01	-99	-99	-99	PERIOD	ALL	00000000
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497829.32000	3733146.45000	9.6551000e-01	-99	-99	-99	PERIOD	ALL	00000000
497829.25000	3733156.11000	9.7796000e-01	-99	-99	-99	PERIOD	ALL	00000000
497829.18000	3733165.76000	9.9055000e-01	-99	-99	-99	PERIOD	ALL	00000000
497829.11000	3733175.42000	1.0033000e+00	-99	-99	-99	PERIOD	ALL	00000000
497829.03000	3733185.07000	1.0162000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.96000	3733194.72000	1.0293000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.89000	3733204.38000	1.0425000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.81000	3733214.03000	1.0559000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.74000	3733223.69000	1.0683000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.67000	3733233.34000	1.0741000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.59000	3733243.00000	1.0545000e+00	-99	-99	-99	PERIOD	ALL	00000000
497828.52000	3733252.65000	1.0632000e+00	-99	-99	-99	PERIOD	ALL	00000000
497797.57000	3733002.66000	7.6831000e-01	-99	-99	-99	PERIOD	ALL	00000000
497802.29000	3732994.32000	7.6540000e-01	-99	-99	-99	PERIOD	ALL	00000000
497807.02000	3732985.97000	7.6231000e-01	-99	-99	-99	PERIOD	ALL	00000000
497811.74000	3732977.62000	7.5906000e-01	-99	-99	-99	PERIOD	ALL	00000000
497816.46000	3732969.28000	7.5504000e-01	-99	-99	-99	PERIOD	ALL	00000000
497821.18000	3732960.93000	7.5080000e-01	-99	-99	-99	PERIOD	ALL	00000000
497825.90000	3732952.59000	7.4652000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.85000	3733011.01000	7.7196000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.78000	3733020.66000	7.8174000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.70000	3733030.32000	7.9164000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.63000	3733039.97000	8.0165000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.56000	3733049.62000	8.1179000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.48000	3733059.28000	8.2205000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.41000	3733068.93000	8.3215000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.34000	3733078.59000	8.4177000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.27000	3733088.24000	8.5159000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.19000	3733097.90000	8.6167000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.12000	3733107.55000	8.7226000e-01	-99	-99	-99	PERIOD	ALL	00000000
497792.05000	3733117.21000	8.8299000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.97000	3733126.86000	8.9387000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.90000	3733136.51000	9.0516000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.83000	3733146.17000	9.1660000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.75000	3733155.82000	9.2818000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.68000	3733165.48000	9.3993000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.61000	3733175.13000	9.5183000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.53000	3733184.79000	9.6390000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.46000	3733194.44000	9.7614000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.39000	3733204.09000	9.8856000e-01	-99	-99	-99	PERIOD	ALL	00000000
497791.31000	3733213.75000	1.0012000e+00	-99	-99	-99	PERIOD	ALL	00000000
497791.24000	3733223.40000	1.0131000e+00	-99	-99	-99	PERIOD	ALL	00000000
497791.17000	3733233.06000	1.0250000e+00	-99	-99	-99	PERIOD	ALL	00000000
497791.09000	3733242.71000	1.0386000e+00	-99	-99	-99	PERIOD	ALL	00000000
497791.02000	3733252.37000	1.0462000e+00	-99	-99	-99	PERIOD	ALL	00000000
497760.05000	3733002.42000	7.3604000e-01	-99	-99	-99	PERIOD	ALL	00000000
497764.75000	3732994.11000	7.3254000e-01	-99	-99	-99	PERIOD	ALL	00000000
497769.45000	3732985.81000	7.2921000e-01	-99	-99	-99	PERIOD	ALL	00000000
497774.15000	3732977.50000	7.2613000e-01	-99	-99	-99	PERIOD	ALL	00000000
497778.85000	3732969.19000	7.2237000e-01	-99	-99	-99	PERIOD	ALL	00000000
497783.55000	3732960.89000	7.1845000e-01	-99	-99	-99	PERIOD	ALL	00000000
497788.25000	3732952.58000	7.1450000e-01	-99	-99	-99	PERIOD	ALL	00000000
497755.35000	3733010.72000	7.3986000e-01	-99	-99	-99	PERIOD	ALL	00000000
497755.28000	3733020.38000	7.4827000e-01	-99	-99	-99	PERIOD	ALL	00000000
497755.21000	3733030.03000	7.5686000e-01	-99	-99	-99	PERIOD	ALL	00000000
497755.13000	3733039.69000	7.6581000e-01	-99	-99	-99	PERIOD	ALL	00000000
497755.06000	3733049.34000	7.7524000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.99000	3733058.99000	7.8478000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.91000	3733068.65000	7.9445000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.84000	3733078.30000	8.0424000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.77000	3733087.96000	8.1417000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.69000	3733097.61000	8.2410000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.62000	3733107.27000	8.3375000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.55000	3733116.92000	8.4354000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.47000	3733126.58000	8.5349000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.40000	3733136.23000	8.6354000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.33000	3733145.88000	8.7375000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.25000	3733155.54000	8.8413000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.18000	3733165.19000	8.9515000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.11000	3733174.85000	9.0637000e-01	-99	-99	-99	PERIOD	ALL	00000000
497754.03000	3733184.50000	9.1774000e-01	-99	-99	-99	PERIOD	ALL	00000000
497753.96000	3733194.16000	9.2931000e-01	-99	-99	-99	PERIOD	ALL	00000000

497753.89000	3733203.81000	9.4105000e-01	-99	-99	-99	PERIOD	ALL	00000000
497753.81000	3733213.46000	9.5298000e-01	-99	-99	-99	PERIOD	ALL	00000000
497753.74000	3733223.12000	9.6513000e-01	-99	-99	-99	PERIOD	ALL	00000000
497753.67000	3733232.77000	9.7749000e-01	-99	-99	-99	PERIOD	ALL	00000000
497753.60000	3733242.43000	9.9008000e-01	-99	-99	-99	PERIOD	ALL	00000000
497753.52000	3733252.08000	1.0019000e+00	-99	-99	-99	PERIOD	ALL	00000000
497722.53000	3733002.17000	7.0697000e-01	-99	-99	-99	PERIOD	ALL	00000000
497727.21000	3732993.89000	7.0333000e-01	-99	-99	-99	PERIOD	ALL	00000000
497731.90000	3732985.62000	6.9971000e-01	-99	-99	-99	PERIOD	ALL	00000000
497736.58000	3732977.35000	6.9607000e-01	-99	-99	-99	PERIOD	ALL	00000000
497741.26000	3732969.07000	6.9241000e-01	-99	-99	-99	PERIOD	ALL	00000000
497745.94000	3732960.80000	6.8875000e-01	-99	-99	-99	PERIOD	ALL	00000000
497750.62000	3732952.53000	6.8507000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.85000	3733010.44000	7.1021000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.78000	3733020.09000	7.1781000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.71000	3733029.75000	7.2519000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.63000	3733039.40000	7.3322000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.56000	3733049.06000	7.4206000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.49000	3733058.71000	7.5102000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.41000	3733068.36000	7.6008000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.34000	3733078.02000	7.6929000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.27000	3733087.67000	7.7861000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.19000	3733097.33000	7.8807000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.12000	3733106.98000	7.9766000e-01	-99	-99	-99	PERIOD	ALL	00000000
497717.05000	3733116.64000	8.0739000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.97000	3733126.29000	8.1722000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.90000	3733135.95000	8.2613000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.83000	3733145.60000	8.3531000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.75000	3733155.25000	8.4471000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.68000	3733164.91000	8.5513000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.61000	3733174.56000	8.6577000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.54000	3733184.22000	8.7659000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.46000	3733193.87000	8.8757000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.39000	3733203.53000	8.9877000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.32000	3733213.18000	9.1016000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.24000	3733222.83000	9.2175000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.17000	3733232.49000	9.3358000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.10000	3733242.14000	9.4564000e-01	-99	-99	-99	PERIOD	ALL	00000000
497716.02000	3733251.80000	9.5795000e-01	-99	-99	-99	PERIOD	ALL	00000000
497685.02000	3733001.91000	6.7855000e-01	-99	-99	-99	PERIOD	ALL	00000000
497689.68000	3732993.66000	6.7509000e-01	-99	-99	-99	PERIOD	ALL	00000000
497694.35000	3732985.42000	6.7165000e-01	-99	-99	-99	PERIOD	ALL	00000000
497699.02000	3732977.17000	6.6820000e-01	-99	-99	-99	PERIOD	ALL	00000000
497703.68000	3732968.93000	6.6475000e-01	-99	-99	-99	PERIOD	ALL	00000000
497708.35000	3732960.68000	6.6131000e-01	-99	-99	-99	PERIOD	ALL	00000000
497713.01000	3732952.44000	6.5786000e-01	-99	-99	-99	PERIOD	ALL	00000000
497680.35000	3733010.15000	6.8201000e-01	-99	-99	-99	PERIOD	ALL	00000000
497680.28000	3733019.81000	6.9005000e-01	-99	-99	-99	PERIOD	ALL	00000000
497680.21000	3733029.46000	6.9819000e-01	-99	-99	-99	PERIOD	ALL	00000000
497680.13000	3733039.12000	7.0617000e-01	-99	-99	-99	PERIOD	ALL	00000000
497680.06000	3733048.77000	7.1368000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.99000	3733058.43000	7.2103000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.91000	3733068.08000	7.2879000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.84000	3733077.73000	7.3745000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.77000	3733087.39000	7.4628000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.70000	3733097.04000	7.5520000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.62000	3733106.70000	7.6429000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.55000	3733116.35000	7.7352000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.48000	3733126.01000	7.8290000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.40000	3733135.66000	7.9241000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.33000	3733145.32000	8.0209000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.26000	3733154.97000	8.1192000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.18000	3733164.62000	8.2191000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.11000	3733174.28000	8.3209000e-01	-99	-99	-99	PERIOD	ALL	00000000
497679.04000	3733183.93000	8.4245000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.96000	3733193.59000	8.5213000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.89000	3733203.24000	8.6190000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.82000	3733212.90000	8.7196000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.74000	3733222.55000	8.8284000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.67000	3733232.21000	8.9423000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.60000	3733241.86000	9.0586000e-01	-99	-99	-99	PERIOD	ALL	00000000
497678.52000	3733251.51000	9.1774000e-01	-99	-99	-99	PERIOD	ALL	00000000
497647.59000	3733001.49000	6.5215000e-01	-99	-99	-99	PERIOD	ALL	00000000
497652.33000	3732993.12000	6.4877000e-01	-99	-99	-99	PERIOD	ALL	00000000
497657.07000	3732984.74000	6.4542000e-01	-99	-99	-99	PERIOD	ALL	00000000
497661.81000	3732976.36000	6.4208000e-01	-99	-99	-99	PERIOD	ALL	00000000
497666.55000	3732967.98000	6.3901000e-01	-99	-99	-99	PERIOD	ALL	00000000
497671.29000	3732959.61000	6.3581000e-01	-99	-99	-99	PERIOD	ALL	00000000
497676.03000	3732951.23000	6.3237000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.86000	3733009.87000	6.5552000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.78000	3733019.52000	6.6311000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.71000	3733029.18000	6.7083000e-01	-99	-99	-99	PERIOD	ALL	00000000

497642.64000	3733038.83000	6.7865000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.56000	3733048.49000	6.8658000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.49000	3733058.14000	6.9463000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.42000	3733067.80000	7.0269000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.34000	3733077.45000	7.1040000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.27000	3733087.10000	7.1818000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.20000	3733096.76000	7.2592000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.12000	3733106.41000	7.3427000e-01	-99	-99	-99	PERIOD	ALL	00000000
497642.05000	3733116.07000	7.4279000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.98000	3733125.72000	7.5145000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.90000	3733135.38000	7.6055000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.83000	3733145.03000	7.6980000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.76000	3733154.69000	7.7923000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.68000	3733164.34000	7.8880000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.61000	3733173.99000	7.9857000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.54000	3733183.65000	8.0853000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.46000	3733193.30000	8.1813000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.39000	3733202.96000	8.2781000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.32000	3733212.61000	8.3776000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.24000	3733222.27000	8.4836000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.17000	3733231.92000	8.5937000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.10000	3733241.58000	8.7066000e-01	-99	-99	-99	PERIOD	ALL	00000000
497641.03000	3733251.23000	8.8207000e-01	-99	-99	-99	PERIOD	ALL	00000000
497610.08000	3733001.24000	6.2783000e-01	-99	-99	-99	PERIOD	ALL	00000000
497614.80000	3732992.89000	6.2521000e-01	-99	-99	-99	PERIOD	ALL	00000000
497619.52000	3732984.55000	6.2219000e-01	-99	-99	-99	PERIOD	ALL	00000000
497624.24000	3732976.20000	6.1901000e-01	-99	-99	-99	PERIOD	ALL	00000000
497628.97000	3732967.86000	6.1585000e-01	-99	-99	-99	PERIOD	ALL	00000000
497633.69000	3732959.51000	6.1270000e-01	-99	-99	-99	PERIOD	ALL	00000000
497638.41000	3732951.17000	6.0956000e-01	-99	-99	-99	PERIOD	ALL	00000000
497605.36000	3733009.59000	6.3077000e-01	-99	-99	-99	PERIOD	ALL	00000000
497605.28000	3733019.24000	6.3799000e-01	-99	-99	-99	PERIOD	ALL	00000000
497605.21000	3733028.89000	6.4532000e-01	-99	-99	-99	PERIOD	ALL	00000000
497605.14000	3733038.55000	6.5278000e-01	-99	-99	-99	PERIOD	ALL	00000000
497605.06000	3733048.20000	6.6033000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.99000	3733057.86000	6.6801000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.92000	3733067.51000	6.7580000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.84000	3733077.17000	6.8372000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.77000	3733086.82000	6.9176000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.70000	3733096.47000	6.9991000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.62000	3733106.13000	7.0789000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.55000	3733115.78000	7.1596000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.48000	3733125.44000	7.2417000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.40000	3733135.09000	7.3234000e-01	-99	-99	-99	PERIOD	ALL	00000000
497604.33000	3733144.75000	7.4067000e-01	-99	-99	-99	PERIOD	ALL	00000000
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497451.72000 3733294.77000 7.9304000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733304.65000 8.0581000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733314.54000 8.1906000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733324.43000 8.3281000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733334.32000 8.4709000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733344.21000 8.6200000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733354.10000 8.7752000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733363.99000 8.9364000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733373.88000 9.1047000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733383.76000 9.2802000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733393.65000 9.4640000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733403.54000 9.6567000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733413.43000 9.8591000e-01      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733423.32000 1.0072000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733433.21000 1.0296000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733443.10000 1.0533000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733452.99000 1.0783000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733462.87000 1.1049000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733472.76000 1.1331000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733482.65000 1.1631000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733492.54000 1.1951000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733502.43000 1.2293000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733512.32000 1.2660000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733522.21000 1.3054000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733532.10000 1.3480000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733541.98000 1.3940000e+00      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733551.87000 1.4442000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733265.10000 7.1854000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733274.99000 7.2978000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733284.88000 7.4143000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733294.77000 7.5350000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733304.65000 7.6600000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733314.54000 7.7904000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733324.43000 7.9258000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733334.32000 8.0661000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733344.21000 8.2122000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733354.10000 8.3644000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733363.99000 8.5233000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733373.88000 8.6892000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733383.76000 8.8623000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733393.65000 9.0435000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733403.54000 9.2341000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733413.43000 9.4347000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733423.32000 9.6457000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733433.21000 9.8682000e-01      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733443.10000 1.0103000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733452.99000 1.0352000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733462.87000 1.0615000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733472.76000 1.0895000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733482.65000 1.1193000e+00      -99      -99      -99  PERIOD  ALL       00000000
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497394.58000 3733492.54000 1.1512000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733502.43000 1.1854000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733512.32000 1.2219000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733522.21000 1.2613000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733532.10000 1.3038000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733541.98000 1.3498000e+00      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733551.87000 1.3999000e+00      -99      -99      -99  PERIOD  ALL       00000000
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* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 3525 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE(CONC)
498156.01000	3733581.38000	8.1409000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498155.86000	3733590.85000	8.2982000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498155.71000	3733600.32000	8.4294000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498146.01000	3733581.22000	7.8870000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.86000	3733590.69000	8.0148000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.71000	3733600.16000	8.0970000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498136.01000	3733581.06000	7.6422000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.86000	3733590.54000	7.7497000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.71000	3733600.01000	7.8012000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498126.02000	3733580.91000	7.4317000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.87000	3733590.38000	7.4862000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.72000	3733599.85000	7.5501000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498116.02000	3733580.75000	7.2241000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.87000	3733590.22000	7.2390000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.72000	3733599.69000	7.3263000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498106.02000	3733580.59000	7.0246000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498105.87000	3733590.06000	7.0445000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498105.72000	3733599.53000	7.1158000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498096.02000	3733580.43000	6.8281000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498095.87000	3733589.90000	6.8513000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498095.72000	3733599.37000	6.9145000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498086.02000	3733580.27000	6.6457000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498085.87000	3733589.74000	6.6850000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498085.72000	3733599.21000	6.7328000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498076.02000	3733580.11000	6.4650000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498075.87000	3733589.59000	6.5231000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498075.72000	3733599.06000	6.5527000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498066.02000	3733579.96000	6.2843000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498065.87000	3733589.43000	6.3563000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498065.72000	3733598.90000	6.3840000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498046.03000	3733579.64000	5.9789000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498045.88000	3733589.11000	6.0225000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498045.73000	3733598.58000	6.0603000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498026.03000	3733579.32000	5.7042000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498025.88000	3733588.79000	5.7403000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498025.73000	3733598.26000	5.7612000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498006.03000	3733579.01000	5.4495000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498005.88000	3733588.48000	5.4755000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498005.73000	3733597.95000	5.4879000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497986.03000	3733578.69000	5.2334000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497985.88000	3733588.16000	5.2498000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497985.73000	3733597.63000	5.2388000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497966.04000	3733578.37000	5.0197000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497965.89000	3733587.84000	5.0263000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497965.74000	3733597.31000	5.0390000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497946.04000	3733578.06000	4.8208000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497945.89000	3733587.53000	4.8047000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497945.74000	3733597.00000	4.8384000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497926.04000	3733577.74000	4.6259000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497925.89000	3733587.21000	4.6329000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497925.74000	3733596.68000	4.6517000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497906.04000	3733577.42000	4.4341000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497905.89000	3733586.89000	4.4587000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497905.74000	3733596.36000	4.4919000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497886.05000	3733577.11000	4.2755000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497885.90000	3733586.58000	4.2925000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497885.75000	3733596.05000	4.3330000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497866.05000	3733576.79000	4.1369000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497865.90000	3733586.26000	4.1505000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497865.75000	3733595.73000	4.1882000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497828.55000	3733576.20000	3.8866000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497828.40000	3733585.67000	3.9283000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497828.25000	3733595.14000	3.9705000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497791.06000	3733575.60000	3.6895000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497790.91000	3733585.07000	3.7273000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497790.76000	3733594.54000	3.7646000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497753.56000	3733575.01000	3.4913000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497753.41000	3733584.48000	3.5300000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497753.26000	3733593.95000	3.5780000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497716.07000	3733574.41000	3.3165000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497715.92000	3733583.88000	3.3496000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497715.77000	3733593.35000	3.3887000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
497678.57000	3733573.82000	3.1521000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000

497678.42000	3733583.29000	3.1896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.27000	3733592.76000	3.2217000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.08000	3733573.23000	3.0103000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497640.93000	3733582.70000	3.0407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497640.78000	3733592.17000	3.0693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.58000	3733572.63000	2.8738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.43000	3733582.10000	2.9056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.28000	3733591.57000	2.9288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.09000	3733572.04000	2.7459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497565.94000	3733581.51000	2.7757000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497565.79000	3733590.98000	2.8029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.95000	3733571.13000	2.5808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.80000	3733580.60000	2.6021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.65000	3733590.07000	2.6297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.81000	3733570.23000	2.4417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.66000	3733579.70000	2.4520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.51000	3733589.17000	2.4737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.36000	3733598.64000	2.4934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.68000	3733569.32000	2.3061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.53000	3733578.79000	2.3079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.38000	3733588.26000	2.3330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.23000	3733597.73000	2.3611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.80000	3733802.04000	1.0366000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.14000	3733812.01000	8.8242000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.77000	3733812.04000	9.0022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.41000	3733812.06000	9.1949000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498192.04000	3733812.09000	9.5045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.67000	3733812.12000	9.8116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.30000	3733812.14000	1.0152000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
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498230.57000	3733812.20000	1.0843000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.20000	3733812.23000	1.1235000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.11000	3733822.01000	7.9584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.75000	3733822.04000	8.0939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.38000	3733822.06000	8.3081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498192.01000	3733822.09000	8.5759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.64000	3733822.12000	8.8165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.28000	3733822.14000	9.0849000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.91000	3733822.17000	9.3259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.54000	3733822.20000	9.5911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.17000	3733822.23000	9.9092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.81000	3733822.25000	1.0223000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.44000	3733822.28000	1.0551000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498269.07000	3733822.31000	1.0954000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.70000	3733822.33000	1.1365000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.72000	3733832.04000	7.4512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.35000	3733832.06000	7.6648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.98000	3733832.09000	7.8824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.62000	3733832.12000	8.0748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.25000	3733832.14000	8.2907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.88000	3733832.17000	8.4672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.51000	3733832.20000	8.7011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.15000	3733832.23000	8.9658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.78000	3733832.25000	9.2055000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.41000	3733832.28000	9.4295000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498269.04000	3733832.31000	9.6941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.68000	3733832.33000	9.9851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.31000	3733832.36000	1.0270000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.94000	3733832.39000	1.0689000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.57000	3733832.41000	1.1067000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.21000	3733832.44000	1.1432000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.84000	3733832.47000	1.1894000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.69000	3733842.04000	6.9483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.32000	3733842.06000	7.1353000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.96000	3733842.09000	7.3067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.59000	3733842.12000	7.4637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.22000	3733842.14000	7.6328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.85000	3733842.17000	7.7897000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.49000	3733842.20000	8.0194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.12000	3733842.23000	8.2322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.75000	3733842.25000	8.4040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.38000	3733842.28000	8.5564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498269.02000	3733842.31000	8.7635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.65000	3733842.33000	8.9899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.28000	3733842.36000	9.1983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.91000	3733842.39000	9.5092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.55000	3733842.41000	9.8804000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.18000	3733842.44000	1.0178000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.81000	3733842.47000	1.0496000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.44000	3733842.50000	1.1046000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498346.08000	3733842.52000	1.1457000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.71000	3733842.55000	1.2044000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000

498172.66000	3733852.04000	6.5076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.29000	3733852.06000	6.6752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.93000	3733852.09000	6.8106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.56000	3733852.12000	6.9499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.19000	3733852.14000	7.0932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.82000	3733852.17000	7.2573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.46000	3733852.20000	7.4471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.09000	3733852.23000	7.6135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.72000	3733852.25000	7.7338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.35000	3733852.28000	7.8606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.99000	3733852.31000	8.0346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.62000	3733852.33000	8.2197000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.25000	3733852.36000	8.4605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.88000	3733852.39000	8.6870000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.52000	3733852.41000	9.0018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.15000	3733852.44000	9.2352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.78000	3733852.47000	9.4719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.41000	3733852.50000	9.7682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498346.05000	3733852.52000	1.0067000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.68000	3733852.55000	1.0400000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.97000	3733872.01000	5.6728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.61000	3733872.04000	5.7957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.24000	3733872.06000	5.8995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.87000	3733872.09000	5.9939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.50000	3733872.12000	6.1445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.14000	3733872.14000	6.2633000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.77000	3733872.17000	6.3715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.40000	3733872.20000	6.4937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.03000	3733872.23000	6.6108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.67000	3733872.25000	6.6979000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.30000	3733872.28000	6.8069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.93000	3733872.31000	6.9505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.56000	3733872.33000	7.1510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.20000	3733872.36000	7.3260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.83000	3733872.39000	7.4371000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.46000	3733872.41000	7.5602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.09000	3733872.44000	7.7206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.73000	3733872.47000	7.9183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.36000	3733872.50000	8.0652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.99000	3733872.52000	8.2238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.62000	3733872.55000	8.3657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.55000	3733892.04000	5.2199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.18000	3733892.06000	5.3095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.82000	3733892.09000	5.4182000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.45000	3733892.12000	5.5172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.08000	3733892.14000	5.5953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.71000	3733892.17000	5.6749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.35000	3733892.20000	5.7492000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.98000	3733892.23000	5.8536000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.61000	3733892.25000	5.9385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.24000	3733892.28000	6.0640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.88000	3733892.31000	6.1732000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.51000	3733892.33000	6.3148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.14000	3733892.36000	6.4094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.77000	3733892.39000	6.4733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.41000	3733892.41000	6.5742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.04000	3733892.44000	6.6815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.67000	3733892.47000	6.7724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.30000	3733892.50000	6.8447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.94000	3733892.52000	6.9579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.57000	3733892.55000	7.1208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.86000	3733912.01000	4.6768000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.49000	3733912.04000	4.7644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.13000	3733912.06000	4.8400000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.76000	3733912.09000	4.9352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.39000	3733912.12000	4.9986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.02000	3733912.14000	5.0401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.66000	3733912.17000	5.1190000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.29000	3733912.20000	5.2113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.92000	3733912.23000	5.3520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.55000	3733912.25000	5.4547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.19000	3733912.28000	5.5324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.82000	3733912.31000	5.5599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.45000	3733912.33000	5.6387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.08000	3733912.36000	5.7294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.72000	3733912.39000	5.8107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.35000	3733912.41000	5.8532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.98000	3733912.44000	5.8735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.61000	3733912.47000	5.9208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.25000	3733912.50000	5.9822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.88000	3733912.52000	6.0854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.51000	3733912.55000	6.1792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498162.81000	3733932.01000	4.4076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.44000	3733932.04000	4.4806000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.07000	3733932.06000	4.5440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.70000	3733932.09000	4.6022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.34000	3733932.12000	4.6404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.97000	3733932.14000	4.6918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.60000	3733932.17000	4.7949000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.23000	3733932.20000	4.8973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.87000	3733932.23000	4.9908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.50000	3733932.25000	5.0398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.13000	3733932.28000	5.0743000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.76000	3733932.31000	5.0986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.40000	3733932.33000	5.2003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.03000	3733932.36000	5.2437000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.66000	3733932.39000	5.2828000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.29000	3733932.41000	5.2573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.93000	3733932.44000	5.2819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.56000	3733932.47000	5.3140000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.19000	3733932.50000	5.3900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.82000	3733932.52000	5.4316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.46000	3733932.55000	5.4861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.75000	3733952.01000	4.1921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.38000	3733952.04000	4.2380000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.01000	3733952.06000	4.2814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.65000	3733952.09000	4.3326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.28000	3733952.12000	4.3846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.91000	3733952.14000	4.4542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.54000	3733952.17000	4.5365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.18000	3733952.20000	4.6003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.81000	3733952.23000	4.6618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.44000	3733952.25000	4.6846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.07000	3733952.28000	4.7538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.71000	3733952.31000	4.7834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.34000	3733952.33000	4.8410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.97000	3733952.36000	4.8655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.60000	3733952.39000	4.8736000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.24000	3733952.41000	4.8834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.87000	3733952.44000	4.8869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.50000	3733952.47000	4.9134000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.13000	3733952.50000	4.9611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.77000	3733952.52000	5.0074000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.40000	3733952.55000	5.0815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.69000	3733972.01000	3.9677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.33000	3733972.04000	4.0037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.96000	3733972.06000	4.0631000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.59000	3733972.09000	4.1216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.22000	3733972.12000	4.1783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.86000	3733972.14000	4.2276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.49000	3733972.17000	4.2861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.12000	3733972.20000	4.3322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.75000	3733972.23000	4.4001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.39000	3733972.25000	4.4399000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.02000	3733972.28000	4.4748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.65000	3733972.31000	4.4753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.28000	3733972.33000	4.5072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.92000	3733972.36000	4.5306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.55000	3733972.39000	4.5674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.18000	3733972.41000	4.5888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.81000	3733972.44000	4.5952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.45000	3733972.47000	4.6304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.08000	3733972.50000	4.6672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.71000	3733972.52000	4.7329000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.34000	3733972.55000	4.7755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.64000	3733992.01000	3.7701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.27000	3733992.04000	3.8311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.90000	3733992.06000	3.8882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.53000	3733992.09000	3.9267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.17000	3733992.12000	3.9633000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.80000	3733992.14000	4.0066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.43000	3733992.17000	4.0571000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.06000	3733992.20000	4.1247000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.70000	3733992.23000	4.1740000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.33000	3733992.25000	4.1831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.96000	3733992.28000	4.1914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.59000	3733992.31000	4.1929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.23000	3733992.33000	4.2274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.86000	3733992.36000	4.2701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.49000	3733992.39000	4.3028000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.12000	3733992.41000	4.3345000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.76000	3733992.44000	4.3524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.39000	3733992.47000	4.3817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.02000	3733992.50000	4.4248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498345.65000	3733992.52000	4.4677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.29000	3733992.55000	4.4909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.58000	3734012.01000	3.6163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.21000	3734012.04000	3.6705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.85000	3734012.06000	3.7024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.48000	3734012.09000	3.7323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.11000	3734012.12000	3.7524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.74000	3734012.14000	3.8258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.38000	3734012.17000	3.8758000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.01000	3734012.20000	3.9179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.64000	3734012.22000	3.9367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.27000	3734012.25000	3.9221000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.91000	3734012.28000	3.9509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.54000	3734012.31000	3.9620000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.17000	3734012.33000	3.9890000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.80000	3734012.36000	4.0410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.44000	3734012.39000	4.0669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.07000	3734012.41000	4.1084000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.70000	3734012.44000	4.1323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.33000	3734012.47000	4.1636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.97000	3734012.49000	4.1928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.60000	3734012.52000	4.2120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.23000	3734012.55000	4.2424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.87000	3734028.36000	3.4630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.53000	3734032.01000	3.4705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.16000	3734032.04000	3.5021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.79000	3734032.06000	3.5193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.42000	3734032.09000	3.5659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.06000	3734032.12000	3.6088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.69000	3734032.14000	3.6573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.32000	3734032.17000	3.6800000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.95000	3734032.20000	3.6983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.59000	3734032.22000	3.7080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.22000	3734032.25000	3.7223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.85000	3734032.28000	3.7456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.48000	3734032.31000	3.7559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.12000	3734032.33000	3.7863000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.75000	3734032.36000	3.8307000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.38000	3734032.39000	3.8649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.01000	3734032.41000	3.9028000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.65000	3734032.44000	3.9392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.28000	3734032.47000	3.9511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.91000	3734032.49000	3.9719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.54000	3734032.52000	3.9891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.18000	3734032.55000	4.0280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.94000	3734048.41000	3.3223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.47000	3734052.01000	3.3176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.10000	3734052.04000	3.3489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.73000	3734052.06000	3.3971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.37000	3734052.09000	3.4331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.00000	3734052.12000	3.4559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.63000	3734052.14000	3.4820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.26000	3734052.17000	3.4803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.90000	3734052.20000	3.5119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.53000	3734052.22000	3.5389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.16000	3734052.25000	3.5463000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.79000	3734052.28000	3.5659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.43000	3734052.31000	3.5843000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.06000	3734052.33000	3.6013000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.69000	3734052.36000	3.6509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.32000	3734052.39000	3.6875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498306.96000	3734052.41000	3.7266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.59000	3734052.44000	3.7525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.22000	3734052.47000	3.7626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.85000	3734052.49000	3.7789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.49000	3734052.52000	3.7960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.12000	3734052.55000	3.8359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.80000	3734085.90000	3.0948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.36000	3734089.51000	3.1123000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.00000	3734089.54000	3.1328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.63000	3734089.56000	3.1436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.26000	3734089.59000	3.1407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.89000	3734089.62000	3.1626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.53000	3734089.64000	3.1854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.16000	3734089.67000	3.2116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.79000	3734089.70000	3.2381000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.42000	3734089.72000	3.2520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.06000	3734089.75000	3.2660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.69000	3734089.78000	3.2829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.32000	3734089.81000	3.2984000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.95000	3734089.83000	3.3192000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.59000	3734089.86000	3.3674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498297.22000	3734089.89000	3.4022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498306.85000	3734089.91000	3.4129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.48000	3734089.94000	3.4483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.12000	3734089.97000	3.4598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.75000	3734089.99000	3.4783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.38000	3734090.02000	3.5062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.01000	3734090.05000	3.5163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.66000	3734123.39000	2.9008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.26000	3734127.01000	2.8789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.89000	3734127.04000	2.8845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.52000	3734127.06000	2.8954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.16000	3734127.09000	2.9126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.79000	3734127.12000	2.9482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.42000	3734127.14000	2.9657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.05000	3734127.17000	2.9774000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.69000	3734127.20000	3.0038000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.32000	3734127.22000	3.0176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.95000	3734127.25000	3.0216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.58000	3734127.28000	3.0424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.22000	3734127.31000	3.0685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.85000	3734127.33000	3.0869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.48000	3734127.36000	3.1081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.11000	3734127.39000	3.1396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498306.75000	3734127.41000	3.1595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498316.38000	3734127.44000	3.1822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.01000	3734127.47000	3.2125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.64000	3734127.49000	3.2303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.28000	3734127.52000	3.2294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498354.91000	3734127.55000	3.2421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.53000	3734160.87000	2.6899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.90000	3734157.24000	2.6942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.28000	3734153.61000	2.7097000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.66000	3734149.97000	2.7230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498119.03000	3734146.34000	2.7207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.41000	3734142.71000	2.7070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.15000	3734164.51000	2.6767000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.79000	3734164.54000	2.6994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.42000	3734164.56000	2.7186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.05000	3734164.59000	2.7391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.68000	3734164.62000	2.7563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.32000	3734164.64000	2.7648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.95000	3734164.67000	2.7827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.58000	3734164.70000	2.8021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.21000	3734164.72000	2.8131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.85000	3734164.75000	2.8250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.48000	3734164.78000	2.8532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.11000	3734164.81000	2.8655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.74000	3734164.83000	2.8725000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.38000	3734164.86000	2.8908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.40000	3734198.37000	2.5264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.76000	3734194.72000	2.5260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.11000	3734191.08000	2.5299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.47000	3734187.44000	2.5283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.82000	3734183.79000	2.5495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.17000	3734180.15000	2.5631000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498101.53000	3734176.51000	2.5674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.88000	3734172.87000	2.5561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498084.24000	3734169.22000	2.5318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.59000	3734165.58000	2.5076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.95000	3734161.94000	2.5181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498058.30000	3734158.30000	2.5219000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.66000	3734154.65000	2.5140000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498041.01000	3734151.01000	2.5150000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498032.36000	3734147.37000	2.5111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.05000	3734202.01000	2.5328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.68000	3734202.04000	2.5500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.31000	3734202.06000	2.5576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.95000	3734202.09000	2.5690000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.58000	3734202.12000	2.5815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.21000	3734202.14000	2.5931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.84000	3734202.17000	2.6084000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.48000	3734202.20000	2.6285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.11000	3734202.22000	2.6511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.74000	3734202.25000	2.6575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.37000	3734202.28000	2.6713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498268.01000	3734202.31000	2.6841000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.64000	3734202.33000	2.6902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.27000	3734202.36000	2.7013000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.28000	3734235.86000	2.3986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.62000	3734232.21000	2.3948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.95000	3734228.56000	2.3919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.29000	3734224.91000	2.3858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498118.63000	3734221.26000	2.3861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.96000	3734217.61000	2.3938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498101.30000	3734213.96000	2.4062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.63000	3734210.31000	2.4244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.97000	3734206.66000	2.4276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.31000	3734203.01000	2.4151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.64000	3734199.35000	2.3934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.98000	3734195.70000	2.3759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.32000	3734192.05000	2.3692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.65000	3734188.40000	2.3749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498031.99000	3734184.75000	2.3770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.94000	3734239.51000	2.3971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.58000	3734239.54000	2.3989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.21000	3734239.56000	2.3989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.84000	3734239.59000	2.4164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.47000	3734239.62000	2.4271000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.11000	3734239.64000	2.4385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.74000	3734239.67000	2.4667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.37000	3734239.70000	2.4834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.00000	3734239.72000	2.4869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.64000	3734239.75000	2.4949000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.27000	3734239.78000	2.5062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.90000	3734239.81000	2.5185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.53000	3734239.83000	2.5306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.17000	3734239.86000	2.5360000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.16000	3734273.35000	2.2678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.48000	3734269.69000	2.2732000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.80000	3734266.04000	2.2736000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.12000	3734262.38000	2.2701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.44000	3734258.72000	2.2600000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.76000	3734255.07000	2.2549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498101.08000	3734251.41000	2.2587000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.41000	3734247.75000	2.2658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.73000	3734244.10000	2.2766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.05000	3734240.44000	2.2928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.37000	3734236.78000	2.2953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.69000	3734233.13000	2.2853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.01000	3734229.47000	2.2784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.33000	3734225.81000	2.2624000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498031.65000	3734222.16000	2.2383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.84000	3734277.01000	2.2531000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.47000	3734277.03000	2.2554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.10000	3734277.06000	2.2655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.74000	3734277.09000	2.2812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.37000	3734277.12000	2.3023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.00000	3734277.14000	2.3139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.63000	3734277.17000	2.3261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.27000	3734277.20000	2.3364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.90000	3734277.22000	2.3427000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.53000	3734277.25000	2.3490000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.16000	3734277.28000	2.3649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.80000	3734277.30000	2.3803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.43000	3734277.33000	2.3845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498287.06000	3734277.36000	2.3905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.04000	3734310.85000	2.1421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.35000	3734307.18000	2.1547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.66000	3734303.52000	2.1645000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.96000	3734299.86000	2.1668000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.27000	3734296.20000	2.1650000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.58000	3734292.53000	2.1530000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498100.88000	3734288.87000	2.1448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.19000	3734285.21000	2.1404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.50000	3734281.55000	2.1429000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.81000	3734277.88000	2.1520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.11000	3734274.22000	2.1557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.42000	3734270.56000	2.1679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.73000	3734266.90000	2.1702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.04000	3734263.23000	2.1714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498031.34000	3734259.57000	2.1674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.73000	3734314.51000	2.1360000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.37000	3734314.53000	2.1447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.00000	3734314.56000	2.1661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.63000	3734314.59000	2.1828000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.26000	3734314.62000	2.1884000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.90000	3734314.64000	2.1898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.53000	3734314.67000	2.2027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.16000	3734314.70000	2.2099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.79000	3734314.72000	2.2223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.43000	3734314.75000	2.2342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498258.06000	3734314.78000	2.2440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.69000	3734314.80000	2.2510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.32000	3734314.83000	2.2536000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498286.96000	3734314.86000	2.2601000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.92000	3734348.34000	2.0397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.22000	3734344.67000	2.0393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.51000	3734341.01000	2.0481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.81000	3734337.34000	2.0610000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.11000	3734333.67000	2.0672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.40000	3734330.00000	2.0683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498100.70000	3734326.34000	2.0620000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498091.99000	3734322.67000	2.0557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.29000	3734319.00000	2.0458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.58000	3734315.33000	2.0425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.88000	3734311.67000	2.0459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.17000	3734308.00000	2.0503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.47000	3734304.33000	2.0495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498039.77000	3734300.66000	2.0544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498031.06000	3734297.00000	2.0644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.63000	3734352.01000	2.0413000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.26000	3734352.03000	2.0521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.89000	3734352.06000	2.0641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.53000	3734352.09000	2.0655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.16000	3734352.12000	2.0685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.79000	3734352.14000	2.0736000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.42000	3734352.17000	2.0841000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.06000	3734352.20000	2.1010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.69000	3734352.22000	2.1140000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.32000	3734352.25000	2.1179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.95000	3734352.28000	2.1214000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.59000	3734352.30000	2.1283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.22000	3734352.33000	2.1364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.85000	3734352.36000	2.1389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.65000	3734405.44000	1.9119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498143.84000	3734401.72000	1.9164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.03000	3734398.01000	1.9148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.21000	3734394.30000	1.9063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.40000	3734390.58000	1.9101000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498108.58000	3734386.87000	1.9204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498099.77000	3734383.16000	1.9245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498090.96000	3734379.44000	1.9263000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498082.14000	3734375.73000	1.9280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498073.33000	3734372.01000	1.9238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498064.51000	3734368.30000	1.9125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498055.70000	3734364.59000	1.9064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.89000	3734360.87000	1.9060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498038.07000	3734357.16000	1.9048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.47000	3734409.15000	1.9035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.10000	3734409.18000	1.9024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.73000	3734409.20000	1.9085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.37000	3734409.23000	1.9121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.00000	3734409.26000	1.9188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.63000	3734409.29000	1.9376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.26000	3734409.31000	1.9546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.90000	3734409.34000	1.9631000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.53000	3734409.37000	1.9647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.16000	3734409.39000	1.9677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.79000	3734409.42000	1.9742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.43000	3734409.45000	1.9776000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498277.06000	3734409.47000	1.9732000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.69000	3734409.50000	1.9763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.55000	3734462.60000	1.7735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498143.80000	3734458.92000	1.7881000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.04000	3734455.23000	1.7988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.29000	3734451.54000	1.8035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.54000	3734447.85000	1.8032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498108.78000	3734444.16000	1.7998000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498100.03000	3734440.47000	1.7942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498091.27000	3734436.78000	1.7971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498082.52000	3734433.10000	1.8017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498073.76000	3734429.41000	1.8091000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.01000	3734425.72000	1.8130000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498056.25000	3734422.03000	1.8098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.50000	3734418.34000	1.8042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498038.75000	3734414.65000	1.7972000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.31000	3734466.29000	1.7710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498170.94000	3734466.32000	1.7758000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.57000	3734466.35000	1.7904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.21000	3734466.37000	1.8047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.84000	3734466.40000	1.8145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.47000	3734466.43000	1.8266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.10000	3734466.45000	1.8325000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.74000	3734466.48000	1.8396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.37000	3734466.51000	1.8474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.00000	3734466.54000	1.8477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498257.63000	3734466.56000	1.8439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.27000	3734466.59000	1.8426000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498276.90000	3734466.62000	1.8457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.53000	3734466.64000	1.8457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.30000	3734519.71000	1.6581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498143.46000	3734515.98000	1.6641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498134.61000	3734512.26000	1.6698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498125.77000	3734508.53000	1.6864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.92000	3734504.80000	1.6977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498108.08000	3734501.08000	1.7047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498099.23000	3734497.35000	1.7066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498090.39000	3734493.62000	1.7042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498081.54000	3734489.90000	1.6990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498072.70000	3734486.17000	1.6927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498063.85000	3734482.44000	1.6973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498055.01000	3734478.72000	1.7051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.16000	3734474.99000	1.7084000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498037.32000	3734471.26000	1.7066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.15000	3734523.44000	1.6678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498170.78000	3734523.46000	1.6833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.41000	3734523.49000	1.6937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.05000	3734523.52000	1.6989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.68000	3734523.54000	1.7019000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.31000	3734523.57000	1.7120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498218.94000	3734523.60000	1.7237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.58000	3734523.62000	1.7289000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.21000	3734523.65000	1.7276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498247.84000	3734523.68000	1.7223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.47000	3734523.71000	1.7254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.11000	3734523.73000	1.7264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498276.74000	3734523.76000	1.7236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.37000	3734523.79000	1.7144000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498037.91000	3734528.72000	1.6099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498369.66000	3733847.41000	1.1992000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498401.69000	3733855.62000	1.2596000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498392.48000	3733859.00000	1.1134000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498383.26000	3733862.39000	1.0174000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498374.05000	3733865.78000	9.4901000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498364.84000	3733869.16000	8.9035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.82000	3733874.08000	9.5651000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.68000	3733877.44000	8.9041000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498387.55000	3733880.79000	8.4105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.41000	3733884.15000	7.9617000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498369.27000	3733887.51000	7.6021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498409.99000	3733892.52000	7.9311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498400.91000	3733895.86000	7.5507000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498391.83000	3733899.20000	7.2577000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498382.75000	3733902.54000	6.9593000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498373.67000	3733905.87000	6.6452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498364.59000	3733909.21000	6.3759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.15000	3733914.28000	6.6150000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.12000	3733917.60000	6.3543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498387.08000	3733920.92000	6.1373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.05000	3733924.25000	5.9366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498369.01000	3733927.57000	5.7719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.68000	3733933.70000	5.8643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.35000	3733937.13000	5.6702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.03000	3733940.55000	5.4794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.71000	3733943.98000	5.3416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498369.38000	3733947.41000	5.2543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498401.66000	3733955.52000	5.2805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498392.39000	3733958.93000	5.1589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498383.13000	3733962.33000	5.0574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498373.87000	3733965.74000	4.9459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498364.61000	3733969.14000	4.8441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.96000	3733973.92000	4.9851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.75000	3733977.31000	4.8773000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498387.53000	3733980.70000	4.8074000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.32000	3733984.08000	4.7149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498369.11000	3733987.47000	4.6081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498401.09000	3733995.69000	4.6403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498391.92000	3733999.06000	4.5699000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498382.75000	3734002.43000	4.4872000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498373.57000	3734005.81000	4.4090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498364.40000	3734009.18000	4.3235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.43000	3734014.08000	4.4218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.29000	3734017.44000	4.3471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498387.15000	3734020.79000	4.2720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.02000	3734024.15000	4.2025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498368.88000	3734027.51000	4.1397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.40000	3734033.70000	4.1937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.07000	3734037.13000	4.1151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498387.75000	3734040.55000	4.0466000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.43000	3734043.98000	3.9877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498369.10000	3734047.41000	3.9283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.49000	3734071.49000	3.7838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.31000	3734074.87000	3.7320000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498387.13000	3734078.24000	3.6809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498377.96000	3734081.62000	3.6321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498368.78000	3734084.99000	3.5873000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498401.08000	3734110.58000	3.4359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498391.85000	3734113.97000	3.3943000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498382.61000	3734117.36000	3.3595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498373.38000	3734120.76000	3.3150000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498364.14000	3734124.15000	3.2691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.42000	3734139.46000	3.2670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.14000	3734142.87000	3.2303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.86000	3734146.28000	3.1923000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.58000	3734149.69000	3.1540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498627.79000	3734062.85000	4.2500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498643.71000	3734096.31000	3.8502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498634.39000	3734099.74000	3.8064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498531.83000	3734137.44000	3.4032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498522.51000	3734140.86000	3.3646000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498513.19000	3734144.29000	3.3408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.87000	3734147.72000	3.3117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498494.54000	3734151.14000	3.2899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498485.22000	3734154.57000	3.2483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.90000	3734158.00000	3.2123000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.57000	3734161.42000	3.1854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498457.25000	3734164.85000	3.1601000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498447.93000	3734168.28000	3.1158000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498438.60000	3734171.71000	3.0768000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498429.28000	3734175.13000	3.0416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.96000	3734178.56000	3.0055000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498410.64000	3734181.99000	2.9728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498401.31000	3734185.41000	2.9420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.16000	3734091.36000	3.9095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498668.06000	3734124.82000	3.5745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498658.70000	3734128.26000	3.5328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.34000	3734131.70000	3.4906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.99000	3734135.14000	3.4527000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.63000	3734138.58000	3.4285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498555.77000	3734166.10000	3.2066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498546.42000	3734169.54000	3.1766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.06000	3734172.98000	3.1554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498527.70000	3734176.42000	3.1216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498518.34000	3734179.85000	3.0892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.99000	3734183.29000	3.0636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498499.63000	3734186.73000	3.0395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498490.27000	3734190.17000	3.0183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.92000	3734193.61000	2.9901000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498471.56000	3734197.05000	2.9676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498462.20000	3734200.49000	2.9436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498452.84000	3734203.93000	2.9121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498443.49000	3734207.37000	2.8747000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498434.13000	3734210.81000	2.8443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.77000	3734214.25000	2.8115000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.42000	3734217.69000	2.7811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.06000	3734221.13000	2.7495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.70000	3734224.57000	2.7215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498676.53000	3734119.86000	3.6272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498692.47000	3734153.31000	3.3311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498683.22000	3734156.71000	3.3021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.96000	3734160.11000	3.2639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.70000	3734163.52000	3.2294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.44000	3734166.92000	3.2048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.18000	3734170.33000	3.1831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498636.92000	3734173.73000	3.1597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498627.66000	3734177.13000	3.1266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498553.58000	3734204.37000	2.9580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498544.32000	3734207.77000	2.9396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.06000	3734211.17000	2.9106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498525.80000	3734214.58000	2.8775000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498516.54000	3734217.98000	2.8481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.28000	3734221.38000	2.8177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.02000	3734224.79000	2.8062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498488.76000	3734228.19000	2.7948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.50000	3734231.60000	2.7753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.24000	3734235.00000	2.7463000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498460.98000	3734238.40000	2.7191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.72000	3734241.81000	2.6980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.46000	3734245.21000	2.6726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.20000	3734248.62000	2.6429000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498423.94000	3734252.02000	2.6188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.68000	3734255.42000	2.5899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.42000	3734258.83000	2.5609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.16000	3734262.23000	2.5393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.89000	3734148.37000	3.3762000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498716.83000	3734181.82000	3.1216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498707.53000	3734185.23000	3.0923000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498698.24000	3734188.65000	3.0634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498688.95000	3734192.07000	3.0306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.65000	3734195.48000	3.0032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498670.36000	3734198.90000	2.9857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.07000	3734202.31000	2.9627000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.77000	3734205.73000	2.9367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.48000	3734209.15000	2.9151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498633.19000	3734212.56000	2.8889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498549.54000	3734243.31000	2.7346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498540.25000	3734246.72000	2.7141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498530.96000	3734250.14000	2.6836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498521.66000	3734253.56000	2.6561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498512.37000	3734256.97000	2.6378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.08000	3734260.39000	2.6208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.78000	3734263.81000	2.6169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.49000	3734267.22000	2.6044000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.20000	3734270.64000	2.5795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498465.90000	3734274.05000	2.5558000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498456.61000	3734277.47000	2.5343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498447.32000	3734280.89000	2.5163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498438.02000	3734284.30000	2.4954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498428.73000	3734287.72000	2.4702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.44000	3734291.13000	2.4444000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498410.14000	3734294.55000	2.4167000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498400.85000	3734297.97000	2.3948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498725.26000	3734176.87000	3.1614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.18000	3734210.33000	2.9215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.86000	3734213.75000	2.8918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.53000	3734217.18000	2.8659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498713.21000	3734220.61000	2.8371000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.89000	3734224.03000	2.8190000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498694.56000	3734227.46000	2.8025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498685.24000	3734230.89000	2.7852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.92000	3734234.32000	2.7679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.60000	3734237.74000	2.7455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498657.27000	3734241.17000	2.7283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.95000	3734244.60000	2.7117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.63000	3734248.02000	2.6910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.30000	3734251.45000	2.6761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.72000	3734278.87000	2.5596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.40000	3734282.29000	2.5372000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498536.07000	3734285.72000	2.5127000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.75000	3734289.15000	2.4880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.43000	3734292.57000	2.4707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.11000	3734296.00000	2.4612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.78000	3734299.43000	2.4481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.46000	3734302.86000	2.4377000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.14000	3734306.28000	2.4221000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.81000	3734309.71000	2.4031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.49000	3734313.14000	2.3831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498452.17000	3734316.56000	2.3652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.85000	3734319.99000	2.3513000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.52000	3734323.42000	2.3319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.20000	3734326.85000	2.3079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.88000	3734330.27000	2.2855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.55000	3734333.70000	2.2647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.23000	3734337.13000	2.2498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498749.63000	3734205.37000	2.9534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498778.31000	3734253.76000	2.6526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.99000	3734257.19000	2.6379000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.66000	3734260.62000	2.6204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498750.34000	3734264.04000	2.5935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.02000	3734267.47000	2.5728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.70000	3734270.90000	2.5565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.37000	3734274.32000	2.5469000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498713.05000	3734277.75000	2.5350000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.73000	3734281.18000	2.5160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498694.40000	3734284.60000	2.5017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498685.08000	3734288.03000	2.4891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.76000	3734291.46000	2.4724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.44000	3734294.89000	2.4562000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498657.11000	3734298.31000	2.4442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.79000	3734301.74000	2.4307000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.47000	3734305.17000	2.4202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.56000	3734336.01000	2.3094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498545.24000	3734339.44000	2.2981000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.91000	3734342.86000	2.2803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.59000	3734346.29000	2.2628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.27000	3734349.72000	2.2511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.95000	3734353.14000	2.2397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.62000	3734356.57000	2.2248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.30000	3734360.00000	2.2187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.98000	3734363.43000	2.2089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.65000	3734366.85000	2.1953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.33000	3734370.28000	2.1790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498452.01000	3734373.71000	2.1661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.69000	3734377.13000	2.1501000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.36000	3734380.56000	2.1343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.04000	3734383.99000	2.1168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.72000	3734387.41000	2.1016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.39000	3734390.84000	2.0850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.07000	3734394.27000	2.0683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.76000	3734248.81000	2.6751000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498815.44000	3734297.20000	2.4259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498806.12000	3734300.62000	2.4193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498796.80000	3734304.05000	2.4058000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498787.47000	3734307.48000	2.3892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498778.15000	3734310.90000	2.3731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.83000	3734314.33000	2.3581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.50000	3734317.76000	2.3456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498750.18000	3734321.18000	2.3344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.86000	3734324.61000	2.3243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.54000	3734328.04000	2.3121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.21000	3734331.47000	2.2977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.89000	3734334.89000	2.2871000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.57000	3734338.32000	2.2783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498694.24000	3734341.75000	2.2665000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.92000	3734345.17000	2.2533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.60000	3734348.60000	2.2402000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.27000	3734352.03000	2.2334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.95000	3734355.46000	2.2229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.63000	3734358.88000	2.2118000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.31000	3734362.31000	2.2061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.40000	3734393.15000	2.1156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.08000	3734396.58000	2.1060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.75000	3734400.01000	2.0895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.43000	3734403.43000	2.0692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.11000	3734406.86000	2.0572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.79000	3734410.29000	2.0512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.46000	3734413.71000	2.0392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.14000	3734417.14000	2.0325000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.82000	3734420.57000	2.0252000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.49000	3734424.00000	2.0148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.17000	3734427.42000	2.0012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.85000	3734430.85000	1.9892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.53000	3734434.28000	1.9766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.20000	3734437.70000	1.9640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.88000	3734441.13000	1.9529000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.56000	3734444.56000	1.9378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.23000	3734447.98000	1.9219000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498395.91000	3734451.41000	1.9165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498823.89000	3734292.24000	2.4422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.57000	3734340.63000	2.2079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498843.25000	3734344.06000	2.2017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498833.93000	3734347.48000	2.1928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498824.60000	3734350.91000	2.1837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498815.28000	3734354.34000	2.1699000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498805.96000	3734357.77000	2.1581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498796.64000	3734361.19000	2.1496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498787.31000	3734364.62000	2.1439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498777.99000	3734368.05000	2.1353000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.67000	3734371.47000	2.1234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.34000	3734374.90000	2.1108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498750.02000	3734378.33000	2.1057000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.70000	3734381.75000	2.0969000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.38000	3734385.18000	2.0859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.05000	3734388.61000	2.0789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.73000	3734392.04000	2.0716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.41000	3734395.46000	2.0626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498694.08000	3734398.89000	2.0542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.76000	3734402.32000	2.0452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.44000	3734405.74000	2.0370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.11000	3734409.17000	2.0300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.79000	3734412.60000	2.0268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.47000	3734416.02000	2.0211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.15000	3734419.45000	2.0142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.24000	3734450.29000	1.9422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498544.92000	3734453.72000	1.9281000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.59000	3734457.15000	1.9093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.27000	3734460.58000	1.8947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498516.95000	3734464.00000	1.8882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.63000	3734467.43000	1.8835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.30000	3734470.86000	1.8742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498488.98000	3734474.28000	1.8694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.66000	3734477.71000	1.8629000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.33000	3734481.14000	1.8515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.01000	3734484.56000	1.8413000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.69000	3734487.99000	1.8318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.37000	3734491.42000	1.8232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.04000	3734494.85000	1.8162000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.72000	3734498.27000	1.8052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.40000	3734501.70000	1.7902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.07000	3734505.13000	1.7813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.02000	3734335.68000	2.2202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.70000	3734384.07000	2.0346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.38000	3734387.49000	2.0298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498871.06000	3734390.92000	2.0234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.74000	3734394.35000	2.0161000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.41000	3734397.77000	2.0066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498843.09000	3734401.20000	1.9965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498833.77000	3734404.63000	1.9908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498824.44000	3734408.05000	1.9826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498815.12000	3734411.48000	1.9808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498805.80000	3734414.91000	1.9761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498796.48000	3734418.34000	1.9676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498787.15000	3734421.76000	1.9563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498777.83000	3734425.19000	1.9478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.51000	3734428.62000	1.9442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.18000	3734432.04000	1.9380000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498749.86000	3734435.47000	1.9285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.54000	3734438.90000	1.9218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.21000	3734442.32000	1.9170000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.89000	3734445.75000	1.9131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.57000	3734449.18000	1.9062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.25000	3734452.61000	1.8965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.92000	3734456.03000	1.8900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.60000	3734459.46000	1.8869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.28000	3734462.89000	1.8827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498665.95000	3734466.31000	1.8783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.63000	3734469.74000	1.8707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.31000	3734473.17000	1.8643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.99000	3734476.59000	1.8590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.08000	3734507.44000	1.7954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498544.76000	3734510.86000	1.7835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.43000	3734514.29000	1.7680000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.11000	3734517.72000	1.7578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498516.79000	3734521.15000	1.7516000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.47000	3734524.57000	1.7482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.14000	3734528.00000	1.7419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.16000	3734379.11000	2.0419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498926.84000	3734427.50000	1.8694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498917.51000	3734430.93000	1.8727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498908.19000	3734434.35000	1.8706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.87000	3734437.78000	1.8650000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.54000	3734441.21000	1.8580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.22000	3734444.63000	1.8557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498870.90000	3734448.06000	1.8499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.58000	3734451.49000	1.8409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.25000	3734454.92000	1.8356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.93000	3734458.34000	1.8323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498833.61000	3734461.77000	1.8289000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498824.28000	3734465.20000	1.8235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498814.96000	3734468.62000	1.8165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498805.64000	3734472.05000	1.8110000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498796.31000	3734475.48000	1.8030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.99000	3734478.90000	1.7995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498777.67000	3734482.33000	1.7954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.35000	3734485.76000	1.7889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.02000	3734489.19000	1.7823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498749.70000	3734492.61000	1.7793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.38000	3734496.04000	1.7765000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.05000	3734499.47000	1.7724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.73000	3734502.89000	1.7643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.41000	3734506.32000	1.7591000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.09000	3734509.75000	1.7575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.76000	3734513.17000	1.7538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.44000	3734516.60000	1.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.12000	3734520.03000	1.7424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498665.79000	3734523.46000	1.7375000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498656.47000	3734526.88000	1.7289000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.29000	3734422.55000	1.8744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498963.97000	3734470.93000	1.7302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498954.64000	3734474.36000	1.7330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498945.32000	3734477.79000	1.7415000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.00000	3734481.22000	1.7481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498926.68000	3734484.64000	1.7488000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498917.35000	3734488.07000	1.7478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498908.03000	3734491.50000	1.7439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.71000	3734494.92000	1.7385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.38000	3734498.35000	1.7292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.06000	3734501.78000	1.7159000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498870.74000	3734505.20000	1.7072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.42000	3734508.63000	1.7024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.09000	3734512.06000	1.6971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.77000	3734515.49000	1.6917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498833.45000	3734518.91000	1.6884000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498824.12000	3734522.34000	1.6846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498814.80000	3734525.77000	1.6770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498805.48000	3734529.19000	1.6719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.22000	3734553.18000	1.6459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498730.89000	3734556.61000	1.6416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.57000	3734560.04000	1.6390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.25000	3734563.46000	1.6363000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.93000	3734566.89000	1.6294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.60000	3734570.32000	1.6240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.28000	3734573.74000	1.6189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498674.96000	3734577.17000	1.6132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498665.63000	3734580.60000	1.6062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.31000	3734584.03000	1.5992000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.99000	3734587.45000	1.5980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.67000	3734590.88000	1.5947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.34000	3734594.31000	1.5935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.02000	3734597.73000	1.5940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.70000	3734601.16000	1.5938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.37000	3734604.59000	1.5892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498591.05000	3734608.01000	1.5809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.42000	3734465.98000	1.7370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499001.10000	3734514.37000	1.6145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498991.78000	3734517.80000	1.6201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498982.45000	3734521.22000	1.6264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.13000	3734524.65000	1.6339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498963.81000	3734528.08000	1.6413000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.22000	3734555.49000	1.5894000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498879.90000	3734558.92000	1.5842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498870.58000	3734562.35000	1.5805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.25000	3734565.77000	1.5780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498851.93000	3734569.20000	1.5754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.61000	3734572.63000	1.5737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498833.29000	3734576.06000	1.5677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498823.96000	3734579.48000	1.5632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498814.64000	3734582.91000	1.5617000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498805.32000	3734586.34000	1.5596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498795.99000	3734589.76000	1.5561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.67000	3734593.19000	1.5539000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498777.35000	3734596.62000	1.5500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.03000	3734600.04000	1.5475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498758.70000	3734603.47000	1.5458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498749.38000	3734606.90000	1.5446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.06000	3734610.33000	1.5423000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498730.73000	3734613.75000	1.5387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.41000	3734617.18000	1.5336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.09000	3734620.61000	1.5280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.77000	3734624.03000	1.5224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.44000	3734627.46000	1.5149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.12000	3734630.89000	1.5116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498674.80000	3734634.31000	1.5052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498665.47000	3734637.74000	1.5030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.15000	3734641.17000	1.4992000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.83000	3734644.60000	1.4961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.51000	3734648.02000	1.4963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.18000	3734651.45000	1.4961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498618.86000	3734654.88000	1.4957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.54000	3734658.30000	1.4918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.21000	3734661.73000	1.4861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498590.89000	3734665.16000	1.4826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.55000	3734509.42000	1.6211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.29000	3734143.71000	3.3831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498668.33000	3734174.05000	3.1526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498690.37000	3734204.39000	2.9417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.41000	3734234.73000	2.7566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498746.00000	3734280.96000	2.5061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498779.58000	3734327.19000	2.2983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498813.17000	3734373.42000	2.1003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498846.76000	3734419.65000	1.9389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.34000	3734465.88000	1.8053000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498913.93000	3734512.11000	1.6978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498947.52000	3734558.34000	1.5988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.03000	3734138.61000	3.3771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498500.24000	3734174.40000	3.1222000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.89000	3734171.69000	3.1403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.46000	3734210.18000	2.8919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498520.11000	3734207.47000	2.9178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.09000	3734317.54000	2.3817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498553.74000	3734314.83000	2.3958000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.68000	3734699.24000	1.4035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.33000	3734696.53000	1.4056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498447.97000	3734148.15000	3.2520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.88000	3734145.99000	3.2875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498454.66000	3734185.05000	3.0294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.57000	3734182.89000	3.0497000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.35000	3734221.95000	2.8134000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498473.26000	3734219.79000	2.8342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.05000	3734258.84000	2.6248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.96000	3734256.68000	2.6508000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498474.74000	3734295.74000	2.4657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498486.65000	3734293.58000	2.4799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498481.43000	3734332.64000	2.3200000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.34000	3734330.48000	2.3235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498491.63000	3734388.87000	2.1236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.54000	3734386.71000	2.1282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498501.82000	3734445.09000	1.9445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498513.73000	3734442.93000	1.9479000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498512.02000	3734501.32000	1.7981000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498523.93000	3734499.16000	1.8000000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498443.98000	3734186.39000	2.9939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498448.79000	3734223.58000	2.7944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498453.60000	3734260.77000	2.6077000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.41000	3734297.96000	2.4442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498463.22000	3734335.15000	2.3012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.55000	3734391.83000	2.1163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498477.88000	3734448.50000	1.9430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498485.21000	3734505.17000	1.7958000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498501.99000	3734503.00000	1.7966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.18000	3734150.51000	3.1858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.95000	3734150.54000	3.2031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.05000	3734150.67000	3.2633000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.70000	3734150.88000	3.2983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.48000	3734150.91000	3.3078000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498548.25000	3734150.94000	3.3129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.05000	3734188.00000	2.9526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.82000	3734188.04000	2.9684000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.57000	3734188.38000	3.0473000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.35000	3734188.41000	3.0591000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498548.12000	3734188.44000	3.0579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.92000	3734225.50000	2.7456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.69000	3734225.54000	2.7584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.44000	3734225.88000	2.8124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.22000	3734225.91000	2.8244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498547.99000	3734225.94000	2.8292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498557.77000	3734225.98000	2.8316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.79000	3734263.00000	2.5663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.56000	3734263.04000	2.5772000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.34000	3734263.07000	2.5895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.31000	3734263.38000	2.6126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.09000	3734263.41000	2.6272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498547.86000	3734263.44000	2.6346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498557.64000	3734263.48000	2.6369000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.66000	3734300.50000	2.4067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.43000	3734300.54000	2.4173000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.21000	3734300.57000	2.4286000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.18000	3734300.88000	2.4370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.96000	3734300.91000	2.4455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498547.73000	3734300.94000	2.4521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498557.51000	3734300.98000	2.4575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.53000	3734338.00000	2.2645000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.30000	3734338.04000	2.2756000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.08000	3734338.07000	2.2836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.85000	3734338.11000	2.2864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.73000	3734338.27000	2.2904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.50000	3734338.31000	2.2946000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498518.28000	3734338.34000	2.2927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.33000	3734395.15000	2.0823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.11000	3734395.18000	2.0892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498439.88000	3734395.21000	2.0940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.66000	3734395.25000	2.0982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.43000	3734395.28000	2.1016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498478.98000	3734395.35000	2.1063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.53000	3734395.42000	2.0990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.31000	3734395.45000	2.1002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498518.08000	3734395.48000	2.0957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.13000	3734452.29000	1.9206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498429.91000	3734452.32000	1.9241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498439.68000	3734452.36000	1.9242000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.46000	3734452.39000	1.9261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.23000	3734452.42000	1.9278000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498469.01000	3734452.46000	1.9293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498488.56000	3734452.53000	1.9267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.11000	3734452.59000	1.9228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.88000	3734452.63000	1.9179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.94000	3734509.43000	1.7780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498429.71000	3734509.47000	1.7832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498439.49000	3734509.50000	1.7837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.26000	3734509.53000	1.7812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.04000	3734509.57000	1.7822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.81000	3734509.60000	1.7827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.69000	3734509.77000	1.7763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.27000	3734070.01000	4.1854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.43000	3734073.63000	4.1241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.59000	3734077.25000	4.0717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.74000	3734080.88000	4.0207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.90000	3734084.50000	3.9721000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498708.36000	3734089.40000	4.0233000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.52000	3734093.02000	3.9340000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498690.67000	3734096.64000	3.8726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.83000	3734100.26000	3.8262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498672.99000	3734103.89000	3.7874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.14000	3734107.51000	3.7475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.30000	3734111.13000	3.7017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.46000	3734114.75000	3.6547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.61000	3734118.38000	3.6089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.77000	3734122.00000	3.5683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498752.45000	3734108.78000	3.8464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498743.60000	3734112.41000	3.7622000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498734.76000	3734116.03000	3.7103000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498725.92000	3734119.65000	3.6663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498717.07000	3734123.27000	3.6168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498708.23000	3734126.90000	3.5679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.39000	3734130.52000	3.5272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498690.54000	3734134.14000	3.4938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.70000	3734137.76000	3.4638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498672.86000	3734141.39000	3.4267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.01000	3734145.01000	3.3852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.17000	3734148.63000	3.3447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.48000	3734155.88000	3.2901000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.64000	3734159.50000	3.2600000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498793.74000	3734129.32000	3.6832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498784.66000	3734133.03000	3.5996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498775.59000	3734136.75000	3.5266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498766.51000	3734140.47000	3.4742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498757.44000	3734144.19000	3.4325000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498748.36000	3734147.90000	3.3989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.28000	3734151.62000	3.3595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498730.21000	3734155.34000	3.3292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.13000	3734159.06000	3.2926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.06000	3734162.78000	3.2607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.98000	3734166.49000	3.2312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.90000	3734170.21000	3.2004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.83000	3734173.93000	3.1663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498657.60000	3734185.08000	3.0816000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498648.53000	3734188.80000	3.0557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.45000	3734192.52000	3.0275000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.37000	3734196.24000	2.9982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498838.46000	3734148.44000	3.5711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498829.40000	3734152.15000	3.4706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.34000	3734155.86000	3.3917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498811.28000	3734159.58000	3.3412000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.23000	3734163.29000	3.2936000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498793.17000	3734167.00000	3.2560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498784.11000	3734170.71000	3.2166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498775.05000	3734174.42000	3.1787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498765.99000	3734178.13000	3.1480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498756.93000	3734181.84000	3.1223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498747.87000	3734185.55000	3.0955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498738.81000	3734189.26000	3.0722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498729.76000	3734192.97000	3.0424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498720.70000	3734196.68000	3.0110000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498711.64000	3734200.39000	2.9784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.58000	3734204.10000	2.9465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.46000	3734211.53000	2.8960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.40000	3734215.24000	2.8773000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.34000	3734218.95000	2.8540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498657.28000	3734222.66000	2.8276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498648.23000	3734226.37000	2.8094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.17000	3734230.08000	2.7862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.11000	3734233.79000	2.7678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498883.10000	3734167.61000	3.4676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498874.05000	3734171.31000	3.3628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498865.01000	3734175.02000	3.2745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498855.96000	3734178.72000	3.2020000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498846.92000	3734182.42000	3.1504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498837.88000	3734186.13000	3.1083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.83000	3734189.83000	3.0694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.79000	3734193.54000	3.0359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498810.74000	3734197.24000	3.0063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.70000	3734200.95000	2.9758000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498792.66000	3734204.65000	2.9419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498783.61000	3734208.36000	2.9128000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498774.57000	3734212.06000	2.8973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498765.52000	3734215.77000	2.8776000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498756.48000	3734219.47000	2.8638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498747.43000	3734223.18000	2.8434000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498738.39000	3734226.88000	2.8146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498729.35000	3734230.59000	2.7873000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.21000	3734241.70000	2.7240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.17000	3734245.41000	2.7044000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.13000	3734249.11000	2.6859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.08000	3734252.81000	2.6640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.04000	3734256.52000	2.6442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.99000	3734260.22000	2.6254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.95000	3734263.93000	2.6065000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.91000	3734267.63000	2.5877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.86000	3734271.34000	2.5734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498918.63000	3734190.50000	3.2730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498909.60000	3734194.20000	3.1761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498900.57000	3734197.90000	3.0858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498891.54000	3734201.60000	3.0228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498882.51000	3734205.29000	2.9766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498873.47000	3734208.99000	2.9305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498864.44000	3734212.69000	2.8984000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498855.41000	3734216.39000	2.8654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498846.38000	3734220.09000	2.8394000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498837.35000	3734223.79000	2.8160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.32000	3734227.49000	2.7941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.29000	3734231.19000	2.7718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498810.25000	3734234.89000	2.7419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.22000	3734238.59000	2.7208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498995.26000	3734216.17000	3.2460000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498986.32000	3734219.83000	3.1525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498977.38000	3734223.49000	3.0616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498968.44000	3734227.16000	2.9754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498959.50000	3734230.82000	2.8959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498923.73000	3734245.47000	2.6745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498914.79000	3734249.13000	2.6451000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498905.85000	3734252.79000	2.6198000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498896.91000	3734256.45000	2.5953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498887.97000	3734260.12000	2.5734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498879.03000	3734263.78000	2.5574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498870.09000	3734267.44000	2.5408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.15000	3734271.10000	2.5293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.21000	3734274.77000	2.5149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498843.27000	3734278.43000	2.5008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498834.33000	3734282.09000	2.4857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499066.08000	3734236.78000	3.2210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499053.28000	3734249.46000	2.9781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499044.26000	3734253.16000	2.8964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499035.24000	3734256.86000	2.8286000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499026.21000	3734260.55000	2.7668000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499017.19000	3734264.25000	2.7061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499008.17000	3734267.94000	2.6439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498999.14000	3734271.64000	2.5890000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498990.12000	3734275.34000	2.5337000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498981.09000	3734279.03000	2.4842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.07000	3734282.73000	2.4448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498963.05000	3734286.43000	2.4121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.98000	3734297.51000	2.3484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498926.95000	3734301.21000	2.3285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498917.93000	3734304.91000	2.3172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498908.91000	3734308.60000	2.3037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.88000	3734312.30000	2.2938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498890.86000	3734316.00000	2.2813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498881.83000	3734319.69000	2.2710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498872.81000	3734323.39000	2.2639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498863.79000	3734327.09000	2.2559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498845.74000	3734334.48000	2.2364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499117.51000	3734250.69000	3.1298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499113.76000	3734259.61000	2.9956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499110.02000	3734268.52000	2.8711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499106.28000	3734277.43000	2.7641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499093.59000	3734290.01000	2.6065000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.64000	3734293.68000	2.5648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499075.70000	3734297.34000	2.5231000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499066.75000	3734301.01000	2.4777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499057.80000	3734304.67000	2.4290000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.86000	3734308.34000	2.3817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499039.91000	3734312.00000	2.3440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499030.96000	3734315.67000	2.3046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499022.01000	3734319.33000	2.2666000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499013.07000	3734323.00000	2.2351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499004.12000	3734326.66000	2.2063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498995.17000	3734330.33000	2.1799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498986.23000	3734333.99000	2.1542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498977.28000	3734337.66000	2.1433000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498968.33000	3734341.32000	2.1300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498959.39000	3734344.99000	2.1184000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498950.44000	3734348.65000	2.1105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498941.49000	3734352.32000	2.1040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498932.55000	3734355.98000	2.0970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498923.60000	3734359.65000	2.0891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498914.65000	3734363.31000	2.0802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498905.71000	3734366.98000	2.0765000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498887.81000	3734374.31000	2.0679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498878.87000	3734377.97000	2.0638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498869.92000	3734381.63000	2.0568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.97000	3734385.30000	2.0493000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499169.17000	3734264.03000	3.0064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499165.40000	3734273.02000	2.8926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.63000	3734282.01000	2.7844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499157.86000	3734290.99000	2.6826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499154.08000	3734299.98000	2.5912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499150.31000	3734308.96000	2.5021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499146.54000	3734317.95000	2.4245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499133.75000	3734330.63000	2.3259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.73000	3734334.32000	2.3020000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499115.71000	3734338.01000	2.2749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499106.69000	3734341.71000	2.2448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499097.67000	3734345.40000	2.2102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499088.66000	3734349.10000	2.1724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499079.64000	3734352.79000	2.1382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499070.62000	3734356.48000	2.1130000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499061.60000	3734360.18000	2.0939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499052.58000	3734363.87000	2.0783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499043.57000	3734367.57000	2.0582000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499034.55000	3734371.26000	2.0328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499025.53000	3734374.95000	2.0049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499016.51000	3734378.65000	1.9808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499007.49000	3734382.34000	1.9583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498998.47000	3734386.04000	1.9424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498989.46000	3734389.73000	1.9362000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498980.44000	3734393.43000	1.9287000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498971.42000	3734397.12000	1.9260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498962.40000	3734400.81000	1.9210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498953.38000	3734404.51000	1.9135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498944.37000	3734408.20000	1.9083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.35000	3734411.90000	1.9056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498926.33000	3734415.59000	1.9032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498917.31000	3734419.28000	1.9037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498908.29000	3734422.98000	1.9036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.28000	3734426.67000	1.8985000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498890.26000	3734430.37000	1.8916000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498881.24000	3734434.06000	1.8836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498872.22000	3734437.75000	1.8777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498863.20000	3734441.45000	1.8693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498854.19000	3734445.14000	1.8606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498845.17000	3734448.84000	1.8578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499205.79000	3734313.23000	2.4847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499201.99000	3734322.27000	2.4128000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499198.19000	3734331.32000	2.3414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499194.39000	3734340.37000	2.2746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499190.59000	3734349.42000	2.2093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499186.79000	3734358.47000	2.1500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499173.91000	3734371.23000	2.0977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499164.83000	3734374.95000	2.0874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499155.75000	3734378.67000	2.0730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499146.67000	3734382.39000	2.0542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499137.59000	3734386.11000	2.0326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499128.51000	3734389.83000	2.0124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499119.42000	3734393.55000	1.9978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499110.34000	3734397.27000	1.9809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499101.26000	3734400.99000	1.9681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499092.18000	3734404.71000	1.9578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499083.10000	3734408.43000	1.9432000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499074.02000	3734412.15000	1.9241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499064.94000	3734415.87000	1.9030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499055.86000	3734419.59000	1.8824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499046.77000	3734423.31000	1.8575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499037.69000	3734427.03000	1.8291000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499028.61000	3734430.75000	1.8122000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499019.53000	3734434.47000	1.8002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.45000	3734438.19000	1.7899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499001.37000	3734441.91000	1.7804000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498992.29000	3734445.63000	1.7761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498983.21000	3734449.35000	1.7713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.13000	3734453.07000	1.7691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498965.04000	3734456.79000	1.7660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498955.96000	3734460.51000	1.7617000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498946.88000	3734464.23000	1.7640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.80000	3734467.95000	1.7677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498928.72000	3734471.67000	1.7715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498919.64000	3734475.39000	1.7708000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498910.56000	3734479.11000	1.7682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498901.48000	3734482.83000	1.7640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498892.40000	3734486.55000	1.7572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498883.31000	3734490.27000	1.7462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498874.23000	3734493.99000	1.7331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498865.15000	3734497.71000	1.7266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498856.07000	3734501.43000	1.7204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499205.19000	3734415.48000	1.9290000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499196.18000	3734419.17000	1.9269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499187.17000	3734422.87000	1.9189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499178.15000	3734426.56000	1.9064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499169.14000	3734430.25000	1.8944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.12000	3734433.94000	1.8853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499151.11000	3734437.64000	1.8743000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499142.10000	3734441.33000	1.8672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499133.08000	3734445.02000	1.8573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.07000	3734448.71000	1.8421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499115.05000	3734452.41000	1.8275000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499106.04000	3734456.10000	1.8117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499097.03000	3734459.79000	1.7958000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499088.01000	3734463.48000	1.7781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499079.00000	3734467.18000	1.7554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499069.99000	3734470.87000	1.7317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499060.97000	3734474.56000	1.7082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499051.96000	3734478.25000	1.6899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499042.94000	3734481.94000	1.6787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499033.93000	3734485.64000	1.6693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499024.92000	3734489.33000	1.6590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499015.90000	3734493.02000	1.6540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499006.89000	3734496.71000	1.6482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498997.87000	3734500.41000	1.6430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498988.86000	3734504.10000	1.6387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498979.85000	3734507.79000	1.6463000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498970.83000	3734511.48000	1.6539000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498961.82000	3734515.18000	1.6615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498952.80000	3734518.87000	1.6659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498943.79000	3734522.56000	1.6648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.78000	3734526.25000	1.6625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.67000	3734555.79000	1.5970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498853.65000	3734559.48000	1.5942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498844.64000	3734563.18000	1.5921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498835.62000	3734566.87000	1.5879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499544.26000	3733779.94000	1.9580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499540.46000	3733788.98000	1.9733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499536.67000	3733798.02000	1.9883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499532.87000	3733807.06000	1.9996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499529.08000	3733816.09000	2.0028000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499525.28000	3733825.13000	2.0036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499521.49000	3733834.17000	2.0114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499517.69000	3733843.20000	2.0153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499513.90000	3733852.24000	2.0154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499510.10000	3733861.28000	2.0105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499209.03000	3734470.97000	1.7867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499199.96000	3734474.69000	1.7812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499190.89000	3734478.40000	1.7742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499181.82000	3734482.12000	1.7713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499172.75000	3734485.83000	1.7675000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499163.68000	3734489.55000	1.7578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499154.61000	3734493.26000	1.7426000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499145.54000	3734496.98000	1.7241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499136.47000	3734500.69000	1.7118000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499127.40000	3734504.41000	1.6977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499118.33000	3734508.13000	1.6809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499109.26000	3734511.84000	1.6606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499100.19000	3734515.56000	1.6417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499091.12000	3734519.27000	1.6188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499082.05000	3734522.99000	1.5951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499072.98000	3734526.70000	1.5778000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.21000	3734567.57000	1.5778000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498964.14000	3734571.29000	1.5727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498955.07000	3734575.00000	1.5669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498946.00000	3734578.72000	1.5589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.93000	3734582.43000	1.5500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498927.86000	3734586.15000	1.5396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498918.79000	3734589.86000	1.5244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498909.72000	3734593.58000	1.5084000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498900.65000	3734597.29000	1.5035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498891.58000	3734601.01000	1.4997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498882.51000	3734604.72000	1.4983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498873.44000	3734608.44000	1.4940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498864.37000	3734612.15000	1.4920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498855.30000	3734615.87000	1.4890000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498846.23000	3734619.58000	1.4819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498837.16000	3734623.30000	1.4777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.09000	3734627.01000	1.4755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.02000	3734630.73000	1.4737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498809.95000	3734634.45000	1.4704000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.88000	3734638.16000	1.4669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498791.81000	3734641.88000	1.4630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.74000	3734645.59000	1.4613000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498773.67000	3734649.31000	1.4595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498764.61000	3734653.02000	1.4597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498755.54000	3734656.74000	1.4568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498746.47000	3734660.45000	1.4520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498737.40000	3734664.17000	1.4482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498728.33000	3734667.88000	1.4430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.26000	3734671.60000	1.4362000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498710.19000	3734675.31000	1.4297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.12000	3734679.03000	1.4239000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498692.05000	3734682.74000	1.4208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.98000	3734686.46000	1.4188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.77000	3734697.61000	1.4109000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.70000	3734701.32000	1.4090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.63000	3734705.04000	1.4082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.56000	3734708.75000	1.4063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.49000	3734712.47000	1.4047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.42000	3734716.18000	1.4019000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.35000	3734719.90000	1.3988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498592.28000	3734723.61000	1.3943000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498160.23000	3733009.55000	3.2770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.77000	3733023.43000	3.3408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.69000	3733033.08000	3.3978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.62000	3733042.74000	3.4585000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.55000	3733052.39000	3.5265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.47000	3733062.05000	3.5815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.40000	3733071.70000	3.6327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.33000	3733081.35000	3.6918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.25000	3733091.01000	3.7511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.18000	3733100.66000	3.8043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.11000	3733110.32000	3.8773000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.04000	3733119.97000	3.9677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.96000	3733129.63000	4.0761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.89000	3733139.28000	4.1725000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.82000	3733148.94000	4.2642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.74000	3733158.59000	4.3444000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.67000	3733168.24000	4.4249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.60000	3733177.90000	4.5236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.52000	3733187.55000	4.6376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.45000	3733197.21000	4.7548000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.38000	3733206.86000	4.9011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.30000	3733216.52000	5.0372000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.23000	3733226.17000	5.1346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.16000	3733235.83000	5.2159000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.08000	3733245.48000	5.3206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498156.01000	3733255.13000	5.4846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498151.03000	3733008.06000	3.2225000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.77000	3733023.35000	3.2939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.69000	3733033.01000	3.3474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.62000	3733042.66000	3.4090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.55000	3733052.32000	3.4703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.47000	3733061.97000	3.5218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.40000	3733071.62000	3.5803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.33000	3733081.28000	3.6431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.25000	3733090.93000	3.6935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.18000	3733100.59000	3.7583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.11000	3733110.24000	3.8334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.04000	3733119.90000	3.9356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.96000	3733129.55000	4.0280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.89000	3733139.21000	4.1097000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.82000	3733148.86000	4.1896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.74000	3733158.51000	4.2661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.67000	3733168.17000	4.3505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.60000	3733177.82000	4.4597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.52000	3733187.48000	4.5674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.45000	3733197.13000	4.6948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.38000	3733206.79000	4.8131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.30000	3733216.44000	4.9120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.23000	3733226.10000	4.9879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.16000	3733235.75000	5.0716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.08000	3733245.40000	5.2106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733255.06000	5.3867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498141.43000	3733007.28000	3.1727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.77000	3733023.28000	3.2564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.69000	3733032.93000	3.3091000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.62000	3733042.59000	3.3685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.55000	3733052.24000	3.4178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.47000	3733061.89000	3.4728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.40000	3733071.55000	3.5280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.33000	3733081.20000	3.5812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.26000	3733090.86000	3.6416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.18000	3733100.51000	3.7066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.11000	3733110.17000	3.7927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.04000	3733119.82000	3.8935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.96000	3733129.48000	3.9792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.89000	3733139.13000	4.0564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.82000	3733148.78000	4.1326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.74000	3733158.44000	4.2073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.67000	3733168.09000	4.2963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.60000	3733177.75000	4.3978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.52000	3733187.40000	4.5167000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.45000	3733197.06000	4.6148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.38000	3733206.71000	4.6958000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.30000	3733216.36000	4.7638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.23000	3733226.02000	4.8423000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.16000	3733235.67000	4.9742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.08000	3733245.33000	5.1244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733254.98000	5.2753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498131.67000	3733006.78000	3.1375000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.77000	3733023.20000	3.2151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.69000	3733032.86000	3.2682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.62000	3733042.51000	3.3182000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.55000	3733052.16000	3.3666000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.48000	3733061.82000	3.4170000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.40000	3733071.47000	3.4702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.33000	3733081.13000	3.5324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.26000	3733090.78000	3.6026000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.18000	3733100.44000	3.6734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.11000	3733110.09000	3.7658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.04000	3733119.75000	3.8546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.96000	3733129.40000	3.9328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.89000	3733139.05000	4.0042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.82000	3733148.71000	4.0762000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.74000	3733158.36000	4.1487000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.67000	3733168.02000	4.2259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.60000	3733177.67000	4.3234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.52000	3733187.33000	4.4275000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.45000	3733196.98000	4.5060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.38000	3733206.63000	4.5664000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.30000	3733216.29000	4.6433000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.23000	3733225.94000	4.7519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.16000	3733235.60000	4.8779000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.08000	3733245.25000	5.0294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733254.91000	5.1643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498121.83000	3733006.42000	3.0939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498129.80000	3732992.33000	3.0509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.77000	3733023.13000	3.1636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498117.70000	3733032.78000	3.2216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.62000	3733042.43000	3.2760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.55000	3733052.09000	3.3261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.48000	3733061.74000	3.3775000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.40000	3733071.40000	3.4335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.33000	3733081.05000	3.4995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.26000	3733090.71000	3.5619000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.18000	3733100.36000	3.6482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.11000	3733110.01000	3.7296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.04000	3733119.67000	3.8089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.96000	3733129.32000	3.8794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.89000	3733138.98000	3.9427000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.82000	3733148.63000	4.0070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.74000	3733158.29000	4.0769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.67000	3733167.94000	4.1458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.60000	3733177.60000	4.2397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.52000	3733187.25000	4.3268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.45000	3733196.90000	4.3814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.38000	3733206.56000	4.4520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.30000	3733216.21000	4.5514000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.23000	3733225.87000	4.6698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.16000	3733235.52000	4.8204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.08000	3733245.18000	4.9596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733254.83000	5.1029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498111.94000	3733006.15000	3.0520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498120.15000	3732991.65000	3.0152000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.77000	3733023.05000	3.1282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.70000	3733032.70000	3.1862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.62000	3733042.36000	3.2393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.55000	3733052.01000	3.2912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.48000	3733061.67000	3.3419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.40000	3733071.32000	3.4006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.33000	3733080.98000	3.4571000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.26000	3733090.63000	3.5338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.18000	3733100.28000	3.6100000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.11000	3733109.94000	3.6817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.04000	3733119.59000	3.7524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.96000	3733129.25000	3.8169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.89000	3733138.90000	3.8757000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.82000	3733148.56000	3.9466000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.74000	3733158.21000	4.0062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.67000	3733167.87000	4.0693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.60000	3733177.52000	4.1387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.52000	3733187.17000	4.2108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.45000	3733196.83000	4.2837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.38000	3733206.48000	4.3782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.30000	3733216.14000	4.4944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.23000	3733225.79000	4.6269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.16000	3733235.45000	4.7599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.08000	3733245.10000	4.8606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733254.76000	5.0112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.03000	3733005.92000	3.0224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.40000	3732991.12000	2.9710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.77000	3733022.97000	3.0964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.70000	3733032.63000	3.1521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.62000	3733042.28000	3.2050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.55000	3733051.94000	3.2509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.48000	3733061.59000	3.3006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.40000	3733071.25000	3.3575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498097.26000	3733090.55000	3.4930000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.18000	3733100.21000	3.5642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.11000	3733109.86000	3.6339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.04000	3733119.52000	3.7002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.96000	3733129.17000	3.7530000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.89000	3733138.83000	3.8164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.82000	3733148.48000	3.8730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498096.67000	3733167.79000	3.9852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.60000	3733177.44000	4.0519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.52000	3733187.10000	4.1420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.45000	3733196.75000	4.2315000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.38000	3733206.41000	4.3282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.30000	3733216.06000	4.4425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.23000	3733225.72000	4.5658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.16000	3733235.37000	4.6669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.09000	3733245.02000	4.7709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733254.68000	4.8886000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.10000	3733005.73000	2.9912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498100.60000	3732990.69000	2.9418000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.77000	3733022.90000	3.0638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.70000	3733032.55000	3.1169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498087.62000	3733042.21000	3.1599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.55000	3733051.86000	3.2032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.48000	3733061.52000	3.2563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.40000	3733071.17000	3.3216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.33000	3733080.82000	3.3944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.26000	3733090.48000	3.4579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.18000	3733100.13000	3.5213000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.11000	3733109.79000	3.5798000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.04000	3733119.44000	3.6336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.96000	3733129.10000	3.6965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.89000	3733138.75000	3.7534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.82000	3733148.41000	3.8055000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.74000	3733158.06000	3.8650000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.67000	3733167.71000	3.9268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.60000	3733177.37000	4.0116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.52000	3733187.02000	4.0908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.45000	3733196.68000	4.1709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.38000	3733206.33000	4.2658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.31000	3733215.99000	4.3765000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.23000	3733225.64000	4.4772000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.16000	3733235.29000	4.5438000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.09000	3733244.95000	4.6824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.01000	3733254.60000	4.8070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498082.15000	3733005.56000	2.9534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498090.76000	3732990.33000	2.9125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.77000	3733022.82000	3.0266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.70000	3733032.48000	3.0715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.62000	3733042.13000	3.1158000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.55000	3733051.79000	3.1674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.48000	3733061.44000	3.2244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.40000	3733071.09000	3.2952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.33000	3733080.75000	3.3612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.26000	3733090.40000	3.4177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.18000	3733100.06000	3.4749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.11000	3733109.71000	3.5323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.04000	3733119.37000	3.5939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.96000	3733129.02000	3.6592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.89000	3733138.67000	3.7140000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.82000	3733148.33000	3.7690000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.74000	3733157.98000	3.8169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.67000	3733167.64000	3.8882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.60000	3733177.29000	3.9578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.52000	3733186.95000	4.0251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.45000	3733196.60000	4.1081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.38000	3733206.26000	4.1972000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.31000	3733215.91000	4.2915000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.23000	3733225.56000	4.3876000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.16000	3733235.22000	4.4867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.09000	3733244.87000	4.6061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.01000	3733254.53000	4.7226000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498072.19000	3733005.40000	2.9167000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498080.89000	3732990.03000	2.8843000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498089.59000	3732974.65000	2.8398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.77000	3733022.75000	2.9891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.70000	3733032.40000	3.0334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.62000	3733042.06000	3.0788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.55000	3733051.71000	3.1308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.48000	3733061.36000	3.1929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.40000	3733071.02000	3.2605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.33000	3733080.67000	3.3250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.26000	3733090.33000	3.3795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.18000	3733099.98000	3.4341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.11000	3733109.64000	3.4996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.04000	3733119.29000	3.5670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.96000	3733128.94000	3.6209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.89000	3733138.60000	3.6660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.82000	3733148.25000	3.7113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.74000	3733157.91000	3.7663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.67000	3733167.56000	3.8330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.60000	3733177.22000	3.8917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.53000	3733186.87000	3.9570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.45000	3733196.53000	4.0352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.38000	3733206.18000	4.1382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.31000	3733215.83000	4.2318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.23000	3733225.49000	4.3029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.16000	3733235.14000	4.4215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.09000	3733244.80000	4.5309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.01000	3733254.45000	4.6266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498052.26000	3733005.13000	2.8553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498056.68000	3732997.33000	2.8380000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.51000	3732981.71000	2.7905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.34000	3732966.10000	2.7605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498047.77000	3733022.59000	2.9129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.70000	3733032.25000	2.9647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.62000	3733041.90000	3.0106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.55000	3733051.56000	3.0804000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.48000	3733061.21000	3.1497000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.40000	3733070.87000	3.2093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.33000	3733080.52000	3.2611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.26000	3733090.18000	3.3099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.18000	3733099.83000	3.3669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.11000	3733109.48000	3.4179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.04000	3733119.14000	3.4564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.97000	3733128.79000	3.4903000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.89000	3733138.45000	3.5306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.82000	3733148.10000	3.5914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.75000	3733157.76000	3.6489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.67000	3733167.41000	3.7115000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.60000	3733177.06000	3.7865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.53000	3733186.72000	3.8634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.45000	3733196.37000	3.9475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.38000	3733206.03000	4.0268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.31000	3733215.68000	4.0864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.23000	3733225.34000	4.1845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.16000	3733234.99000	4.2642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.09000	3733244.65000	4.3430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.01000	3733254.30000	4.4119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498032.31000	3733004.90000	2.7864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498036.78000	3732997.00000	2.7682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498041.24000	3732989.11000	2.7511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498050.17000	3732973.32000	2.7127000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498059.11000	3732957.54000	2.6781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.77000	3733022.44000	2.8731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.70000	3733032.10000	2.9286000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.62000	3733041.75000	2.9884000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.55000	3733051.41000	3.0455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.48000	3733061.06000	3.0935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.40000	3733070.71000	3.1357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.33000	3733080.37000	3.1766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.26000	3733090.02000	3.2195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.19000	3733099.68000	3.2542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.11000	3733109.33000	3.2838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.04000	3733118.99000	3.3258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.97000	3733128.64000	3.3931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.89000	3733138.30000	3.4527000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.82000	3733147.95000	3.5059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.75000	3733157.60000	3.5581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.67000	3733167.26000	3.6302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.60000	3733176.91000	3.7024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.53000	3733186.57000	3.7744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.45000	3733196.22000	3.8344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.38000	3733205.88000	3.8775000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.31000	3733215.53000	3.9528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.23000	3733225.19000	4.0160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.16000	3733234.84000	4.0964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.09000	3733244.49000	4.1753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.01000	3733254.15000	4.2511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498012.35000	3733004.68000	2.7605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498016.85000	3732996.72000	2.7265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498021.36000	3732988.76000	2.6917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498025.86000	3732980.80000	2.6728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498030.36000	3732972.84000	2.6608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498039.37000	3732956.92000	2.6144000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.84000	3733012.64000	2.7899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.77000	3733022.29000	2.8365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.70000	3733031.95000	2.8855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.62000	3733041.60000	2.9289000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.55000	3733051.25000	2.9662000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.48000	3733060.91000	3.0018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.41000	3733070.56000	3.0360000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.33000	3733080.22000	3.0765000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.26000	3733089.87000	3.1122000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.19000	3733099.53000	3.1529000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.11000	3733109.18000	3.2080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.04000	3733118.84000	3.2657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.97000	3733128.49000	3.3217000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.89000	3733138.14000	3.3674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.82000	3733147.80000	3.4231000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.75000	3733157.45000	3.4829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.67000	3733167.11000	3.5395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.60000	3733176.76000	3.5975000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.53000	3733186.42000	3.6459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.45000	3733196.07000	3.6784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.38000	3733205.72000	3.7440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498006.31000	3733215.38000	3.8244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.23000	3733225.03000	3.9030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.16000	3733234.69000	3.9799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.09000	3733244.34000	4.0465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.01000	3733254.00000	4.1132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497992.38000	3733004.47000	2.7131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497996.91000	3732996.46000	2.6906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498001.44000	3732988.45000	2.6630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498005.98000	3732980.44000	2.6322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498010.51000	3732972.43000	2.6064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498015.04000	3732964.41000	2.5878000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498019.58000	3732956.40000	2.5706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.85000	3733012.49000	2.7283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.77000	3733022.14000	2.7665000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.70000	3733031.79000	2.8058000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.63000	3733041.45000	2.8528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.55000	3733051.10000	2.8915000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.48000	3733060.76000	2.9291000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.41000	3733070.41000	2.9602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.33000	3733080.07000	2.9907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.26000	3733089.72000	3.0381000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.19000	3733099.37000	3.0947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.11000	3733109.03000	3.1528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.04000	3733118.68000	3.1970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.97000	3733128.34000	3.2357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.89000	3733137.99000	3.2829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.82000	3733147.65000	3.3328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.75000	3733157.30000	3.3823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.67000	3733166.96000	3.4280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.60000	3733176.61000	3.4745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.53000	3733186.26000	3.5151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.45000	3733195.92000	3.5793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.38000	3733205.57000	3.6614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.31000	3733215.23000	3.7368000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.23000	3733224.88000	3.7980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.16000	3733234.54000	3.8457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.09000	3733244.19000	3.9064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.02000	3733253.85000	3.9595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497972.40000	3733004.28000	2.6507000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497976.96000	3732996.23000	2.6314000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497981.52000	3732988.17000	2.6192000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.07000	3732980.12000	2.5963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497990.63000	3732972.06000	2.5709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497995.19000	3732964.01000	2.5467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497999.75000	3732955.95000	2.5292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.85000	3733012.33000	2.6739000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.77000	3733021.99000	2.7109000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.70000	3733031.64000	2.7448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.63000	3733041.30000	2.7808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.55000	3733050.95000	2.8119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.48000	3733060.61000	2.8518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.41000	3733070.26000	2.8933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.33000	3733079.91000	2.9311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.26000	3733089.57000	2.9852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.19000	3733099.22000	3.0311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.11000	3733108.88000	3.0666000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.04000	3733118.53000	3.1059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.97000	3733128.19000	3.1472000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.89000	3733137.84000	3.1874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.82000	3733147.50000	3.2390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.75000	3733157.15000	3.2929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.67000	3733166.80000	3.3343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.60000	3733176.46000	3.3741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.53000	3733186.11000	3.4349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.45000	3733195.77000	3.5083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.38000	3733205.42000	3.5693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.31000	3733215.08000	3.6224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.24000	3733224.73000	3.6608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.16000	3733234.38000	3.7148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.09000	3733244.04000	3.7620000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.02000	3733253.69000	3.8318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497952.42000	3733004.09000	2.6029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497957.00000	3732996.00000	2.5882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497961.58000	3732987.91000	2.5627000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497966.15000	3732979.83000	2.5419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497970.73000	3732971.74000	2.5253000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497975.31000	3732963.65000	2.5050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497979.88000	3732955.56000	2.4875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.85000	3733012.18000	2.6167000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.77000	3733021.84000	2.6469000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.70000	3733031.49000	2.6846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.63000	3733041.15000	2.7193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497947.55000	3733050.80000	2.7566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.48000	3733060.45000	2.7907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.41000	3733070.11000	2.8251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.33000	3733079.76000	2.8740000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.26000	3733089.42000	2.9127000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.19000	3733099.07000	2.9397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.11000	3733108.73000	2.9810000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.04000	3733118.38000	3.0241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.97000	3733128.03000	3.0698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.89000	3733137.69000	3.1189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.82000	3733147.34000	3.1666000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.75000	3733157.00000	3.2095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.68000	3733166.65000	3.2470000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.60000	3733176.31000	3.2949000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.53000	3733185.96000	3.3570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.46000	3733195.62000	3.4032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.38000	3733205.27000	3.4514000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.31000	3733214.92000	3.5029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.24000	3733224.58000	3.5496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.16000	3733234.23000	3.5891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.09000	3733243.89000	3.6365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.02000	3733253.54000	3.6859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497932.44000	3733003.91000	2.5512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497937.03000	3732995.79000	2.5347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497941.63000	3732987.67000	2.5218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.22000	3732979.56000	2.5022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497950.81000	3732971.44000	2.4844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497955.41000	3732963.32000	2.4559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497960.00000	3732955.20000	2.4369000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.85000	3733012.03000	2.5637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.77000	3733021.68000	2.5960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.70000	3733031.34000	2.6273000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.63000	3733040.99000	2.6553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.55000	3733050.65000	2.6867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.48000	3733060.30000	2.7281000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.41000	3733069.96000	2.7646000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.33000	3733079.61000	2.7993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.26000	3733089.27000	2.8319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.19000	3733098.92000	2.8792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.11000	3733108.57000	2.9211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.04000	3733118.23000	2.9586000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.97000	3733127.88000	3.0095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.90000	3733137.54000	3.0531000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.82000	3733147.19000	3.0902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.75000	3733156.85000	3.1200000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.68000	3733166.50000	3.1544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.60000	3733176.16000	3.2074000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.53000	3733185.81000	3.2544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.46000	3733195.46000	3.3098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.38000	3733205.12000	3.3543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.31000	3733214.77000	3.3868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.24000	3733224.43000	3.4283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.16000	3733234.08000	3.4610000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.09000	3733243.74000	3.5202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.02000	3733253.39000	3.5719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497912.46000	3733003.74000	2.4961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497917.06000	3732995.59000	2.4852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497921.67000	3732987.45000	2.4730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.28000	3732979.30000	2.4573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497930.89000	3732971.16000	2.4402000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497935.49000	3732963.02000	2.4262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497940.10000	3732954.87000	2.4051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.85000	3733011.88000	2.5038000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.77000	3733021.53000	2.5355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.70000	3733031.19000	2.5606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.63000	3733040.84000	2.5908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.55000	3733050.50000	2.6351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.48000	3733060.15000	2.6710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.41000	3733069.81000	2.7062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.34000	3733079.46000	2.7401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.26000	3733089.11000	2.7791000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.19000	3733098.77000	2.8230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.12000	3733108.42000	2.8611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.04000	3733118.08000	2.9022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.97000	3733127.73000	2.9406000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.90000	3733137.39000	2.9705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.82000	3733147.04000	2.9939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.75000	3733156.69000	3.0230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.68000	3733166.35000	3.0791000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.60000	3733176.00000	3.1258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.53000	3733185.66000	3.1723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.46000	3733195.31000	3.2063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497906.38000	3733204.97000	3.2401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.31000	3733214.62000	3.2822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.24000	3733224.28000	3.3143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.16000	3733233.93000	3.3754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.09000	3733243.58000	3.4236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.02000	3733253.24000	3.4670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497892.47000	3733003.56000	2.4376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497897.09000	3732995.40000	2.4297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497901.71000	3732987.23000	2.4160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.33000	3732979.07000	2.4094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497910.95000	3732970.90000	2.3983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497915.57000	3732962.74000	2.3817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497920.19000	3732954.57000	2.3658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.85000	3733011.73000	2.4447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.77000	3733021.38000	2.4755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.70000	3733031.04000	2.5121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.63000	3733040.69000	2.5550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.56000	3733050.34000	2.5888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.48000	3733060.00000	2.6182000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.41000	3733069.65000	2.6557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.34000	3733079.31000	2.6934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.26000	3733088.96000	2.7283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.19000	3733098.62000	2.7606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.12000	3733108.27000	2.7955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.04000	3733117.93000	2.8296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.97000	3733127.58000	2.8535000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.90000	3733137.23000	2.8808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.82000	3733146.89000	2.9121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.75000	3733156.54000	2.9629000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.68000	3733166.20000	2.9987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.60000	3733175.85000	3.0370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.53000	3733185.51000	3.0763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.46000	3733195.16000	3.1098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.38000	3733204.82000	3.1495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.31000	3733214.47000	3.1914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.24000	3733224.12000	3.2339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.16000	3733233.78000	3.2819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.09000	3733243.43000	3.3570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.02000	3733253.09000	3.4316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497872.48000	3733003.39000	2.3823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497877.11000	3732995.21000	2.3726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497881.74000	3732987.02000	2.3642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.37000	3732978.84000	2.3540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497891.00000	3732970.66000	2.3502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497895.63000	3732962.47000	2.3421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497900.26000	3732954.29000	2.3283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.85000	3733011.58000	2.4020000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.78000	3733021.23000	2.4425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.70000	3733030.88000	2.4757000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.63000	3733040.54000	2.5102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.56000	3733050.19000	2.5410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.48000	3733059.85000	2.5749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.41000	3733069.50000	2.6056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.34000	3733079.16000	2.6323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.26000	3733088.81000	2.6584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.19000	3733098.47000	2.6907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.12000	3733108.12000	2.7227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.04000	3733117.77000	2.7536000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.97000	3733127.43000	2.7825000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.90000	3733137.08000	2.8063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.82000	3733146.74000	2.8462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.75000	3733156.39000	2.8807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.68000	3733166.05000	2.9147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.60000	3733175.70000	2.9552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.53000	3733185.35000	2.9955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.46000	3733195.01000	3.0301000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.38000	3733204.66000	3.0877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.31000	3733214.32000	3.1261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.24000	3733223.97000	3.3521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.17000	3733233.63000	3.8375000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.09000	3733243.28000	4.5520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.02000	3733252.94000	4.1937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497835.10000	3733002.90000	2.3220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497839.85000	3732994.50000	2.2939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497844.60000	3732986.11000	2.2814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497849.35000	3732977.71000	2.2647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497854.10000	3732969.32000	2.2500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497858.85000	3732960.92000	2.2390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497863.60000	3732952.53000	2.2343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497830.35000	3733011.29000	2.3439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497830.28000	3733020.95000	2.3701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497830.20000	3733030.60000	2.3908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497830.13000	3733040.25000	2.4162000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497830.06000	3733049.91000	2.4337000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.98000	3733059.56000	2.4566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.91000	3733069.22000	2.4853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.84000	3733078.87000	2.5204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.76000	3733088.53000	2.5500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.69000	3733098.18000	2.5780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.62000	3733107.84000	2.5975000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.54000	3733117.49000	2.6141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.47000	3733127.14000	2.6420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.40000	3733136.80000	2.6794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.32000	3733146.45000	2.7169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.25000	3733156.11000	2.7595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.18000	3733165.76000	2.7964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.11000	3733175.42000	2.8260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.03000	3733185.07000	2.8590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.96000	3733194.72000	2.8965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.89000	3733204.38000	2.9408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.81000	3733214.03000	3.0036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.74000	3733223.69000	3.0952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.67000	3733233.34000	3.5051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.59000	3733243.00000	4.6474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.52000	3733252.65000	4.8755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497797.57000	3733002.66000	2.2418000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497802.29000	3732994.32000	2.2374000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497807.02000	3732985.97000	2.2225000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497811.74000	3732977.62000	2.2018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497816.46000	3732969.28000	2.1831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497821.18000	3732960.93000	2.1728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497825.90000	3732952.59000	2.1564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.85000	3733011.01000	2.2422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.78000	3733020.66000	2.2626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.70000	3733030.32000	2.2913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.63000	3733039.97000	2.3160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.56000	3733049.62000	2.3422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.48000	3733059.28000	2.3657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.41000	3733068.93000	2.3895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.34000	3733078.59000	2.4100000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.27000	3733088.24000	2.4298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.19000	3733097.90000	2.4457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.12000	3733107.55000	2.4702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.05000	3733117.21000	2.5132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.97000	3733126.86000	2.5524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.90000	3733136.51000	2.5846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.83000	3733146.17000	2.6135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.75000	3733155.82000	2.6451000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.68000	3733165.48000	2.6713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.61000	3733175.13000	2.7157000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.53000	3733184.79000	2.7578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.46000	3733194.44000	2.7914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.39000	3733204.09000	2.8339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.31000	3733213.75000	2.8673000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.24000	3733223.40000	2.8831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.17000	3733233.06000	2.9098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.09000	3733242.71000	2.9269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.02000	3733252.37000	3.4006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497760.05000	3733002.42000	2.1550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497764.75000	3732994.11000	2.1378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497769.45000	3732985.81000	2.1342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497774.15000	3732977.50000	2.1319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497778.85000	3732969.19000	2.1253000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497783.55000	3732960.89000	2.1117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497788.25000	3732952.58000	2.0970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497755.35000	3733010.72000	2.1663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497755.28000	3733020.38000	2.1832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497755.21000	3733030.03000	2.2030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497755.13000	3733039.69000	2.2232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497755.06000	3733049.34000	2.2462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.99000	3733058.99000	2.2637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.91000	3733068.65000	2.2819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.84000	3733078.30000	2.3026000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.77000	3733087.96000	2.3304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.69000	3733097.61000	2.3662000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.62000	3733107.27000	2.3982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.55000	3733116.92000	2.4282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.47000	3733126.58000	2.4591000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.40000	3733136.23000	2.4812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.33000	3733145.88000	2.5105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.25000	3733155.54000	2.5447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.18000	3733165.19000	2.5834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.11000	3733174.85000	2.6098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.03000	3733184.50000	2.6297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497753.96000	3733194.16000	2.6584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.89000	3733203.81000	2.6723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.81000	3733213.46000	2.6844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.74000	3733223.12000	2.7094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.67000	3733232.77000	2.7364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.60000	3733242.43000	2.7473000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.52000	3733252.08000	2.7612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497722.53000	3733002.17000	2.0717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497727.21000	3732993.89000	2.0683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497731.90000	3732985.62000	2.0630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497736.58000	3732977.35000	2.0506000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497741.26000	3732969.07000	2.0404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497745.94000	3732960.80000	2.0368000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497750.62000	3732952.53000	2.0296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.85000	3733010.44000	2.0793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.78000	3733020.09000	2.0993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.71000	3733029.75000	2.1183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.63000	3733039.40000	2.1398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.56000	3733049.06000	2.1601000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.49000	3733058.71000	2.1810000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.41000	3733068.36000	2.1993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.34000	3733078.02000	2.2232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.27000	3733087.67000	2.2609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.19000	3733097.33000	2.2882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.12000	3733106.98000	2.3105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.05000	3733116.64000	2.3304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.97000	3733126.29000	2.3602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.90000	3733135.95000	2.3893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.83000	3733145.60000	2.4156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.75000	3733155.25000	2.4410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.68000	3733164.91000	2.4522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.61000	3733174.56000	2.4659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.54000	3733184.22000	2.4968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.46000	3733193.87000	2.5204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.39000	3733203.53000	2.5400000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.32000	3733213.18000	2.5578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.24000	3733222.83000	2.5760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.17000	3733232.49000	2.5931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.10000	3733242.14000	2.6142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.02000	3733251.80000	2.6425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497685.02000	3733001.91000	2.0018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497689.68000	3732993.66000	1.9884000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497694.35000	3732985.42000	1.9832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497699.02000	3732977.17000	1.9800000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497703.68000	3732968.93000	1.9731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497708.35000	3732960.68000	1.9654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497713.01000	3732952.44000	1.9592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497680.35000	3733010.15000	2.0129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497680.28000	3733019.81000	2.0316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497680.21000	3733029.46000	2.0479000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497680.13000	3733039.12000	2.0655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497680.06000	3733048.77000	2.0827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.99000	3733058.43000	2.1033000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.91000	3733068.08000	2.1330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.84000	3733077.73000	2.1546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.77000	3733087.39000	2.1709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.70000	3733097.04000	2.2002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.62000	3733106.70000	2.2288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.55000	3733116.35000	2.2480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.48000	3733126.01000	2.2608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.40000	3733135.66000	2.2790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.33000	3733145.32000	2.3037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.26000	3733154.97000	2.3209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.18000	3733164.62000	2.3365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.11000	3733174.28000	2.3676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.04000	3733183.93000	2.3908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.96000	3733193.59000	2.4023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.89000	3733203.24000	2.4171000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.82000	3733212.90000	2.4437000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.74000	3733222.55000	2.4649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.67000	3733232.21000	2.4716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.60000	3733241.86000	2.5071000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.52000	3733251.51000	2.5322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497647.59000	3733001.49000	1.9406000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497652.33000	3732993.12000	1.9349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497657.07000	3732984.74000	1.9229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497661.81000	3732976.36000	1.9103000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497666.55000	3732967.98000	1.9014000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497671.29000	3732959.61000	1.8990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497676.03000	3732951.23000	1.8923000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.86000	3733009.87000	1.9407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.78000	3733019.52000	1.9614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497642.71000	3733029.18000	1.9790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.64000	3733038.83000	1.9936000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.56000	3733048.49000	2.0123000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.49000	3733058.14000	2.0324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.42000	3733067.80000	2.0445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.34000	3733077.45000	2.0711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.27000	3733087.10000	2.0979000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.20000	3733096.76000	2.1142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.12000	3733106.41000	2.1375000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.05000	3733116.07000	2.1528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.98000	3733125.72000	2.1722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.90000	3733135.38000	2.1882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.83000	3733145.03000	2.2059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.76000	3733154.69000	2.2241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.68000	3733164.34000	2.2494000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.61000	3733173.99000	2.2634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.54000	3733183.65000	2.2807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.46000	3733193.30000	2.3010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.39000	3733202.96000	2.3249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.32000	3733212.61000	2.3368000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.24000	3733222.27000	2.3445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.17000	3733231.92000	2.3817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.10000	3733241.58000	2.4187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.03000	3733251.23000	2.4450000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497610.08000	3733001.24000	1.8764000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497614.80000	3732992.89000	1.8716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497619.52000	3732984.55000	1.8646000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497624.24000	3732976.20000	1.8610000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497628.97000	3732967.86000	1.8532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497633.69000	3732959.51000	1.8391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497638.41000	3732951.17000	1.8285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497605.36000	3733009.59000	1.8789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497605.28000	3733019.24000	1.8907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497605.21000	3733028.89000	1.8999000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497605.14000	3733038.55000	1.9178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497605.06000	3733048.20000	1.9398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.99000	3733057.86000	1.9608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.92000	3733067.51000	1.9862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.84000	3733077.17000	2.0088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.77000	3733086.82000	2.0270000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.70000	3733096.47000	2.0405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.62000	3733106.13000	2.0482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.55000	3733115.78000	2.0706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.48000	3733125.44000	2.0885000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.40000	3733135.09000	2.0996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.33000	3733144.75000	2.1139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.26000	3733154.40000	2.1396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.18000	3733164.06000	2.1606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.11000	3733173.71000	2.1770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.04000	3733183.36000	2.1875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.97000	3733193.02000	2.2061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.89000	3733202.67000	2.2137000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.82000	3733212.33000	2.2333000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.75000	3733221.98000	2.2754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.67000	3733231.64000	2.3087000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.60000	3733241.29000	2.3367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.53000	3733250.95000	2.3508000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497572.56000	3733000.98000	1.8047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497577.27000	3732992.66000	1.8056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497581.98000	3732984.35000	1.8068000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497586.68000	3732976.03000	1.8049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497591.39000	3732967.71000	1.7962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497596.10000	3732959.39000	1.7909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497600.80000	3732951.07000	1.7857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.86000	3733009.30000	1.7998000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.78000	3733018.96000	1.8199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.71000	3733028.61000	1.8466000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.64000	3733038.26000	1.8727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.56000	3733047.92000	1.8956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.49000	3733057.57000	1.9144000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.42000	3733067.23000	1.9276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.34000	3733076.88000	1.9352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.27000	3733086.54000	1.9455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.20000	3733096.19000	1.9607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.13000	3733105.84000	1.9788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497567.05000	3733115.50000	1.9906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.98000	3733125.15000	1.9984000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.91000	3733134.81000	2.0193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.83000	3733144.46000	2.0448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.76000	3733154.12000	2.0646000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.69000	3733163.77000	2.0746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.61000	3733173.43000	2.0797000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497566.54000	3733183.08000	2.0926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.47000	3733192.73000	2.1113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.39000	3733202.39000	2.1357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.32000	3733212.04000	2.1755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.25000	3733221.70000	2.2064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.17000	3733231.35000	2.2301000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.10000	3733241.01000	2.2541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.03000	3733250.66000	2.2748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497515.41000	3733000.57000	1.7315000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497520.10000	3732992.28000	1.7106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497524.80000	3732983.98000	1.7018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497529.49000	3732975.69000	1.6987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497534.18000	3732967.39000	1.7047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497538.87000	3732959.10000	1.7062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497543.57000	3732950.81000	1.7076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.72000	3733008.87000	1.7463000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.64000	3733018.52000	1.7645000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.57000	3733028.18000	1.7786000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.50000	3733037.83000	1.7899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.42000	3733047.49000	1.8011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.35000	3733057.14000	1.8132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.28000	3733066.79000	1.8232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.20000	3733076.45000	1.8302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.13000	3733086.10000	1.8416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497510.06000	3733095.76000	1.8599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.98000	3733105.41000	1.8717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.91000	3733115.07000	1.8825000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.84000	3733124.72000	1.9035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.76000	3733134.37000	1.9172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.69000	3733144.03000	1.9247000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.62000	3733153.68000	1.9309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.54000	3733163.34000	1.9462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.47000	3733172.99000	1.9640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.40000	3733182.65000	1.9784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.33000	3733192.30000	2.0126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.25000	3733201.96000	2.0415000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.18000	3733211.61000	2.0721000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.11000	3733221.26000	2.0968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.03000	3733230.92000	2.1198000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.96000	3733240.57000	2.1437000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.89000	3733250.23000	2.1555000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497458.32000	3733000.04000	1.6606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497463.07000	3732991.65000	1.6559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497467.82000	3732983.27000	1.6499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497472.56000	3732974.88000	1.6354000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497477.31000	3732966.49000	1.6233000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497482.06000	3732958.10000	1.6153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497486.80000	3732949.71000	1.6097000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.57000	3733008.43000	1.6682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.50000	3733018.09000	1.6835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.43000	3733027.74000	1.6937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.36000	3733037.40000	1.7029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.28000	3733047.05000	1.7090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.21000	3733056.71000	1.7183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.14000	3733066.36000	1.7330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497453.06000	3733076.02000	1.7475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.99000	3733085.67000	1.7561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.92000	3733095.32000	1.7607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.84000	3733104.98000	1.7777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.77000	3733114.63000	1.7892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.70000	3733124.29000	1.8056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.62000	3733133.94000	1.8148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.55000	3733143.60000	1.8200000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.48000	3733153.25000	1.8367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.40000	3733162.90000	1.8473000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.33000	3733172.56000	1.8691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.26000	3733182.21000	1.9023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.18000	3733191.87000	1.9296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.11000	3733201.52000	1.9552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.04000	3733211.18000	1.9819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.96000	3733220.83000	2.0050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.89000	3733230.49000	2.0209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.82000	3733240.14000	2.0321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.74000	3733249.79000	2.0350000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497401.17000	3732999.64000	1.5921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497405.90000	3732991.27000	1.5870000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497410.63000	3732982.91000	1.5804000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497415.36000	3732974.55000	1.5694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497420.10000	3732966.18000	1.5654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497424.83000	3732957.82000	1.5587000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497429.56000	3732949.45000	1.5492000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497396.43000	3733008.00000	1.5910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497396.36000	3733017.66000	1.6030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497396.29000	3733027.31000	1.6116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497396.21000	3733036.96000	1.6188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497396.14000	3733046.62000	1.6342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497396.07000	3733056.27000	1.6468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.99000	3733065.93000	1.6542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.92000	3733075.58000	1.6561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.85000	3733085.24000	1.6663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.77000	3733094.89000	1.6860000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.70000	3733104.55000	1.6990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.63000	3733114.20000	1.7067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.56000	3733123.85000	1.7130000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.48000	3733133.51000	1.7199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.41000	3733143.16000	1.7305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.34000	3733152.82000	1.7473000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.26000	3733162.47000	1.7784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.19000	3733172.13000	1.8062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.12000	3733181.78000	1.8330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497395.04000	3733191.43000	1.8542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.97000	3733201.09000	1.8774000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.90000	3733210.74000	1.9008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.82000	3733220.40000	1.9150000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.75000	3733230.05000	1.9257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.68000	3733239.71000	1.9306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.60000	3733249.36000	1.9385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497362.89000	3732965.86000	1.5050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497367.61000	3732957.52000	1.4980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497372.33000	3732949.18000	1.4896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733265.10000	5.6897000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733274.99000	5.9027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733284.88000	6.1575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733294.77000	6.3903000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733304.65000	6.6385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733314.54000	6.9204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733324.43000	7.1441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733334.32000	7.4126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733344.21000	7.7449000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733354.10000	7.8711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733363.99000	8.2420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733373.88000	8.2711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733383.76000	7.9789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733393.65000	7.8738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733403.54000	7.8692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733413.43000	7.7731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733423.32000	7.6833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733433.21000	7.6556000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733443.10000	7.6346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733452.99000	7.5761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733462.87000	7.7968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733472.76000	8.0898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733482.65000	8.2858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733492.54000	8.3994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733502.43000	8.4523000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733512.32000	8.4849000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733522.21000	8.4792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733532.10000	8.4245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733541.98000	8.3391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733551.87000	8.2067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733561.76000	8.0201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3733571.65000	8.0790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733265.10000	5.5528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733274.99000	5.7761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733284.88000	5.9991000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733294.77000	6.1852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733304.65000	6.4420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733314.54000	6.6864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733324.43000	6.8966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733334.32000	7.1359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733344.21000	7.3972000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733354.10000	7.4802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733363.99000	7.7446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733373.88000	7.8462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733383.76000	7.6457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733393.65000	7.5906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733403.54000	7.5617000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733413.43000	7.4505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733423.32000	7.4318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733433.21000	7.4464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733443.10000	7.4080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733452.99000	7.4460000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733462.87000	7.6017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733472.76000	7.7486000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498146.01000	3733482.65000	7.9193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733492.54000	8.0365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733502.43000	8.0877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733512.32000	8.0987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733522.21000	8.0722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733532.10000	7.9979000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733541.98000	7.8782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733551.87000	7.7280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733561.76000	7.7600000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.01000	3733571.65000	7.8012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733265.10000	5.4467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733274.99000	5.6482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733284.88000	5.8452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733294.77000	6.0353000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733304.65000	6.2681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733314.54000	6.4590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733324.43000	6.6420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733334.32000	6.8501000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733344.21000	7.0572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733354.10000	7.1509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733363.99000	7.3486000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733373.88000	7.4834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733383.76000	7.3137000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733393.65000	7.2776000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733403.54000	7.2556000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733413.43000	7.2515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733423.32000	7.2208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733433.21000	7.1855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733443.10000	7.2068000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733452.99000	7.3225000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733462.87000	7.4185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733472.76000	7.5073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733482.65000	7.5893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733492.54000	7.6917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733502.43000	7.7299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733512.32000	7.7239000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733522.21000	7.6799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733532.10000	7.5814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733541.98000	7.4631000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733551.87000	7.4927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733561.76000	7.5288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.01000	3733571.65000	7.5518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733265.10000	5.3684000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733274.99000	5.5551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733284.88000	5.7018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733294.77000	5.8744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733304.65000	6.0538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733314.54000	6.2141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733324.43000	6.3791000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733334.32000	6.6113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733344.21000	6.7883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733354.10000	6.8716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733363.99000	6.9893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733373.88000	7.1165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733383.76000	6.9821000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733393.65000	7.0218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733403.54000	7.0294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733413.43000	7.0273000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733423.32000	6.9745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733433.21000	6.9550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733443.10000	7.0957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733452.99000	7.1992000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733462.87000	7.2438000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733472.76000	7.2769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733482.65000	7.2976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733492.54000	7.3346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733502.43000	7.3709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733512.32000	7.3538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733522.21000	7.2892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733532.10000	7.2079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733541.98000	7.2416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733551.87000	7.2874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733561.76000	7.3001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.01000	3733571.65000	7.3624000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733265.10000	5.2731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733274.99000	5.4223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733284.88000	5.5524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733294.77000	5.7003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733304.65000	5.8526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733314.54000	6.0055000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733324.43000	6.1660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733334.32000	6.3971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498116.01000	3733344.21000	6.5357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733354.10000	6.5914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733363.99000	6.6420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733373.88000	6.7827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733383.76000	6.7481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733393.65000	6.8161000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733403.54000	6.7777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733413.43000	6.7827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733423.32000	6.7482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733433.21000	6.8370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733443.10000	6.9728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733452.99000	7.0606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733462.87000	7.0678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733472.76000	7.0538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733482.65000	7.0531000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733492.54000	7.0276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733502.43000	7.0051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733512.32000	6.9805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733522.21000	6.9335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733532.10000	6.9904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733541.98000	7.0351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733551.87000	7.0753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733561.76000	7.1091000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.01000	3733571.65000	7.1795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733265.10000	5.1556000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733274.99000	5.2663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733284.88000	5.3953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733294.77000	5.5672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733304.65000	5.7016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733314.54000	5.8137000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733324.43000	5.9753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733334.32000	6.1737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733344.21000	6.2698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733354.10000	6.3166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733363.99000	6.3969000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733373.88000	6.5428000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733383.76000	6.5282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733393.65000	6.5877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733403.54000	6.5430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733413.43000	6.5731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733423.32000	6.6485000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733433.21000	6.7587000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733443.10000	6.8464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733452.99000	6.9050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733462.87000	6.9024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733472.76000	6.8596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733482.65000	6.8153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733492.54000	6.7667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733502.43000	6.6982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733512.32000	6.6409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733522.21000	6.7076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733532.10000	6.7661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733541.98000	6.8318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733551.87000	6.8578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.01000	3733561.76000	6.9408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733265.10000	5.0357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733274.99000	5.1471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733284.88000	5.2730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733294.77000	5.4357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733304.65000	5.5542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733314.54000	5.6521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733324.43000	5.7800000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733334.32000	5.9423000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733344.21000	6.0344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733354.10000	6.1190000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733363.99000	6.2042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733373.88000	6.3007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733383.76000	6.3019000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733393.65000	6.3608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733403.54000	6.3409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733413.43000	6.4458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498096.01000	3733433.21000	6.6367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733443.10000	6.6932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733452.99000	6.7230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.01000	3733462.87000	6.7177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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497886.01000	3733304.65000	3.6541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733314.54000	3.6735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733324.43000	3.6685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733334.32000	3.6987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733344.21000	3.7265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733354.10000	3.7771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733363.99000	3.8126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733373.88000	3.8316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733383.76000	3.8642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733393.65000	3.8839000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733403.54000	3.9037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733413.43000	3.9413000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733423.32000	3.9819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733433.21000	3.9971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733443.10000	3.9947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733452.99000	4.0113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733462.87000	4.0713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733472.76000	4.0953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733482.65000	4.1116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733492.54000	4.1215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733502.43000	4.1386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733512.32000	4.1679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733522.21000	4.1895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733532.10000	4.2394000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733541.98000	4.2665000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733551.87000	4.2728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.01000	3733561.76000	4.2807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733265.10000	3.5282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733274.99000	3.4474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733284.88000	3.4612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733294.77000	3.4802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733304.65000	3.4888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733314.54000	3.5142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733324.43000	3.5397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733334.32000	3.5737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733344.21000	3.6125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733354.10000	3.6496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733363.99000	3.6678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733373.88000	3.6896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733383.76000	3.7236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733393.65000	3.7465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733403.54000	3.7745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733413.43000	3.8046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733423.32000	3.8382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733433.21000	3.8416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733443.10000	3.8455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733452.99000	3.8827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733462.87000	3.9283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733472.76000	3.9558000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733482.65000	3.9669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733492.54000	3.9670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733502.43000	3.9959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733512.32000	4.0173000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733522.21000	4.0574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733532.10000	4.0926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733541.98000	4.1093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733551.87000	4.1322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.01000	3733561.76000	4.1237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733265.10000	4.6282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733274.99000	4.4664000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733284.88000	4.0276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497828.51000	3733294.77000	3.6162000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733304.65000	3.3879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733314.54000	3.3415000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733324.43000	3.3542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733334.32000	3.3606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733344.21000	3.3822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733354.10000	3.4101000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733363.99000	3.4367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733373.88000	3.4584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733383.76000	3.4990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733393.65000	3.5255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733403.54000	3.5389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733413.43000	3.5502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733423.32000	3.5707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733433.21000	3.6070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733443.10000	3.6418000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733452.99000	3.6541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733462.87000	3.6667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733472.76000	3.6941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733482.65000	3.7095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733492.54000	3.7314000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733502.43000	3.7394000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733512.32000	3.7788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733522.21000	3.8156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733532.10000	3.8268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733541.98000	3.8496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733551.87000	3.8605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497828.51000	3733561.76000	3.8551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733265.10000	5.5174000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733274.99000	6.6293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733284.88000	6.2814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733294.77000	5.6934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733304.65000	4.8349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733314.54000	4.2922000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733324.43000	3.8096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733334.32000	3.4456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733344.21000	3.2321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733354.10000	3.2300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733363.99000	3.2463000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733373.88000	3.2647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733383.76000	3.2871000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733393.65000	3.3032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733403.54000	3.3068000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733413.43000	3.3352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733423.32000	3.3775000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733433.21000	3.4145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733443.10000	3.4312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733452.99000	3.4384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733462.87000	3.4405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733472.76000	3.4609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733482.65000	3.4985000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733492.54000	3.5075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733502.43000	3.5382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733512.32000	3.5576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733522.21000	3.5761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733532.10000	3.6024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733541.98000	3.6116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733551.87000	3.6094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.01000	3733561.76000	3.6280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733265.10000	2.8287000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733274.99000	2.9151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733284.88000	3.8048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733294.77000	5.1330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733304.65000	6.0905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733314.54000	5.8632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733324.43000	5.4864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733334.32000	4.9521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733344.21000	4.0718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733354.10000	3.3405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733363.99000	3.0878000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733373.88000	3.0635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733383.76000	3.0827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733393.65000	3.1060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733403.54000	3.1386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733413.43000	3.1671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733423.32000	3.1898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733433.21000	3.2198000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733443.10000	3.2326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733452.99000	3.2417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733462.87000	3.2574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733472.76000	3.2746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733482.65000	3.2921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497753.51000	3733492.54000	3.3305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733502.43000	3.3456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733512.32000	3.3534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733522.21000	3.3702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733532.10000	3.3879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733541.98000	3.3961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733551.87000	3.4113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.51000	3733561.76000	3.4427000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733265.10000	2.6782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733274.99000	2.6966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733284.88000	2.7698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733294.77000	3.6543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733304.65000	4.8625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733314.54000	5.1737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733324.43000	5.3753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733334.32000	5.5232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733344.21000	4.5334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733354.10000	3.2750000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733363.99000	2.8834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733373.88000	2.8928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733383.76000	2.9263000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733393.65000	2.9627000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733403.54000	2.9810000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733413.43000	2.9967000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733423.32000	3.0174000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733433.21000	3.0377000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733443.10000	3.0563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733452.99000	3.0784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733462.87000	3.0947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733472.76000	3.1012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733482.65000	3.1271000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733492.54000	3.1533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733502.43000	3.1619000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733512.32000	3.1724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733522.21000	3.1862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733532.10000	3.1934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733541.98000	3.2138000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733551.87000	3.2478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.01000	3733561.76000	3.2754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733265.10000	2.5676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733274.99000	2.5755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733284.88000	2.6302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733294.77000	2.7742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733304.65000	3.1889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733314.54000	3.1707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733324.43000	3.0618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733334.32000	2.9717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733344.21000	2.7403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733354.10000	2.7203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733363.99000	2.7348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733373.88000	2.7636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733383.76000	2.7927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733393.65000	2.8119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733403.54000	2.8283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733413.43000	2.8396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733423.32000	2.8583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733433.21000	2.8731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733443.10000	2.9100000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733452.99000	2.9265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733462.87000	2.9367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733472.76000	2.9606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733482.65000	2.9755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733492.54000	2.9787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733502.43000	2.9968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733512.32000	3.0111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733522.21000	3.0217000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733532.10000	3.0326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733541.98000	3.0618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733551.87000	3.0836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497678.51000	3733561.76000	3.1202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733265.10000	2.4676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733274.99000	2.4805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733284.88000	2.5042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733294.77000	2.5277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733304.65000	2.5454000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733314.54000	2.5596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733324.43000	2.5637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733334.32000	2.5721000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733344.21000	2.5780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733354.10000	2.5993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733363.99000	2.6209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733373.88000	2.6367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497641.01000	3733383.76000	2.6560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733393.65000	2.6755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733403.54000	2.6878000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733413.43000	2.6948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733423.32000	2.7162000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733433.21000	2.7432000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733443.10000	2.7656000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733452.99000	2.7833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733462.87000	2.8059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733472.76000	2.8240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733482.65000	2.8288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733492.54000	2.8334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733502.43000	2.8481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733512.32000	2.8663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733522.21000	2.8756000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733532.10000	2.8981000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733541.98000	2.9186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733551.87000	2.9404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.01000	3733561.76000	2.9724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733265.10000	2.3816000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733274.99000	2.3842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733284.88000	2.3973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733294.77000	2.4146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733304.65000	2.4280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733314.54000	2.4373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733324.43000	2.4397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733334.32000	2.4526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733344.21000	2.4775000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733354.10000	2.4937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733363.99000	2.5043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733373.88000	2.5149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733383.76000	2.5302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733393.65000	2.5443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733403.54000	2.5550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733413.43000	2.5735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733423.32000	2.5956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733433.21000	2.6114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733443.10000	2.6326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733452.99000	2.6649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733462.87000	2.6812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733472.76000	2.6879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733482.65000	2.6971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733492.54000	2.7140000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733502.43000	2.7220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733512.32000	2.7265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733522.21000	2.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733532.10000	2.7860000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733541.98000	2.8141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733551.87000	2.8332000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.51000	3733561.76000	2.8440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733265.10000	2.2902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733274.99000	2.2902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733284.88000	2.2919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733294.77000	2.3067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733304.65000	2.3184000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733314.54000	2.3218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733324.43000	2.3384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733334.32000	2.3621000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733344.21000	2.3788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733354.10000	2.3865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733363.99000	2.3945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733373.88000	2.3960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733383.76000	2.4108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733393.65000	2.4192000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733403.54000	2.4461000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733413.43000	2.4643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733423.32000	2.4745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733433.21000	2.4963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733443.10000	2.5241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733452.99000	2.5462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733462.87000	2.5577000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733472.76000	2.5689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733482.65000	2.5908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733492.54000	2.5997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733502.43000	2.5994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733512.32000	2.6165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733522.21000	2.6570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733532.10000	2.6927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733541.98000	2.7152000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733551.87000	2.7305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.01000	3733561.76000	2.7372000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733265.10000	2.1568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497508.87000	3733274.99000	2.1505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733284.88000	2.1476000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733294.77000	2.1590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733304.65000	2.1799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733314.54000	2.1952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733324.43000	2.2107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733334.32000	2.2200000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733344.21000	2.2291000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733354.10000	2.2284000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733363.99000	2.2317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733373.88000	2.2306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733383.76000	2.2494000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733393.65000	2.2704000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733403.54000	2.2898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733413.43000	2.3006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733423.32000	2.3236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733433.21000	2.3446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733443.10000	2.3625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733452.99000	2.3780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733462.87000	2.4023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733472.76000	2.4215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733482.65000	2.4279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733492.54000	2.4488000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733502.43000	2.4787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733512.32000	2.5018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733522.21000	2.5223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733532.10000	2.5505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733541.98000	2.5693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733551.87000	2.5788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.87000	3733561.76000	2.5808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733265.10000	2.0302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733274.99000	2.0301000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733284.88000	2.0339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733294.77000	2.0510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733304.65000	2.0635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733314.54000	2.0682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733324.43000	2.0786000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733334.32000	2.0803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733344.21000	2.0833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733354.10000	2.0809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733363.99000	2.0868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733373.88000	2.1004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733383.76000	2.1145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733393.65000	2.1264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733403.54000	2.1502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733413.43000	2.1735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733423.32000	2.1911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733433.21000	2.2088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733443.10000	2.2252000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733452.99000	2.2438000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733462.87000	2.2581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733472.76000	2.2799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733482.65000	2.3172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733492.54000	2.3484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733502.43000	2.3722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733512.32000	2.3880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733522.21000	2.3998000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733532.10000	2.4140000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733541.98000	2.4245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497451.72000	3733551.87000	2.4366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733265.10000	1.9447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733274.99000	1.9366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733284.88000	1.9300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733294.77000	1.9416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733304.65000	1.9476000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733314.54000	1.9464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733324.43000	1.9507000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733334.32000	1.9477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733344.21000	1.9503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733354.10000	1.9626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733363.99000	1.9710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733373.88000	1.9766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733383.76000	1.9868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733393.65000	2.0135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733403.54000	2.0386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733413.43000	2.0616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733423.32000	2.0756000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733433.21000	2.0848000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733443.10000	2.1040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733452.99000	2.1160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733462.87000	2.1542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733472.76000	2.1932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497394.58000	3733482.65000	2.2245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733492.54000	2.2486000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733502.43000	2.2671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733512.32000	2.2770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733522.21000	2.2811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733532.10000	2.2898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733541.98000	2.2974000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497394.58000	3733551.87000	2.3037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 3525 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
498156.01000	3733581.38000	1.5919000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498155.86000	3733590.85000	1.6149000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498155.71000	3733600.32000	1.6367000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498146.01000	3733581.22000	1.4878000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.86000	3733590.69000	1.5091000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.71000	3733600.16000	1.5298000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498136.01000	3733581.06000	1.4002000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.86000	3733590.54000	1.4204000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.71000	3733600.01000	1.4404000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498126.02000	3733580.91000	1.3256000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498125.87000	3733590.38000	1.3450000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498125.72000	3733599.85000	1.3648000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498116.02000	3733580.75000	1.2612000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498115.87000	3733590.22000	1.2802000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498115.72000	3733599.69000	1.2998000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498106.02000	3733580.59000	1.2052000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498105.87000	3733590.06000	1.2240000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498105.72000	3733599.53000	1.2436000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498096.02000	3733580.43000	1.1560000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498095.87000	3733589.90000	1.1747000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498095.72000	3733599.37000	1.1944000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498086.02000	3733580.27000	1.1125000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498085.87000	3733589.74000	1.1311000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498085.72000	3733599.21000	1.1510000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498076.02000	3733580.11000	1.0737000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498075.87000	3733589.59000	1.0924000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498075.72000	3733599.06000	1.1125000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498066.02000	3733579.96000	1.0390000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498065.87000	3733589.43000	1.0577000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498065.72000	3733598.90000	1.0780000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498046.03000	3733579.64000	9.7923000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498045.88000	3733589.11000	9.9825000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498045.73000	3733598.58000	1.0189000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498026.03000	3733579.32000	9.2968000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498025.88000	3733588.79000	9.4899000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498025.73000	3733598.26000	9.7011000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498006.03000	3733579.01000	8.8791000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498005.88000	3733588.48000	9.0752000e-04	-99	-99	-99	PERIOD	ALL	00000000	
498005.73000	3733597.95000	9.2903000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497986.03000	3733578.69000	8.5215000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497985.88000	3733588.16000	8.7203000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497985.73000	3733597.63000	8.9390000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497966.04000	3733578.37000	8.2126000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497965.89000	3733587.84000	8.4162000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497965.74000	3733597.31000	8.6401000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497946.04000	3733578.06000	7.9442000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497945.89000	3733587.53000	8.1513000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497945.74000	3733597.00000	8.3763000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497926.04000	3733577.74000	7.7091000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497925.89000	3733587.21000	7.9146000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497925.74000	3733596.68000	8.1412000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497906.04000	3733577.42000	7.4962000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497905.89000	3733586.89000	7.7033000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497905.74000	3733596.36000	7.9317000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497886.05000	3733577.11000	7.3056000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497885.90000	3733586.58000	7.5142000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497885.75000	3733596.05000	7.7440000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497866.05000	3733576.79000	7.1333000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497865.90000	3733586.26000	7.3433000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497865.75000	3733595.73000	7.5747000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497828.55000	3733576.20000	6.8516000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497828.40000	3733585.67000	7.0635000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497828.25000	3733595.14000	7.2973000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497791.06000	3733575.60000	6.6112000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497790.91000	3733585.07000	6.8248000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497790.76000	3733594.54000	7.0606000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497753.56000	3733575.01000	6.4035000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497753.41000	3733584.48000	6.6184000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497753.26000	3733593.95000	6.8557000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497716.07000	3733574.41000	6.2228000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497715.92000	3733583.88000	6.4385000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497715.77000	3733593.35000	6.6765000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497678.57000	3733573.82000	6.0611000e-04	-99	-99	-99	PERIOD	ALL	00000000	
497678.42000	3733583.29000	6.2767000e-04	-99	-99	-99	PERIOD	ALL	00000000	

497678.27000	3733592.76000	6.5146000e-04	-99	-99	-99	PERIOD	ALL	00000000
497641.08000	3733573.23000	5.9120000e-04	-99	-99	-99	PERIOD	ALL	00000000
497640.93000	3733582.70000	6.1282000e-04	-99	-99	-99	PERIOD	ALL	00000000
497640.78000	3733592.17000	6.3667000e-04	-99	-99	-99	PERIOD	ALL	00000000
497603.58000	3733572.63000	5.7753000e-04	-99	-99	-99	PERIOD	ALL	00000000
497603.43000	3733582.10000	5.9911000e-04	-99	-99	-99	PERIOD	ALL	00000000
497603.28000	3733591.57000	6.2293000e-04	-99	-99	-99	PERIOD	ALL	00000000
497566.09000	3733572.04000	5.6493000e-04	-99	-99	-99	PERIOD	ALL	00000000
497565.94000	3733581.51000	5.8641000e-04	-99	-99	-99	PERIOD	ALL	00000000
497565.79000	3733590.98000	6.1010000e-04	-99	-99	-99	PERIOD	ALL	00000000
497508.95000	3733571.13000	5.4677000e-04	-99	-99	-99	PERIOD	ALL	00000000
497508.80000	3733580.60000	5.6811000e-04	-99	-99	-99	PERIOD	ALL	00000000
497508.65000	3733590.07000	5.9166000e-04	-99	-99	-99	PERIOD	ALL	00000000
497451.81000	3733570.23000	5.2951000e-04	-99	-99	-99	PERIOD	ALL	00000000
497451.66000	3733579.70000	5.5072000e-04	-99	-99	-99	PERIOD	ALL	00000000
497451.51000	3733589.17000	5.7408000e-04	-99	-99	-99	PERIOD	ALL	00000000
497451.36000	3733598.64000	5.9998000e-04	-99	-99	-99	PERIOD	ALL	00000000
497394.68000	3733569.32000	5.1236000e-04	-99	-99	-99	PERIOD	ALL	00000000
497394.53000	3733578.79000	5.3336000e-04	-99	-99	-99	PERIOD	ALL	00000000
497394.38000	3733588.26000	5.5654000e-04	-99	-99	-99	PERIOD	ALL	00000000
497394.23000	3733597.73000	5.8226000e-04	-99	-99	-99	PERIOD	ALL	00000000
498172.80000	3733802.04000	2.7923000e-03	-99	-99	-99	PERIOD	ALL	00000000
498163.14000	3733812.01000	2.2086000e-03	-99	-99	-99	PERIOD	ALL	00000000
498172.77000	3733812.04000	2.2688000e-03	-99	-99	-99	PERIOD	ALL	00000000
498182.41000	3733812.06000	2.3331000e-03	-99	-99	-99	PERIOD	ALL	00000000
498192.04000	3733812.09000	2.4007000e-03	-99	-99	-99	PERIOD	ALL	00000000
498201.67000	3733812.12000	2.4721000e-03	-99	-99	-99	PERIOD	ALL	00000000
498211.30000	3733812.14000	2.5482000e-03	-99	-99	-99	PERIOD	ALL	00000000
498220.94000	3733812.17000	2.6289000e-03	-99	-99	-99	PERIOD	ALL	00000000
498230.57000	3733812.20000	2.7164000e-03	-99	-99	-99	PERIOD	ALL	00000000
498240.20000	3733812.23000	2.8155000e-03	-99	-99	-99	PERIOD	ALL	00000000
498163.11000	3733822.01000	1.9017000e-03	-99	-99	-99	PERIOD	ALL	00000000
498172.75000	3733822.04000	1.9472000e-03	-99	-99	-99	PERIOD	ALL	00000000
498182.38000	3733822.06000	1.9955000e-03	-99	-99	-99	PERIOD	ALL	00000000
498192.01000	3733822.09000	2.0457000e-03	-99	-99	-99	PERIOD	ALL	00000000
498201.64000	3733822.12000	2.0983000e-03	-99	-99	-99	PERIOD	ALL	00000000
498211.28000	3733822.14000	2.1538000e-03	-99	-99	-99	PERIOD	ALL	00000000
498220.91000	3733822.17000	2.2119000e-03	-99	-99	-99	PERIOD	ALL	00000000
498230.54000	3733822.20000	2.2742000e-03	-99	-99	-99	PERIOD	ALL	00000000
498240.17000	3733822.23000	2.3428000e-03	-99	-99	-99	PERIOD	ALL	00000000
498249.81000	3733822.25000	2.4213000e-03	-99	-99	-99	PERIOD	ALL	00000000
498259.44000	3733822.28000	2.5117000e-03	-99	-99	-99	PERIOD	ALL	00000000
498269.07000	3733822.31000	2.6166000e-03	-99	-99	-99	PERIOD	ALL	00000000
498278.70000	3733822.33000	2.7378000e-03	-99	-99	-99	PERIOD	ALL	00000000
498172.72000	3733832.04000	1.7244000e-03	-99	-99	-99	PERIOD	ALL	00000000
498182.35000	3733832.06000	1.7632000e-03	-99	-99	-99	PERIOD	ALL	00000000
498191.98000	3733832.09000	1.8034000e-03	-99	-99	-99	PERIOD	ALL	00000000
498201.62000	3733832.12000	1.8452000e-03	-99	-99	-99	PERIOD	ALL	00000000
498211.25000	3733832.14000	1.8889000e-03	-99	-99	-99	PERIOD	ALL	00000000
498220.88000	3733832.17000	1.9343000e-03	-99	-99	-99	PERIOD	ALL	00000000
498230.51000	3733832.20000	1.9824000e-03	-99	-99	-99	PERIOD	ALL	00000000
498240.15000	3733832.23000	2.0343000e-03	-99	-99	-99	PERIOD	ALL	00000000
498249.78000	3733832.25000	2.0914000e-03	-99	-99	-99	PERIOD	ALL	00000000
498259.41000	3733832.28000	2.1545000e-03	-99	-99	-99	PERIOD	ALL	00000000
498269.04000	3733832.31000	2.2247000e-03	-99	-99	-99	PERIOD	ALL	00000000
498278.68000	3733832.33000	2.3029000e-03	-99	-99	-99	PERIOD	ALL	00000000
498288.31000	3733832.36000	2.3887000e-03	-99	-99	-99	PERIOD	ALL	00000000
498297.94000	3733832.39000	2.4829000e-03	-99	-99	-99	PERIOD	ALL	00000000
498307.57000	3733832.41000	2.5859000e-03	-99	-99	-99	PERIOD	ALL	00000000
498317.21000	3733832.44000	2.6957000e-03	-99	-99	-99	PERIOD	ALL	00000000
498326.84000	3733832.47000	2.8077000e-03	-99	-99	-99	PERIOD	ALL	00000000
498172.69000	3733842.04000	1.5580000e-03	-99	-99	-99	PERIOD	ALL	00000000
498182.32000	3733842.06000	1.5905000e-03	-99	-99	-99	PERIOD	ALL	00000000
498191.96000	3733842.09000	1.6240000e-03	-99	-99	-99	PERIOD	ALL	00000000
498201.59000	3733842.12000	1.6587000e-03	-99	-99	-99	PERIOD	ALL	00000000
498211.22000	3733842.14000	1.6946000e-03	-99	-99	-99	PERIOD	ALL	00000000
498220.85000	3733842.17000	1.7317000e-03	-99	-99	-99	PERIOD	ALL	00000000
498230.49000	3733842.20000	1.7706000e-03	-99	-99	-99	PERIOD	ALL	00000000
498240.12000	3733842.23000	1.8117000e-03	-99	-99	-99	PERIOD	ALL	00000000
498249.75000	3733842.25000	1.8560000e-03	-99	-99	-99	PERIOD	ALL	00000000
498259.38000	3733842.28000	1.9035000e-03	-99	-99	-99	PERIOD	ALL	00000000
498269.02000	3733842.31000	1.9550000e-03	-99	-99	-99	PERIOD	ALL	00000000
498278.65000	3733842.33000	2.0107000e-03	-99	-99	-99	PERIOD	ALL	00000000
498288.28000	3733842.36000	2.0704000e-03	-99	-99	-99	PERIOD	ALL	00000000
498297.91000	3733842.39000	2.1341000e-03	-99	-99	-99	PERIOD	ALL	00000000
498307.55000	3733842.41000	2.2017000e-03	-99	-99	-99	PERIOD	ALL	00000000
498317.18000	3733842.44000	2.2709000e-03	-99	-99	-99	PERIOD	ALL	00000000
498326.81000	3733842.47000	2.3390000e-03	-99	-99	-99	PERIOD	ALL	00000000
498336.44000	3733842.50000	2.4021000e-03	-99	-99	-99	PERIOD	ALL	00000000
498346.08000	3733842.52000	2.4593000e-03	-99	-99	-99	PERIOD	ALL	00000000
498355.71000	3733842.55000	2.5133000e-03	-99	-99	-99	PERIOD	ALL	00000000
498172.66000	3733852.04000	1.4274000e-03	-99	-99	-99	PERIOD	ALL	00000000

498182.29000	3733852.06000	1.4553000e-03	-99	-99	-99	PERIOD	ALL	00000000
498191.93000	3733852.09000	1.4839000e-03	-99	-99	-99	PERIOD	ALL	00000000
498201.56000	3733852.12000	1.5134000e-03	-99	-99	-99	PERIOD	ALL	00000000
498211.19000	3733852.14000	1.5438000e-03	-99	-99	-99	PERIOD	ALL	00000000
498220.82000	3733852.17000	1.5749000e-03	-99	-99	-99	PERIOD	ALL	00000000
498230.46000	3733852.20000	1.6073000e-03	-99	-99	-99	PERIOD	ALL	00000000
498240.09000	3733852.23000	1.6410000e-03	-99	-99	-99	PERIOD	ALL	00000000
498249.72000	3733852.25000	1.6767000e-03	-99	-99	-99	PERIOD	ALL	00000000
498259.35000	3733852.28000	1.7142000e-03	-99	-99	-99	PERIOD	ALL	00000000
498268.99000	3733852.31000	1.7541000e-03	-99	-99	-99	PERIOD	ALL	00000000
498278.62000	3733852.33000	1.7964000e-03	-99	-99	-99	PERIOD	ALL	00000000
498288.25000	3733852.36000	1.8409000e-03	-99	-99	-99	PERIOD	ALL	00000000
498297.88000	3733852.39000	1.8875000e-03	-99	-99	-99	PERIOD	ALL	00000000
498307.52000	3733852.41000	1.9358000e-03	-99	-99	-99	PERIOD	ALL	00000000
498317.15000	3733852.44000	1.9843000e-03	-99	-99	-99	PERIOD	ALL	00000000
498326.78000	3733852.47000	2.0311000e-03	-99	-99	-99	PERIOD	ALL	00000000
498336.41000	3733852.50000	2.0742000e-03	-99	-99	-99	PERIOD	ALL	00000000
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497451.72000 3733472.76000 3.8734000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733482.65000 3.9757000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733492.54000 4.0848000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733502.43000 4.2016000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733512.32000 4.3267000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733522.21000 4.4612000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733532.10000 4.6063000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733541.98000 4.7634000e-04      -99      -99      -99  PERIOD  ALL       00000000
497451.72000 3733551.87000 4.9342000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733265.10000 2.4586000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733274.99000 2.4970000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733284.88000 2.5367000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733294.77000 2.5779000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497394.58000 3733324.43000 2.7112000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497394.58000 3733393.65000 3.0925000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733403.54000 3.1576000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733413.43000 3.2260000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733423.32000 3.2979000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733433.21000 3.3738000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733443.10000 3.4540000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733452.99000 3.5388000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497394.58000 3733472.76000 3.7241000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733482.65000 3.8258000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497394.58000 3733522.21000 4.3098000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733532.10000 4.4547000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733541.98000 4.6116000e-04      -99      -99      -99  PERIOD  ALL       00000000
497394.58000 3733551.87000 4.7825000e-04      -99      -99      -99  PERIOD  ALL       00000000
```

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 5244 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
498155.71000	3733600.32000	5.0582000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498155.56000	3733609.79000	5.1227000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498155.41000	3733619.26000	5.1838000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498155.26000	3733628.73000	5.2422000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498155.11000	3733638.20000	5.2994000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.96000	3733647.68000	5.3585000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.81000	3733657.15000	5.4235000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.66000	3733666.62000	5.5009000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.51000	3733676.09000	5.5993000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.36000	3733685.56000	5.7304000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.21000	3733695.03000	5.9104000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498154.06000	3733704.50000	6.1619000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498153.91000	3733713.97000	6.5227000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498153.76000	3733723.44000	7.0617000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498153.61000	3733732.91000	7.9051000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498153.46000	3733742.38000	9.3501000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498145.71000	3733600.16000	4.7283000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498145.56000	3733609.63000	4.7912000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498145.41000	3733619.11000	4.8534000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498145.26000	3733628.58000	4.9159000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498145.11000	3733638.05000	4.9807000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.96000	3733647.52000	5.0508000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.81000	3733656.99000	5.1304000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.66000	3733666.46000	5.2254000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.51000	3733675.93000	5.3439000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.36000	3733685.40000	5.4971000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.21000	3733694.87000	5.7009000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498144.06000	3733704.34000	5.9785000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498143.91000	3733713.81000	6.3685000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498143.76000	3733723.28000	6.9429000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498143.61000	3733732.75000	7.8369000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498143.46000	3733742.22000	9.3751000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498135.71000	3733600.01000	4.4527000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498135.56000	3733609.48000	4.5152000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498135.41000	3733618.95000	4.5790000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498135.26000	3733628.42000	4.6455000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498135.11000	3733637.89000	4.7167000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498134.96000	3733647.36000	4.7957000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498134.81000	3733656.83000	4.8866000e-01	-99	-99	-99	PERIOD	ALL	00000000	
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498134.51000	3733675.77000	5.1291000e-01	-99	-99	-99	PERIOD	ALL	00000000	
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498134.21000	3733694.71000	5.5220000e-01	-99	-99	-99	PERIOD	ALL	00000000	
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498133.61000	3733732.59000	7.7765000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498133.46000	3733742.06000	9.3983000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498125.72000	3733599.85000	4.2193000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498125.57000	3733609.32000	4.2823000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498125.42000	3733618.79000	4.3480000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498125.27000	3733628.26000	4.4181000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498125.12000	3733637.73000	4.4947000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498124.97000	3733647.20000	4.5810000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498124.82000	3733656.67000	4.6808000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498124.67000	3733666.14000	4.8000000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498124.52000	3733675.61000	4.9460000e-01	-99	-99	-99	PERIOD	ALL	00000000	
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498124.22000	3733694.55000	5.3674000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498124.07000	3733704.02000	5.6828000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498123.92000	3733713.49000	6.1164000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498123.77000	3733722.96000	6.7455000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498123.62000	3733732.44000	7.7210000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498123.47000	3733741.91000	9.4109000e-01	-99	-99	-99	PERIOD	ALL	00000000	
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498115.42000	3733618.63000	4.1504000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498115.27000	3733628.10000	4.2238000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498115.12000	3733637.57000	4.3050000e-01	-99	-99	-99	PERIOD	ALL	00000000	
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498114.67000	3733665.98000	4.6320000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498114.52000	3733675.45000	4.7877000e-01	-99	-99	-99	PERIOD	ALL	00000000	
498114.37000	3733684.92000	4.9824000e-01	-99	-99	-99	PERIOD	ALL	00000000	

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498466.61000 3734067.04000 1.9271000e-01      -99      -99      -99  PERIOD  ALL       00000000
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498486.47000 3734100.12000 1.7130000e-01      -99      -99      -99  PERIOD  ALL       00000000
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499312.78000 3734331.20000 7.7636000e-02      -99      -99      -99  PERIOD  ALL       00000000
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499305.19000 3734349.27000 7.3183000e-02      -99      -99      -99  PERIOD  ALL       00000000
499301.40000 3734358.31000 7.1218000e-02      -99      -99      -99  PERIOD  ALL       00000000
499297.60000 3734367.35000 6.9389000e-02      -99      -99      -99  PERIOD  ALL       00000000
499293.81000 3734376.38000 6.7690000e-02      -99      -99      -99  PERIOD  ALL       00000000
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499286.22000 3734394.46000 6.4626000e-02      -99      -99      -99  PERIOD  ALL       00000000
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498801.63000	3733389.17000	2.0665000e-01	-99	-99	-99	PERIOD	ALL	00000000
498801.75000	3733379.66000	2.0547000e-01	-99	-99	-99	PERIOD	ALL	00000000
498801.86000	3733370.16000	2.0423000e-01	-99	-99	-99	PERIOD	ALL	00000000
498801.98000	3733360.65000	2.0290000e-01	-99	-99	-99	PERIOD	ALL	00000000
498802.09000	3733351.14000	2.0150000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498802.33000	3733332.12000	1.9843000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498802.56000	3733313.10000	1.9505000e-01	-99	-99	-99	PERIOD	ALL	00000000
498802.67000	3733303.59000	1.9326000e-01	-99	-99	-99	PERIOD	ALL	00000000
498821.28000	3733417.95000	1.9266000e-01	-99	-99	-99	PERIOD	ALL	00000000
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499124.80000	3733336.04000	7.9209000e-02	-99	-99	-99	PERIOD	ALL	00000000
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499218.74000	3733394.25000	6.8422000e-02	-99	-99	-99	PERIOD	ALL	00000000
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498762.32000	3733268.65000	2.2122000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498862.43000	3733277.30000	1.5078000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498900.05000	3733286.70000	1.3435000e-01	-99	-99	-99	PERIOD	ALL	00000000
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498596.92000	3732683.98000	8.6579000e-02	-99	-99	-99	PERIOD	ALL	00000000
498588.16000	3732679.58000	8.5981000e-02	-99	-99	-99	PERIOD	ALL	00000000
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497223.15000 3733363.99000 7.6425000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733373.88000 7.8033000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733383.76000 7.9724000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733393.65000 8.1505000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733403.54000 8.3383000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733413.43000 8.5366000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733423.32000 8.7462000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733433.21000 8.9681000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733443.10000 9.2034000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733452.99000 9.4534000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733462.87000 9.7192000e-02      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733472.76000 1.0003000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733482.65000 1.0306000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733492.54000 1.0631000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733502.43000 1.0979000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733512.32000 1.1355000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733522.21000 1.1760000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733532.10000 1.2199000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733541.98000 1.2675000e-01      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733551.87000 1.3195000e-01      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733265.10000 5.9602000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733274.99000 6.0544000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733284.88000 6.1528000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733294.77000 6.2552000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733304.65000 6.3615000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733314.54000 6.4728000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733324.43000 6.5892000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733334.32000 6.7111000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733344.21000 6.8390000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733354.10000 6.9730000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733363.99000 7.1136000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733373.88000 7.2619000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733383.76000 7.4180000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733393.65000 7.5830000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733403.54000 7.7574000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733413.43000 7.9419000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733423.32000 8.1377000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733433.21000 8.3455000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733443.10000 8.5667000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733452.99000 8.8024000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733462.87000 9.0539000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733472.76000 9.3233000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733482.65000 9.6121000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733492.54000 9.9225000e-02      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733502.43000 1.0257000e-01      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733512.32000 1.0618000e-01      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733522.21000 1.1009000e-01      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733532.10000 1.1434000e-01      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733541.98000 1.1896000e-01      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733551.87000 1.2403000e-01      -99      -99      -99  PERIOD  ALL       00000000
499057.15000 3734069.05000 3.0908000e-01      -99      -99      -99  PERIOD  ALL       00000000
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499203.42000 3734090.19000 2.3550000e-01      -99      -99      -99  PERIOD  ALL       00000000
499336.46000 3733957.15000 9.1336000e-02      -99      -99      -99  PERIOD  ALL       00000000
499337.34000 3733926.31000 8.4577000e-02      -99      -99      -99  PERIOD  ALL       00000000
498980.50000 3734032.04000 2.8332000e-01      -99      -99      -99  PERIOD  ALL       00000000
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* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 5244 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE(CONC)
498155.71000	3733600.32000	8.4294000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498155.56000	3733609.79000	8.5146000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498155.41000	3733619.26000	8.6974000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498155.26000	3733628.73000	8.8196000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498155.11000	3733638.20000	8.8566000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.96000	3733647.68000	9.0310000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.81000	3733657.15000	9.0658000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.66000	3733666.62000	8.9985000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.51000	3733676.09000	9.1222000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.36000	3733685.56000	9.0117000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.21000	3733695.03000	8.8024000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498154.06000	3733704.50000	8.7453000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498153.91000	3733713.97000	8.8918000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498153.76000	3733723.44000	9.1282000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498153.61000	3733732.91000	9.6343000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498153.46000	3733742.38000	1.0636000e-04	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.71000	3733600.16000	8.0970000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.56000	3733609.63000	8.1952000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.41000	3733619.11000	8.3435000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.26000	3733628.58000	8.4354000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498145.11000	3733638.05000	8.4670000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.96000	3733647.52000	8.6392000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.81000	3733656.99000	8.6536000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.66000	3733666.46000	8.5952000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.51000	3733675.93000	8.6392000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.36000	3733685.40000	8.5934000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.21000	3733694.87000	8.4946000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498144.06000	3733704.34000	8.5004000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498143.91000	3733713.81000	8.6898000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498143.76000	3733723.28000	8.9603000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498143.61000	3733732.75000	9.5037000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498143.46000	3733742.22000	1.0519000e-04	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.71000	3733600.01000	7.8012000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.56000	3733609.48000	7.9285000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.41000	3733618.95000	8.0160000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.26000	3733628.42000	8.0771000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498135.11000	3733637.89000	8.1434000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.96000	3733647.36000	8.2846000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.81000	3733656.83000	8.2939000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.66000	3733666.30000	8.2475000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.51000	3733675.77000	8.2255000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.36000	3733685.24000	8.2197000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.21000	3733694.71000	8.2010000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498134.06000	3733704.18000	8.2737000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498133.91000	3733713.65000	8.4827000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498133.76000	3733723.12000	8.8112000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498133.61000	3733732.59000	9.3907000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498133.46000	3733742.06000	1.0455000e-04	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.72000	3733599.85000	7.5501000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.57000	3733609.32000	7.6650000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.42000	3733618.79000	7.7388000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.27000	3733628.26000	7.7419000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498125.12000	3733637.73000	7.8422000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.97000	3733647.20000	7.9754000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.82000	3733656.67000	7.9703000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.67000	3733666.14000	7.9405000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.52000	3733675.61000	7.9013000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.37000	3733685.08000	7.8881000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.22000	3733694.55000	7.9383000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498124.07000	3733704.02000	8.0548000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498123.92000	3733713.49000	8.2855000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498123.77000	3733722.96000	8.6574000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498123.62000	3733732.44000	9.2601000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498123.47000	3733741.91000	1.0379000e-04	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.72000	3733599.69000	7.3263000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.57000	3733609.16000	7.4128000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.42000	3733618.63000	7.4712000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.27000	3733628.10000	7.4749000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498115.12000	3733637.57000	7.5797000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498114.97000	3733647.04000	7.6898000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498114.82000	3733656.51000	7.6794000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498114.67000	3733665.98000	7.6685000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000
498114.52000	3733675.45000	7.6385000e-05	-99	-99	-99	1-HR	ALL	1ST		00000000

498114.37000	3733684.92000	7.6372000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498114.22000	3733694.39000	7.6972000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498114.07000	3733703.87000	7.8515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498113.92000	3733713.34000	8.0988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498113.77000	3733722.81000	8.5053000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498113.62000	3733732.28000	9.1166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498113.47000	3733741.75000	1.0290000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.54000	3733568.42000	2.1719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.39000	3733577.89000	2.1784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.24000	3733587.36000	2.2113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.09000	3733596.83000	2.2404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.94000	3733606.30000	2.2730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.79000	3733615.77000	2.3114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.64000	3733625.24000	2.3510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.49000	3733634.71000	2.4024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.34000	3733644.18000	2.4639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.19000	3733653.65000	2.5642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497336.04000	3733663.12000	2.6987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497335.89000	3733672.59000	2.8569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497335.74000	3733682.06000	3.0552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497335.59000	3733691.54000	3.3085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497335.44000	3733701.01000	3.6700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497335.29000	3733710.48000	4.2065000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497335.14000	3733719.95000	5.0202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497334.99000	3733729.42000	6.4417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497334.84000	3733738.89000	9.5700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.41000	3733567.51000	2.0524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.26000	3733576.98000	2.0606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.11000	3733586.45000	2.0939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.96000	3733595.92000	2.1236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.81000	3733605.40000	2.1565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.66000	3733614.87000	2.1929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.51000	3733624.34000	2.2346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.36000	3733633.81000	2.2909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.21000	3733643.28000	2.3636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497279.06000	3733652.75000	2.4679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.91000	3733662.22000	2.5934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.76000	3733671.69000	2.7553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.61000	3733681.16000	2.9524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.46000	3733690.63000	3.1954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.31000	3733700.10000	3.5434000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.16000	3733709.57000	4.0559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497278.01000	3733719.04000	4.8411000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497277.86000	3733728.51000	6.1962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497277.71000	3733737.98000	9.1516000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.27000	3733566.61000	1.9455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.12000	3733576.08000	1.9465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.97000	3733585.55000	1.9751000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.82000	3733595.02000	2.0048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.67000	3733604.49000	2.0405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.52000	3733613.96000	2.0784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.37000	3733623.43000	2.1299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.22000	3733632.90000	2.2030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497222.07000	3733642.37000	2.2803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.92000	3733651.84000	2.3672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.77000	3733661.31000	2.4801000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.62000	3733670.78000	2.6255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.47000	3733680.26000	2.8255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.32000	3733689.73000	3.0703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.17000	3733699.20000	3.4106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497221.02000	3733708.67000	3.9036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497220.87000	3733718.14000	4.6557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497220.72000	3733727.61000	5.9504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497220.57000	3733737.08000	8.7456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.14000	3733565.70000	1.8530000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.99000	3733575.17000	1.8475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.84000	3733584.64000	1.8684000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.69000	3733594.12000	1.8907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.54000	3733603.59000	1.9318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.39000	3733613.06000	1.9823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.24000	3733622.53000	2.0428000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497165.09000	3733632.00000	2.1121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.94000	3733641.47000	2.1872000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.79000	3733650.94000	2.2734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.64000	3733660.41000	2.3681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.49000	3733669.88000	2.4957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.34000	3733679.35000	2.6768000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.19000	3733688.82000	2.9282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497164.04000	3733698.29000	3.2609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497163.89000	3733707.76000	3.7357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497163.74000	3733717.23000	4.4512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497163.59000	3733726.70000	5.6787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497163.44000	3733736.17000	8.3050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498121.65000	3733804.54000	8.9124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498122.47000	3733814.89000	7.9618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498123.07000	3733825.16000	7.2726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498104.21000	3733927.34000	4.0253000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498095.84000	3733923.82000	4.0096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.48000	3733920.30000	4.0082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498079.12000	3733916.77000	4.0053000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498070.76000	3733913.25000	3.9907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498101.88000	3733946.38000	3.8542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.19000	3733942.72000	3.8359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498084.50000	3733939.06000	3.8237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.81000	3733935.40000	3.8080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.12000	3733931.74000	3.7866000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498058.43000	3733928.08000	3.7680000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.75000	3733924.42000	3.7797000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498041.06000	3733920.76000	3.8007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498032.37000	3733917.10000	3.8185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498023.68000	3733913.44000	3.8370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.82000	3733809.81000	6.5879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497964.33000	3733801.06000	7.2176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.92000	3733966.85000	3.6795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498094.39000	3733963.26000	3.6741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498085.86000	3733959.66000	3.6595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.33000	3733956.07000	3.6527000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498068.80000	3733952.47000	3.6342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498060.27000	3733948.88000	3.6179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498051.74000	3733945.29000	3.5952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498043.21000	3733941.69000	3.5963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498034.68000	3733938.10000	3.6076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.15000	3733934.50000	3.6178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498017.62000	3733930.91000	3.6199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498009.09000	3733927.31000	3.6194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498000.56000	3733923.72000	3.6161000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497988.60000	3733911.53000	3.7331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498100.97000	3733986.05000	3.5051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.17000	3733982.34000	3.5114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.37000	3733978.63000	3.5038000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.57000	3733974.93000	3.4981000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.77000	3733971.22000	3.4839000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498056.97000	3733967.51000	3.4624000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.17000	3733963.80000	3.4456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498039.36000	3733960.09000	3.4309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498030.56000	3733956.39000	3.4336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498021.76000	3733952.68000	3.4431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498012.96000	3733948.97000	3.4552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498004.16000	3733945.26000	3.4594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497995.36000	3733941.55000	3.4554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.56000	3733937.84000	3.4482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497974.21000	3733925.27000	3.5085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497970.67000	3733916.40000	3.6054000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497924.60000	3733801.11000	6.8421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.22000	3734024.72000	3.4476000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.56000	3734021.07000	3.4296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.91000	3734017.42000	3.4352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498084.64000	3733999.19000	3.3515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.99000	3733995.55000	3.3553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.33000	3733991.90000	3.3545000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498058.68000	3733988.25000	3.3475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498050.02000	3733984.61000	3.3227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498041.37000	3733980.96000	3.2957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498032.72000	3733977.32000	3.2799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498024.06000	3733973.67000	3.2819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498015.41000	3733970.02000	3.2777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.75000	3733966.38000	3.2888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497998.10000	3733962.73000	3.2980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497989.45000	3733959.08000	3.3031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497960.00000	3733939.43000	3.3443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497956.51000	3733930.71000	3.4117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497953.03000	3733921.98000	3.4811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497949.55000	3733913.26000	3.5660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497914.70000	3733826.06000	5.4467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497911.22000	3733817.34000	5.7720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.74000	3733808.62000	6.1925000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497904.25000	3733799.90000	6.7874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.41000	3734044.82000	3.3215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.88000	3734041.23000	3.3129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498128.35000	3734037.63000	3.2918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498119.82000	3734034.04000	3.2853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498111.29000	3734030.44000	3.2880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.76000	3734026.85000	3.2748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498094.23000	3734023.26000	3.2572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498060.10000	3734008.88000	3.2199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498051.57000	3734005.29000	3.2183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498043.04000	3734001.69000	3.2022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498034.51000	3733998.10000	3.1711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498025.98000	3733994.50000	3.1445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498017.45000	3733990.91000	3.1475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498008.92000	3733987.31000	3.1456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498000.39000	3733983.72000	3.1408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497991.86000	3733980.13000	3.1467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497957.74000	3733965.75000	3.1445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497945.78000	3733953.56000	3.1931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497942.34000	3733944.96000	3.2496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497938.91000	3733936.37000	3.3133000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497935.47000	3733927.77000	3.3714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497894.26000	3733824.62000	5.3874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497890.82000	3733816.03000	5.7176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.39000	3733807.43000	6.1426000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.23000	3734082.29000	3.0647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.66000	3734078.68000	3.0786000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498128.09000	3734075.07000	3.0841000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498119.52000	3734071.46000	3.0782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.95000	3734067.85000	3.0596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.38000	3734064.24000	3.0428000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497846.55000	3733798.47000	6.5310000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.06000	3734119.76000	2.9010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.46000	3734116.14000	2.8938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.86000	3734112.52000	2.8728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498119.26000	3734108.89000	2.8618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.66000	3734105.27000	2.8689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.06000	3734101.65000	2.8612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.47000	3734098.02000	2.8546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497836.83000	3733867.38000	3.9700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497833.37000	3733858.72000	4.1584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.90000	3733850.05000	4.3569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497819.52000	3733824.06000	5.0547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497816.05000	3733815.39000	5.3827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497812.59000	3733806.73000	5.7933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497809.13000	3733798.06000	6.3671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.16000	3734135.44000	2.6761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497799.48000	3733867.15000	3.8553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497796.00000	3733858.46000	4.0260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.53000	3733849.77000	4.2037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497778.64000	3733815.00000	5.2335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498411.73000	3733810.12000	2.1912000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498418.23000	3733817.72000	2.1872000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.09000	3733867.36000	1.1641000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.95000	3733870.72000	1.0381000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498446.31000	3733879.17000	1.0935000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498437.23000	3733882.51000	9.8125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498428.15000	3733885.85000	9.0017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.07000	3733889.19000	8.4002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498409.99000	3733892.52000	7.9311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.41000	3733891.03000	1.0320000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.37000	3733894.35000	9.2924000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498450.33000	3733897.67000	8.5595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.30000	3733900.99000	7.9895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.26000	3733904.32000	7.5292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.23000	3733907.64000	7.1759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.19000	3733910.96000	6.8781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498481.26000	3733906.28000	8.8346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498471.94000	3733909.71000	8.1165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498462.61000	3733913.14000	7.5699000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498453.29000	3733916.57000	7.1547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498443.97000	3733919.99000	6.8317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498434.64000	3733923.42000	6.5341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498425.32000	3733926.85000	6.2715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498416.00000	3733930.27000	6.0577000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.68000	3733933.70000	5.8643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.76000	3733928.29000	6.9550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.50000	3733931.69000	6.6375000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498457.23000	3733935.10000	6.3465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498447.97000	3733938.50000	6.1212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498438.71000	3733941.91000	5.9135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498420.18000	3733948.71000	5.5555000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498410.92000	3733952.12000	5.4162000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.67000	3733946.83000	6.2025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.45000	3733950.22000	5.9822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.24000	3733953.60000	5.7742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498452.03000	3733956.99000	5.5818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.81000	3733960.38000	5.4449000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.60000	3733963.76000	5.3128000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498424.39000	3733967.15000	5.2146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.17000	3733970.54000	5.0994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.96000	3733973.92000	4.9851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498515.70000	3733931.74000	7.7176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498474.46000	3733968.72000	5.4630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498465.29000	3733972.09000	5.3359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498456.12000	3733975.46000	5.2108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498446.95000	3733978.83000	5.1002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498437.78000	3733982.21000	5.0199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498428.60000	3733985.58000	4.9249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.43000	3733988.95000	4.8358000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498410.26000	3733992.32000	4.7270000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.70000	3733946.94000	7.0574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498478.52000	3733987.21000	5.1049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498469.38000	3733990.57000	5.0058000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498460.24000	3733993.93000	4.9306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.11000	3733997.28000	4.8314000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.97000	3734000.64000	4.7578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.83000	3734004.00000	4.6760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.70000	3734007.36000	4.5832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.56000	3734010.72000	4.4978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.43000	3734014.08000	4.4218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.98000	3734006.28000	4.8032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498471.66000	3734009.71000	4.7260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498462.33000	3734013.14000	4.6483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498453.01000	3734016.57000	4.5802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498443.69000	3734019.99000	4.4898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498434.36000	3734023.42000	4.4159000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498425.04000	3734026.85000	4.3290000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.72000	3734030.27000	4.2500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.40000	3734033.70000	4.1937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498515.62000	3734031.01000	4.5142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498506.44000	3734034.39000	4.4516000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498497.26000	3734037.76000	4.3900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498488.08000	3734041.13000	4.3292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498478.91000	3734044.51000	4.2745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498469.73000	3734047.88000	4.2221000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498460.55000	3734051.25000	4.1546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.37000	3734054.63000	4.0947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.20000	3734058.00000	4.0114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.02000	3734061.37000	3.9522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.84000	3734064.75000	3.9045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.67000	3734068.12000	3.8493000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.49000	3734071.49000	3.7838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498521.14000	3734066.44000	4.0541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.90000	3734069.84000	4.0103000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498502.67000	3734073.23000	3.9729000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.43000	3734076.63000	3.9262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.20000	3734080.02000	3.8874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498474.96000	3734083.42000	3.8500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498465.73000	3734086.81000	3.7990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498456.49000	3734090.21000	3.7311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498447.26000	3734093.60000	3.6832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498438.02000	3734097.00000	3.6308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498428.79000	3734100.39000	3.5877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.55000	3734103.79000	3.5406000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498410.32000	3734107.18000	3.4901000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.25000	3734105.33000	3.6564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.97000	3734108.75000	3.6261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.69000	3734112.16000	3.6034000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.40000	3734115.57000	3.5619000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.12000	3734118.98000	3.5208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.84000	3734122.40000	3.4816000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498461.55000	3734125.81000	3.4395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498452.27000	3734129.22000	3.3904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.99000	3734132.63000	3.3592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.71000	3734136.04000	3.3155000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498550.48000	3734130.58000	3.4703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498541.16000	3734134.01000	3.4447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498531.83000	3734137.44000	3.4032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.27000	3734142.02000	3.3980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.92000	3734145.46000	3.3715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.56000	3734148.90000	3.3414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498593.20000	3734152.34000	3.3154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498425.50000	3733935.83000	5.9554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498434.15000	3733933.12000	6.1503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498431.48000	3733954.92000	5.4909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498455.40000	3734031.26000	4.3957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498464.05000	3734028.55000	4.4446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.61000	3734067.04000	3.9973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.26000	3734064.33000	4.0442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498477.82000	3734102.83000	3.6678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498486.47000	3734100.12000	3.7005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.03000	3734138.61000	3.3771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498497.68000	3734135.90000	3.4065000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498419.57000	3733957.66000	5.3578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.14000	3733977.34000	5.0341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.76000	3733998.10000	4.7035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.33000	3734017.78000	4.4421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498427.89000	3734037.45000	4.2076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498439.80000	3734035.29000	4.2787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498434.59000	3734074.35000	3.8247000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498446.50000	3734072.19000	3.8825000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.28000	3734111.25000	3.5203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498453.19000	3734109.09000	3.5522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498409.46000	3733787.53000	1.6131000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498426.14000	3733916.45000	6.7361000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498412.69000	3733777.97000	1.6613000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.46000	3733778.01000	1.6193000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.24000	3733778.04000	1.5936000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.01000	3733778.07000	1.5706000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.43000	3733788.01000	1.5524000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.20000	3733788.04000	1.5127000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.98000	3733788.07000	1.4836000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.39000	3733798.01000	1.5993000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.17000	3733798.04000	1.5328000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.94000	3733798.07000	1.4828000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.36000	3733808.01000	1.8205000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.13000	3733808.04000	1.6836000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.91000	3733808.07000	1.5759000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.10000	3733818.04000	2.1313000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.87000	3733818.07000	1.8595000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.12000	3733878.01000	9.6988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.05000	3733898.01000	7.7762000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.73000	3733918.34000	9.1750000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498529.50000	3733918.38000	9.7928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498539.28000	3733918.41000	1.0500000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498549.05000	3733918.45000	1.1361000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498539.21000	3733938.41000	7.9027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498548.98000	3733938.45000	8.2179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.42000	3733978.21000	5.2839000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.28000	3734018.21000	4.6298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.44000	3734038.17000	4.3396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.43000	3734075.51000	3.8000000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498460.53000	3734075.64000	3.8889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.31000	3734075.67000	3.9165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.18000	3734075.84000	3.9465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.31000	3734113.01000	3.4647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498431.08000	3734113.04000	3.4843000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498470.18000	3734113.17000	3.5615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498580.54000	3733769.79000	1.2979000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.50000	3733728.86000	1.4334000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.55000	3733719.04000	1.4873000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.61000	3733709.21000	1.5832000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.66000	3733699.38000	1.6887000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.71000	3733689.55000	1.8023000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.76000	3733679.72000	1.8530000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.82000	3733669.89000	1.8379000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.87000	3733660.07000	1.7714000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.92000	3733650.24000	1.6788000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498599.97000	3733640.41000	1.5899000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.02000	3733630.58000	1.5602000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.08000	3733620.75000	1.5440000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.13000	3733610.92000	1.5108000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.18000	3733601.10000	1.4742000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.23000	3733591.27000	1.4510000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.29000	3733581.44000	1.4475000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.34000	3733571.61000	1.4606000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.39000	3733561.78000	1.5003000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.44000	3733551.95000	1.5281000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.49000	3733542.12000	1.5417000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.55000	3733532.30000	1.5390000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.60000	3733522.47000	1.5341000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.65000	3733512.64000	1.5428000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.70000	3733502.81000	1.5618000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.76000	3733492.98000	1.5789000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.81000	3733483.15000	1.5938000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.86000	3733473.33000	1.6037000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.91000	3733463.50000	1.6052000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.96000	3733453.67000	1.5938000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.02000	3733443.84000	1.5686000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.07000	3733434.01000	1.5847000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498585.81000	3733777.61000	1.1614000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.96000	3733781.23000	1.1912000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000

498568.12000	3733784.86000	1.2214000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.50000	3733728.92000	1.2814000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.55000	3733719.09000	1.3302000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.61000	3733709.26000	1.4166000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.66000	3733699.43000	1.4748000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.71000	3733689.60000	1.5570000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.76000	3733679.78000	1.5841000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.82000	3733669.95000	1.5769000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.87000	3733660.12000	1.5319000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.92000	3733650.29000	1.4716000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.97000	3733640.46000	1.4036000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.02000	3733630.63000	1.3576000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.08000	3733620.81000	1.3270000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.13000	3733610.98000	1.2968000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.18000	3733601.15000	1.2683000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.23000	3733591.32000	1.2573000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.29000	3733581.49000	1.2755000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.34000	3733571.66000	1.3041000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.39000	3733561.83000	1.3352000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.44000	3733552.01000	1.3511000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.49000	3733542.18000	1.3537000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.55000	3733532.35000	1.3528000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.60000	3733522.52000	1.3488000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.65000	3733512.69000	1.3489000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.70000	3733502.86000	1.3515000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.76000	3733493.04000	1.3659000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.81000	3733483.21000	1.3817000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.86000	3733473.38000	1.3920000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.91000	3733463.55000	1.3941000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.96000	3733453.72000	1.3859000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.02000	3733443.89000	1.3928000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.07000	3733434.07000	1.4041000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498593.20000	3733784.57000	1.0687000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498584.71000	3733788.05000	1.0962000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.22000	3733791.52000	1.1213000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498567.73000	3733795.00000	1.1576000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.50000	3733728.97000	1.2096000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.55000	3733719.14000	1.2562000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.61000	3733709.31000	1.3002000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.66000	3733699.49000	1.3373000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.71000	3733689.66000	1.3924000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.76000	3733679.83000	1.4121000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.81000	3733670.00000	1.4078000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.87000	3733660.17000	1.3803000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.92000	3733650.34000	1.3369000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.97000	3733640.52000	1.2813000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.02000	3733630.69000	1.2271000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.08000	3733620.86000	1.1803000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.13000	3733611.03000	1.1544000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.18000	3733601.20000	1.1549000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.23000	3733591.37000	1.1496000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.29000	3733581.54000	1.1607000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.34000	3733571.72000	1.1946000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.39000	3733561.89000	1.2149000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.44000	3733552.06000	1.2234000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.49000	3733542.23000	1.2255000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.55000	3733532.40000	1.2227000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.60000	3733522.57000	1.2193000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.65000	3733512.75000	1.2162000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.70000	3733502.92000	1.2198000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.76000	3733493.09000	1.2192000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.81000	3733483.26000	1.2202000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.86000	3733473.43000	1.2292000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.91000	3733463.60000	1.2341000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.96000	3733453.78000	1.2502000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.02000	3733443.95000	1.2555000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.07000	3733434.12000	1.2494000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.48000	3733791.57000	1.0048000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498583.97000	3733798.34000	1.0566000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.50000	3733729.02000	1.1508000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.55000	3733719.20000	1.1945000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.61000	3733709.37000	1.2127000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.66000	3733699.54000	1.2397000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.71000	3733689.71000	1.2747000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.76000	3733679.88000	1.2870000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.81000	3733670.05000	1.2854000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.87000	3733660.23000	1.2681000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.92000	3733650.40000	1.2307000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.97000	3733640.57000	1.1860000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.02000	3733630.74000	1.1347000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.08000	3733620.91000	1.1032000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.13000	3733611.08000	1.0846000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000

498630.18000	3733601.25000	1.0767000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.23000	3733591.43000	1.0698000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.29000	3733581.60000	1.0865000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.34000	3733571.77000	1.1118000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.39000	3733561.94000	1.1249000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.44000	3733552.11000	1.1323000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.49000	3733542.28000	1.1335000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.55000	3733532.46000	1.1311000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.60000	3733522.63000	1.1265000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.65000	3733512.80000	1.1192000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.70000	3733502.97000	1.1181000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.76000	3733493.14000	1.1172000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.81000	3733483.31000	1.1093000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.86000	3733473.49000	1.1019000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.91000	3733463.66000	1.1227000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.96000	3733453.83000	1.1347000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.02000	3733444.00000	1.1326000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.07000	3733434.17000	1.1221000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498591.51000	3733805.23000	1.0114000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498575.34000	3733811.86000	1.0626000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.50000	3733729.08000	1.0991000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.55000	3733719.25000	1.1300000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.61000	3733709.42000	1.1345000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.66000	3733699.59000	1.1623000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.71000	3733689.76000	1.1769000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.76000	3733679.94000	1.1822000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.81000	3733670.11000	1.1803000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.87000	3733660.28000	1.1669000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.92000	3733650.45000	1.1351000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.97000	3733640.62000	1.0978000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.02000	3733630.79000	1.0705000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.08000	3733620.96000	1.0457000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.13000	3733611.14000	1.0327000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.18000	3733601.31000	1.0122000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.23000	3733591.48000	1.0147000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.28000	3733581.65000	1.0279000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.34000	3733571.82000	1.0431000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.39000	3733561.99000	1.0564000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.44000	3733552.17000	1.0622000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.49000	3733542.34000	1.0635000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.55000	3733532.51000	1.0617000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.60000	3733522.68000	1.0575000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.65000	3733512.85000	1.0499000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.70000	3733503.02000	1.0379000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.76000	3733493.20000	1.0326000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.81000	3733483.37000	1.0314000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.86000	3733473.54000	1.0328000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.91000	3733463.71000	1.0240000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.96000	3733453.88000	1.0290000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.02000	3733444.05000	1.0274000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.07000	3733434.23000	1.0359000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498598.93000	3733812.18000	9.7919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498583.02000	3733818.70000	1.0328000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.50000	3733729.13000	1.0512000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.55000	3733719.30000	1.0673000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.61000	3733709.47000	1.0720000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.66000	3733699.64000	1.0939000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.71000	3733689.82000	1.0954000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.76000	3733679.99000	1.0961000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.81000	3733670.16000	1.0909000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.87000	3733660.33000	1.0778000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.92000	3733650.50000	1.0510000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.97000	3733640.67000	1.0339000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.02000	3733630.85000	1.0149000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.08000	3733621.02000	9.9604000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.13000	3733611.19000	9.7902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.18000	3733601.36000	9.7003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.23000	3733591.53000	9.6146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.28000	3733581.70000	9.7458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.34000	3733571.88000	9.8254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.39000	3733562.05000	9.9221000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.44000	3733552.22000	9.9852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.49000	3733542.39000	1.0009000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.55000	3733532.56000	1.0002000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.60000	3733522.73000	9.9629000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.65000	3733512.91000	9.8820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.70000	3733503.08000	9.7523000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.76000	3733493.25000	9.6734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.81000	3733483.42000	9.6936000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.86000	3733473.59000	9.6908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.91000	3733463.76000	9.5607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.96000	3733453.94000	9.3253000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498651.02000	3733444.11000	9.4278000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.07000	3733434.28000	9.5577000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498594.48000	3733823.99000	9.9245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498585.63000	3733827.61000	1.0267000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.79000	3733831.23000	1.0650000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498567.95000	3733834.86000	1.1226000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.50000	3733729.18000	1.0029000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.55000	3733719.35000	1.0089000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.61000	3733709.53000	1.0149000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.66000	3733699.70000	1.0325000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.71000	3733689.87000	1.0268000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.76000	3733680.04000	1.0232000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.81000	3733670.21000	1.0131000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.87000	3733660.38000	9.9692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.92000	3733650.56000	9.9022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498659.97000	3733640.73000	9.7726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.02000	3733630.90000	9.6343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.08000	3733621.07000	9.4719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.13000	3733611.24000	9.3082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.18000	3733601.41000	9.3057000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.23000	3733591.59000	9.2562000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.28000	3733581.76000	9.2467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.34000	3733571.93000	9.3156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.39000	3733562.10000	9.3248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.44000	3733552.27000	9.3982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.49000	3733542.44000	9.4318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.55000	3733532.62000	9.4300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.60000	3733522.79000	9.3875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.65000	3733512.96000	9.2997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.70000	3733503.13000	9.2276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.76000	3733493.30000	9.1895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.81000	3733483.47000	9.1570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.86000	3733473.65000	9.0653000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.91000	3733463.82000	8.8683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.96000	3733453.99000	8.8178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.02000	3733444.16000	8.7100000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.07000	3733434.33000	8.7920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498592.99000	3733844.57000	1.0316000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498584.50000	3733848.05000	1.0784000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.01000	3733851.52000	1.1488000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498567.53000	3733855.00000	1.2388000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.50000	3733729.29000	9.0933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.55000	3733719.46000	9.1909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.61000	3733709.63000	9.2127000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.66000	3733699.80000	9.2374000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.71000	3733689.98000	9.1133000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.76000	3733680.15000	9.0320000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.81000	3733670.32000	8.9683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.87000	3733660.49000	8.9062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.92000	3733650.66000	8.8903000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.97000	3733640.83000	8.7453000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.02000	3733631.01000	8.6606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.08000	3733621.18000	8.6501000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.13000	3733611.35000	8.5950000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.18000	3733601.52000	8.4979000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.23000	3733591.69000	8.5575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.28000	3733581.86000	8.5437000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.34000	3733572.04000	8.4688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.39000	3733562.21000	8.4135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.44000	3733552.38000	8.3594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.49000	3733542.55000	8.3738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.55000	3733532.72000	8.3667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.60000	3733522.89000	8.3390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.65000	3733513.07000	8.3877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.70000	3733503.24000	8.3714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.75000	3733493.41000	8.2763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.81000	3733483.58000	8.0839000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.86000	3733473.75000	8.0376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.91000	3733463.92000	8.0283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.96000	3733454.09000	7.9453000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.02000	3733444.27000	7.8595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.07000	3733434.44000	7.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498585.98000	3733867.41000	1.2372000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.97000	3733871.10000	1.4221000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.50000	3733729.40000	8.4509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.55000	3733719.57000	8.5421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.60000	3733709.74000	8.5388000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.66000	3733699.91000	8.4089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.71000	3733690.08000	8.1938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.76000	3733680.25000	8.1906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.81000	3733670.43000	8.1825000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.87000	3733660.60000	8.1404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498699.92000	3733650.77000	8.0612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.97000	3733640.94000	8.0177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.02000	3733631.11000	8.0188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.08000	3733621.28000	8.0119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.13000	3733611.46000	8.0431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.18000	3733601.63000	8.0100000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.23000	3733591.80000	7.9342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.28000	3733581.97000	7.8811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.34000	3733572.14000	7.8115000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.39000	3733562.31000	7.7042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.44000	3733552.49000	7.6106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.49000	3733542.66000	7.5146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.55000	3733532.83000	7.5102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.60000	3733523.00000	7.5568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.65000	3733513.17000	7.5577000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.70000	3733503.34000	7.4753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.75000	3733493.51000	7.3442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.81000	3733483.69000	7.3382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.86000	3733473.86000	7.3040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.91000	3733464.03000	7.3516000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.96000	3733454.20000	7.3349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.02000	3733444.37000	7.2372000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.07000	3733434.54000	7.1784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.26000	3733866.38000	9.4264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.55000	3733869.95000	9.9814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.50000	3733729.50000	8.0061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.55000	3733719.67000	7.9956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.60000	3733709.85000	7.9066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.66000	3733700.02000	7.7893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.71000	3733690.19000	7.6874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.76000	3733680.36000	7.5554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.81000	3733670.53000	7.5164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.87000	3733660.70000	7.4919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.92000	3733650.88000	7.5299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.97000	3733641.05000	7.5653000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.02000	3733631.22000	7.5812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.07000	3733621.39000	7.5939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.13000	3733611.56000	7.5420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.18000	3733601.73000	7.4927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.23000	3733591.90000	7.3970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.28000	3733582.08000	7.2785000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.34000	3733572.25000	7.1924000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.39000	3733562.42000	7.0893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.44000	3733552.59000	6.9629000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.49000	3733542.76000	6.9669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.55000	3733532.93000	6.9468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.60000	3733523.11000	6.8834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.65000	3733513.28000	6.7417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.70000	3733503.45000	6.7070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.75000	3733493.62000	6.7347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.81000	3733483.79000	6.8061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.86000	3733473.96000	6.8331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.91000	3733464.14000	6.8041000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.96000	3733454.31000	6.7529000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.02000	3733444.48000	6.7530000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.07000	3733434.65000	6.7037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498660.70000	3733876.75000	9.0054000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.21000	3733880.23000	9.5427000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498643.72000	3733883.70000	1.0237000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498635.23000	3733887.18000	1.1204000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498626.74000	3733890.66000	1.2650000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498618.25000	3733894.14000	1.5085000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.50000	3733729.61000	7.4944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.55000	3733719.78000	7.4813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.60000	3733709.95000	7.4679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.66000	3733700.12000	7.3691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.71000	3733690.30000	7.2439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.76000	3733680.47000	7.0700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.81000	3733670.64000	7.0503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.87000	3733660.81000	7.0984000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.92000	3733650.98000	7.1545000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.97000	3733641.15000	7.2148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.02000	3733631.32000	7.1955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.07000	3733621.50000	7.1824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.13000	3733611.67000	7.1129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.18000	3733601.84000	7.0099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.23000	3733592.01000	6.8768000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.28000	3733582.18000	6.7215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.34000	3733572.35000	6.5515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.39000	3733562.53000	6.5243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.44000	3733552.70000	6.5143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.49000	3733542.87000	6.4448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498740.54000	3733533.04000	6.3385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.60000	3733523.21000	6.2746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.65000	3733513.38000	6.2746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.70000	3733503.56000	6.2838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.75000	3733493.73000	6.3203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.81000	3733483.90000	6.3615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.86000	3733474.07000	6.3640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.91000	3733464.24000	6.3101000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.96000	3733454.41000	6.2961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.02000	3733444.59000	6.3004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.07000	3733434.76000	6.3661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498691.41000	3733884.14000	8.3086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.88000	3733895.01000	1.0089000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.03000	3733898.63000	1.1216000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.19000	3733902.25000	1.3003000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.50000	3733729.72000	6.9492000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.55000	3733719.89000	7.0849000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.60000	3733710.06000	7.1369000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.66000	3733700.23000	7.0893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.71000	3733690.40000	7.0148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.76000	3733680.57000	6.8933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.81000	3733670.74000	6.7546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.87000	3733660.92000	6.8551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.92000	3733651.09000	6.9168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498759.97000	3733641.26000	6.9422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.02000	3733631.43000	6.9124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.07000	3733621.60000	6.8444000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.13000	3733611.77000	6.7716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.18000	3733601.95000	6.6110000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.23000	3733592.12000	6.3907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.28000	3733582.29000	6.1833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.34000	3733572.46000	6.0826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.39000	3733562.63000	6.0606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.44000	3733552.80000	6.0156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.49000	3733542.98000	5.9575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.54000	3733533.15000	5.9086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.60000	3733523.32000	5.8640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.65000	3733513.49000	5.8965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.70000	3733503.66000	5.9783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.75000	3733493.83000	6.0049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.81000	3733484.01000	5.9727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.86000	3733474.18000	5.9294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.91000	3733464.35000	5.9502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.96000	3733454.52000	5.9559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.01000	3733444.69000	5.9244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.07000	3733434.86000	6.0191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498757.74000	3733791.34000	6.4894000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498754.12000	3733799.96000	6.5486000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498750.51000	3733808.57000	6.5417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498717.95000	3733886.11000	7.6937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498705.68000	3733898.27000	8.4751000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498697.04000	3733901.81000	9.0208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498688.39000	3733905.35000	9.7662000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.50000	3733729.82000	6.5922000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.55000	3733719.99000	6.6928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.60000	3733710.16000	6.7322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.66000	3733700.34000	6.7398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.71000	3733690.51000	6.6731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.76000	3733680.68000	6.5382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.81000	3733670.85000	6.4481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.86000	3733661.02000	6.5209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.92000	3733651.19000	6.5461000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.97000	3733641.37000	6.5381000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.02000	3733631.54000	6.5002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.07000	3733621.71000	6.3871000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.13000	3733611.88000	6.2874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.18000	3733602.05000	6.1325000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.23000	3733592.22000	5.9430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.28000	3733582.40000	5.8445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.34000	3733572.57000	5.7066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.39000	3733562.74000	5.6517000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.44000	3733552.91000	5.6388000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.49000	3733543.08000	5.6308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.54000	3733533.25000	5.6036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.60000	3733523.43000	5.5803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.65000	3733513.60000	5.6192000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.70000	3733503.77000	5.6912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.75000	3733493.94000	5.7138000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.81000	3733484.11000	5.6859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.86000	3733474.28000	5.7011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.91000	3733464.45000	5.7236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.96000	3733454.63000	5.6913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498781.01000	3733444.80000	5.7632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.07000	3733434.97000	5.8316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498777.01000	3733793.18000	6.0933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498773.28000	3733802.08000	6.1856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498769.54000	3733810.99000	6.2315000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498765.80000	3733819.89000	6.2112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.06000	3733828.79000	6.1845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498758.32000	3733837.70000	6.2081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498754.58000	3733846.60000	6.2283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498750.84000	3733855.51000	6.4030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498719.47000	3733912.59000	8.8794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.18000	3733952.85000	1.0007000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.24000	3733956.52000	8.7802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498603.30000	3733960.18000	7.9866000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498594.37000	3733963.84000	7.4394000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498585.43000	3733967.50000	6.9905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.50000	3733729.93000	6.2513000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.55000	3733720.10000	6.3696000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.60000	3733710.27000	6.4228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.66000	3733700.44000	6.4111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.71000	3733690.61000	6.3229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.76000	3733680.79000	6.2335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.81000	3733670.96000	6.1281000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.86000	3733661.13000	6.1743000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.92000	3733651.30000	6.1726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.97000	3733641.47000	6.1336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.02000	3733631.64000	6.0707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.07000	3733621.82000	5.9401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.13000	3733611.99000	5.7927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.18000	3733602.16000	5.6951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.23000	3733592.33000	5.5943000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.28000	3733582.50000	5.5128000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.33000	3733572.67000	5.4277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.39000	3733562.85000	5.3770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.44000	3733553.02000	5.3256000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.49000	3733543.19000	5.3342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.54000	3733533.36000	5.3417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.60000	3733523.53000	5.3956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.65000	3733513.70000	5.4156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.70000	3733503.87000	5.4045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.75000	3733494.05000	5.4396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.81000	3733484.22000	5.4919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.86000	3733474.39000	5.5168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.91000	3733464.56000	5.4853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.96000	3733454.73000	5.5048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.01000	3733444.90000	5.5855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.07000	3733435.08000	5.6147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498790.13000	3733809.68000	5.8865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.46000	3733818.41000	5.9347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.80000	3733827.13000	5.9491000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.14000	3733835.86000	5.9659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498775.47000	3733844.59000	6.0424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498771.81000	3733853.32000	6.0968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.14000	3733862.04000	6.2185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498764.48000	3733870.77000	6.4202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498746.15000	3733914.41000	8.1250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.14000	3733962.60000	1.0062000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.38000	3733966.19000	8.7566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.62000	3733969.78000	7.9387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.86000	3733973.36000	7.3467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.11000	3733976.95000	6.8971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.35000	3733980.54000	6.5234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.50000	3733730.03000	6.0083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.55000	3733720.21000	6.0947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.60000	3733710.38000	6.1208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.66000	3733700.55000	6.0737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.71000	3733690.72000	5.9970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.76000	3733680.89000	5.9138000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.81000	3733671.06000	5.8023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.86000	3733661.24000	5.8169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.92000	3733651.41000	5.7857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.97000	3733641.58000	5.7243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.02000	3733631.75000	5.6305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.07000	3733621.92000	5.5393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.13000	3733612.09000	5.4230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.18000	3733602.26000	5.3474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.23000	3733592.44000	5.3002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.28000	3733582.61000	5.2177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.33000	3733572.78000	5.1445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.39000	3733562.95000	5.1052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.44000	3733553.12000	5.0785000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.49000	3733543.29000	5.0172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498820.54000	3733533.47000	5.0840000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.60000	3733523.64000	5.1441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.65000	3733513.81000	5.1825000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.70000	3733503.98000	5.1857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.75000	3733494.15000	5.1883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.81000	3733484.32000	5.2504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.86000	3733474.50000	5.2615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.91000	3733464.67000	5.2085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.96000	3733454.84000	5.2588000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.01000	3733445.01000	5.3126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.07000	3733435.18000	5.3245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498790.47000	3733856.59000	5.9316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.71000	3733865.57000	6.0022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.94000	3733874.54000	6.1773000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.17000	3733883.51000	6.4088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498764.10000	3733919.39000	7.7714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.34000	3733928.36000	8.4075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498747.57000	3733941.02000	1.0576000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.53000	3733970.53000	1.1268000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.53000	3733974.22000	9.3767000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498657.53000	3733977.91000	8.2425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498648.52000	3733981.60000	7.4727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.52000	3733985.28000	6.9812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.51000	3733988.97000	6.5565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.50000	3733730.14000	5.7669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.55000	3733720.31000	5.8201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.60000	3733710.48000	5.8044000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.66000	3733700.66000	5.7365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.71000	3733690.83000	5.6823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.76000	3733681.00000	5.5805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.81000	3733671.17000	5.4688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.86000	3733661.34000	5.4495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.92000	3733651.51000	5.3914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.97000	3733641.68000	5.3347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.02000	3733631.86000	5.2811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.07000	3733622.03000	5.2171000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.13000	3733612.20000	5.1479000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.18000	3733602.37000	5.1004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.23000	3733592.54000	5.0331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.28000	3733582.71000	4.9538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.33000	3733572.89000	4.8790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.39000	3733563.06000	4.8699000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.44000	3733553.23000	4.8222000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.49000	3733543.40000	4.8052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.54000	3733533.57000	4.8423000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.60000	3733523.74000	4.9245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.65000	3733513.92000	4.9717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.70000	3733504.09000	4.9811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.75000	3733494.26000	5.0047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.80000	3733484.43000	4.9993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.86000	3733474.60000	4.9844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.91000	3733464.77000	4.9711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.96000	3733454.95000	5.0195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.01000	3733445.12000	5.0403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.07000	3733435.29000	5.0357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498792.85000	3733898.67000	6.4864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498789.15000	3733907.48000	6.7519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498785.45000	3733916.30000	7.0657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.75000	3733925.11000	7.4850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498778.05000	3733933.92000	8.0638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498774.35000	3733942.73000	8.9131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.81000	3733955.16000	1.2278000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.22000	3733987.76000	8.2421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.38000	3733991.39000	7.4529000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.53000	3733995.01000	6.9218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.69000	3733998.63000	6.4887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.85000	3734002.25000	6.1257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.00000	3734005.88000	5.8246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.16000	3734009.50000	5.5569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.50000	3733730.25000	5.5172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.55000	3733720.42000	5.5285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.60000	3733710.59000	5.4959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.65000	3733700.76000	5.4269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.71000	3733690.93000	5.3536000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.76000	3733681.10000	5.2349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.81000	3733671.28000	5.1241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.86000	3733661.45000	5.0804000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.92000	3733651.62000	5.0638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.97000	3733641.79000	5.0371000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.02000	3733631.96000	5.0091000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.07000	3733622.13000	4.9846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.13000	3733612.31000	4.9195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498860.18000	3733602.48000	4.8471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.23000	3733592.65000	4.7942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.28000	3733582.82000	4.7124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.33000	3733572.99000	4.6443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.39000	3733563.16000	4.6248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.44000	3733553.34000	4.6031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.49000	3733543.51000	4.6331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.54000	3733533.68000	4.6818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.60000	3733523.85000	4.7077000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.65000	3733514.02000	4.7484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.70000	3733504.19000	4.7942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.75000	3733494.37000	4.8076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.80000	3733484.54000	4.7721000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.86000	3733474.71000	4.7115000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.91000	3733464.88000	4.7377000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498860.96000	3733455.05000	4.7823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.01000	3733445.22000	4.7955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.07000	3733435.40000	4.7914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498826.65000	3733907.68000	6.0856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.95000	3733916.50000	6.3537000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.25000	3733925.31000	6.6401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498815.55000	3733934.12000	6.9799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498811.85000	3733942.93000	7.4102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498808.15000	3733951.74000	8.0616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498804.45000	3733960.55000	9.0806000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.75000	3733969.36000	1.0909000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.09000	3734025.26000	5.6089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.25000	3734028.89000	5.3342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.40000	3734032.51000	5.1092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.56000	3734036.13000	4.9153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.72000	3734039.75000	4.7376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.87000	3734043.38000	4.5856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.03000	3734047.00000	4.4792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.00000	3733730.45000	5.0201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.05000	3733720.62000	4.9974000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.10000	3733710.79000	4.9218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.15000	3733700.96000	4.8285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.21000	3733691.13000	4.7288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.26000	3733681.30000	4.6464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.31000	3733671.48000	4.6303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.36000	3733661.65000	4.6468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.42000	3733651.82000	4.6414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.47000	3733641.99000	4.6295000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.52000	3733632.16000	4.6094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.57000	3733622.33000	4.5683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.62000	3733612.51000	4.5104000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.68000	3733602.68000	4.4378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.73000	3733592.85000	4.3771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.78000	3733583.02000	4.3095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.83000	3733573.19000	4.2945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.89000	3733563.36000	4.2748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.94000	3733553.54000	4.3026000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.99000	3733543.71000	4.3358000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.04000	3733533.88000	4.3485000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.09000	3733524.05000	4.3634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.15000	3733514.22000	4.3789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.20000	3733504.39000	4.4005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.25000	3733494.56000	4.3953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.30000	3733484.74000	4.3448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.36000	3733474.91000	4.3316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.41000	3733465.08000	4.3715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.46000	3733455.25000	4.3971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.51000	3733445.42000	4.4043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.57000	3733435.59000	4.3870000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498690.80000	3734059.14000	4.5593000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.96000	3734062.76000	4.3996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.12000	3734066.39000	4.2787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.50000	3733730.65000	4.5145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.55000	3733720.82000	4.4637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.60000	3733710.99000	4.4212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.65000	3733701.16000	4.3896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.71000	3733691.33000	4.3427000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.76000	3733681.50000	4.2770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.81000	3733671.68000	4.2926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.86000	3733661.85000	4.2954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.92000	3733652.02000	4.2853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.97000	3733642.19000	4.2607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.02000	3733632.36000	4.2281000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.07000	3733622.53000	4.1910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.12000	3733612.70000	4.1689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.18000	3733602.88000	4.1120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.23000	3733593.05000	4.0362000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498935.28000	3733583.22000	4.0116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.33000	3733573.39000	4.0232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.39000	3733563.56000	4.0126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.44000	3733553.73000	4.0099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.49000	3733543.91000	4.0256000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.54000	3733534.08000	4.0359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.59000	3733524.25000	4.0549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.65000	3733514.42000	4.0599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.70000	3733504.59000	4.0370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.75000	3733494.76000	3.9940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.80000	3733484.94000	3.9917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.86000	3733475.11000	4.0441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.91000	3733465.28000	4.0714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498935.96000	3733455.45000	4.0736000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.01000	3733445.62000	4.0632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.06000	3733435.79000	4.0295000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498619.93000	3734125.62000	3.5364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.08000	3734129.24000	3.5087000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.24000	3734132.87000	3.4739000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498593.40000	3734136.49000	3.4414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498584.56000	3734140.11000	3.4134000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.00000	3733730.84000	4.1568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.05000	3733721.02000	4.1212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.10000	3733711.19000	4.0977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.15000	3733701.36000	4.0630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.21000	3733691.53000	4.0095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.26000	3733681.70000	3.9686000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.31000	3733671.87000	3.9788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.36000	3733662.05000	3.9782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.41000	3733652.22000	3.9590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.47000	3733642.39000	3.9366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.52000	3733632.56000	3.9268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.57000	3733622.73000	3.9019000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.62000	3733612.90000	3.8616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.68000	3733603.08000	3.8112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.73000	3733593.25000	3.7686000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.78000	3733583.42000	3.7602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.83000	3733573.59000	3.7482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.88000	3733563.76000	3.7262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.94000	3733553.93000	3.7382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.99000	3733544.11000	3.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.04000	3733534.28000	3.7724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.09000	3733524.45000	3.7770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.15000	3733514.62000	3.7608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.20000	3733504.79000	3.7350000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.25000	3733494.96000	3.7038000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.30000	3733485.14000	3.7197000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.36000	3733475.31000	3.7604000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.41000	3733465.48000	3.7876000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.46000	3733455.65000	3.7891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.51000	3733445.82000	3.7570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.56000	3733435.99000	3.7471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498928.05000	3733934.72000	5.1967000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498924.35000	3733943.53000	5.4042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498920.65000	3733952.34000	5.6432000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498909.55000	3733978.77000	6.6013000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498905.85000	3733987.58000	7.0265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498902.15000	3733996.39000	7.6212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.50000	3733731.04000	3.8698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.55000	3733721.22000	3.8259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.60000	3733711.39000	3.8031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.65000	3733701.56000	3.7588000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.70000	3733691.73000	3.7077000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.76000	3733681.90000	3.6946000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.81000	3733672.07000	3.6954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.86000	3733662.25000	3.6967000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.91000	3733652.42000	3.7039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.97000	3733642.59000	3.6895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.02000	3733632.76000	3.6567000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.07000	3733622.93000	3.6147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.12000	3733613.10000	3.5818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.18000	3733603.28000	3.5654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.23000	3733593.45000	3.5337000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.28000	3733583.62000	3.5015000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.33000	3733573.79000	3.4634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.38000	3733563.96000	3.4828000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.44000	3733554.13000	3.5117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.49000	3733544.30000	3.5344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.54000	3733534.48000	3.5314000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.59000	3733524.65000	3.5214000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499010.65000	3733514.82000	3.5014000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.70000	3733504.99000	3.4752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.75000	3733495.16000	3.4766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.80000	3733485.33000	3.4994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.85000	3733475.51000	3.5121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.91000	3733465.68000	3.5109000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.96000	3733455.85000	3.5172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.01000	3733446.02000	3.5050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.06000	3733436.19000	3.4884000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498940.62000	3733994.27000	6.4868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.00000	3733731.24000	3.6070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.05000	3733721.42000	3.5846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.10000	3733711.59000	3.5594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.15000	3733701.76000	3.5224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.20000	3733691.93000	3.4693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.26000	3733682.10000	3.4701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.31000	3733672.27000	3.4796000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.36000	3733662.44000	3.4819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.41000	3733652.62000	3.4735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.47000	3733642.79000	3.4395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.52000	3733632.96000	3.4007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.57000	3733623.13000	3.3826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.62000	3733613.30000	3.3517000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.67000	3733603.47000	3.3135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.73000	3733593.65000	3.2931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.78000	3733583.82000	3.2686000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.83000	3733573.99000	3.2728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.88000	3733564.16000	3.2996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.94000	3733554.33000	3.3251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499047.99000	3733544.50000	3.3299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.04000	3733534.68000	3.3237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.09000	3733524.85000	3.2954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.15000	3733515.02000	3.2799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.20000	3733505.19000	3.2807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.25000	3733495.36000	3.3048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.30000	3733485.53000	3.3202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.35000	3733475.71000	3.3257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.41000	3733465.88000	3.3183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.46000	3733456.05000	3.2857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.51000	3733446.22000	3.2761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.56000	3733436.39000	3.2688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499008.64000	3733921.79000	4.0592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499004.85000	3733930.82000	4.1927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499001.06000	3733939.84000	4.3794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498997.27000	3733948.87000	4.5973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498993.48000	3733957.89000	4.8145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498989.69000	3733966.92000	5.0348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498985.90000	3733975.95000	5.2634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498982.11000	3733984.97000	5.5292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498978.32000	3733994.00000	5.8088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.53000	3734003.02000	6.1338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498970.74000	3734012.05000	6.5460000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498966.95000	3734021.08000	7.1418000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498963.16000	3734030.10000	8.0490000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498959.37000	3734039.13000	9.6106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498901.87000	3734122.47000	4.9302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498892.81000	3734126.18000	4.6133000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498883.76000	3734129.89000	4.3683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498874.70000	3734133.60000	4.1576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.49000	3733731.44000	3.3941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.55000	3733721.61000	3.3830000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.60000	3733711.79000	3.3520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.65000	3733701.96000	3.3095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.70000	3733692.13000	3.2689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.76000	3733682.30000	3.2813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.81000	3733672.47000	3.2761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.86000	3733662.64000	3.2549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.91000	3733652.82000	3.2366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499084.97000	3733642.99000	3.2163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.02000	3733633.16000	3.1954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.07000	3733623.33000	3.1697000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.12000	3733613.50000	3.1338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.17000	3733603.67000	3.0964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.23000	3733593.85000	3.0861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.28000	3733584.02000	3.0938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.33000	3733574.19000	3.1155000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.38000	3733564.36000	3.1279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.44000	3733554.53000	3.1380000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.49000	3733544.70000	3.1352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.54000	3733534.88000	3.1245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.59000	3733525.05000	3.1088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.64000	3733515.22000	3.0855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499085.70000	3733505.39000	3.1193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.75000	3733495.56000	3.1493000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.80000	3733485.73000	3.1573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.85000	3733475.90000	3.1503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.91000	3733466.08000	3.1336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.96000	3733456.25000	3.1010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.01000	3733446.42000	3.0741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.06000	3733436.59000	3.0451000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499050.05000	3733912.69000	3.6781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499046.26000	3733921.70000	3.7707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499042.48000	3733930.71000	3.8875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499038.70000	3733939.72000	4.0005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499034.91000	3733948.73000	4.1524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499031.13000	3733957.74000	4.3325000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499027.34000	3733966.75000	4.5538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498993.29000	3734047.85000	8.5856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498989.50000	3734056.87000	1.0803000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.36000	3734145.38000	4.5598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498928.32000	3734149.08000	4.2922000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498919.27000	3734152.79000	4.0727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498910.23000	3734156.49000	3.8928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499121.99000	3733731.64000	3.2007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.05000	3733721.81000	3.1802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.10000	3733711.99000	3.1499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.15000	3733702.16000	3.1103000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.20000	3733692.33000	3.0855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.26000	3733682.50000	3.0779000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.31000	3733672.67000	3.0599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.36000	3733662.84000	3.0388000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.41000	3733653.02000	3.0405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.46000	3733643.19000	3.0307000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.52000	3733633.36000	3.0084000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.57000	3733623.53000	2.9727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.62000	3733613.70000	2.9390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.67000	3733603.87000	2.9119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.73000	3733594.04000	2.9189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.78000	3733584.22000	2.9478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.83000	3733574.39000	2.9584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.88000	3733564.56000	2.9592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.93000	3733554.73000	2.9537000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.99000	3733544.90000	2.9508000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.04000	3733535.07000	2.9445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.09000	3733525.25000	2.9207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.14000	3733515.42000	2.9460000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.20000	3733505.59000	2.9634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.25000	3733495.76000	2.9836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.30000	3733485.93000	2.9918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.35000	3733476.10000	2.9799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.41000	3733466.28000	2.9498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.46000	3733456.45000	2.9260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.51000	3733446.62000	2.9046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.56000	3733436.79000	2.8696000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499106.54000	3733867.65000	3.2132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499102.76000	3733876.65000	3.2760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499098.98000	3733885.65000	3.3239000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499095.21000	3733894.64000	3.3480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499091.43000	3733903.64000	3.3888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499087.65000	3733912.64000	3.4700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499083.87000	3733921.64000	3.5518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499080.09000	3733930.64000	3.6435000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499076.31000	3733939.64000	3.7322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499072.53000	3733948.64000	3.8434000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499068.76000	3733957.63000	3.9684000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499064.98000	3733966.63000	4.1348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499030.97000	3734047.62000	7.0061000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499027.19000	3734056.62000	7.9082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499023.41000	3734065.62000	9.5230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498996.96000	3734128.61000	6.9196000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498993.19000	3734137.60000	5.9246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498989.41000	3734146.60000	5.3242000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498985.63000	3734155.60000	4.8293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.49000	3733731.84000	3.0200000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.55000	3733722.01000	2.9956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.60000	3733712.19000	2.9616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.65000	3733702.36000	2.9118000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.70000	3733692.53000	2.8935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.76000	3733682.70000	2.8840000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.81000	3733672.87000	2.8842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.86000	3733663.04000	2.8728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.91000	3733653.21000	2.8703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.96000	3733643.39000	2.8526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.02000	3733633.56000	2.8288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499160.07000	3733623.73000	2.7993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.12000	3733613.90000	2.7676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.17000	3733604.07000	2.7690000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.23000	3733594.24000	2.7809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.28000	3733584.42000	2.8025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.33000	3733574.59000	2.8085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.38000	3733564.76000	2.7995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.43000	3733554.93000	2.7909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.49000	3733545.10000	2.7813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.54000	3733535.27000	2.7735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.59000	3733525.45000	2.7904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.64000	3733515.62000	2.8123000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.70000	3733505.79000	2.8242000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.75000	3733495.96000	2.8250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.80000	3733486.13000	2.8276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.85000	3733476.30000	2.8187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.90000	3733466.48000	2.7917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.96000	3733456.65000	2.7630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.01000	3733446.82000	2.7407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.06000	3733436.99000	2.7164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499164.22000	3733866.68000	2.9356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.48000	3733875.59000	2.9769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499156.74000	3733884.50000	3.0182000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499153.00000	3733893.41000	3.0505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499149.25000	3733902.32000	3.0805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499145.51000	3733911.22000	3.1294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499141.77000	3733920.13000	3.1970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499138.03000	3733929.04000	3.2986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499134.29000	3733937.95000	3.3900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499130.55000	3733946.86000	3.4939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499126.81000	3733955.76000	3.5927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.07000	3733964.67000	3.6902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499078.19000	3734071.57000	7.5396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499074.45000	3734080.47000	8.9028000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499052.00000	3734133.92000	9.8027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.26000	3734142.83000	7.3103000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499044.52000	3734151.74000	6.0607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499040.78000	3734160.64000	5.3335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499037.04000	3734169.55000	4.8517000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499013.14000	3734208.85000	3.4822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499004.20000	3734212.51000	3.3499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.64000	3733732.15000	2.7602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.69000	3733722.32000	2.7283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.74000	3733712.49000	2.6862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.79000	3733702.66000	2.6578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.84000	3733692.83000	2.6632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.90000	3733683.00000	2.6598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.95000	3733673.18000	2.6564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.00000	3733663.35000	2.6383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.05000	3733653.52000	2.6277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.11000	3733643.69000	2.6114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.16000	3733633.86000	2.5883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.21000	3733624.03000	2.5722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.26000	3733614.20000	2.5669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.32000	3733604.38000	2.5770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.37000	3733594.55000	2.5812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.42000	3733584.72000	2.5878000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.47000	3733574.89000	2.5865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.52000	3733565.06000	2.5861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.58000	3733555.23000	2.5754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.63000	3733545.41000	2.5575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.68000	3733535.58000	2.5726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.73000	3733525.75000	2.6040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.79000	3733515.92000	2.6204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.84000	3733506.09000	2.6220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.89000	3733496.26000	2.6178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.94000	3733486.44000	2.6019000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.99000	3733476.61000	2.5859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.05000	3733466.78000	2.5688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.10000	3733456.95000	2.5516000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.15000	3733447.12000	2.5261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.20000	3733437.29000	2.4940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499220.87000	3733868.15000	2.7264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499217.10000	3733877.14000	2.7611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499213.32000	3733886.13000	2.7883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499209.54000	3733895.12000	2.8262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499205.77000	3733904.11000	2.8640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499201.99000	3733913.10000	2.8966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499198.22000	3733922.10000	2.9318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499194.44000	3733931.09000	2.9845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499190.67000	3733940.08000	3.0644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499186.89000	3733949.07000	3.1694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499183.12000	3733958.06000	3.2806000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499179.34000	3733967.05000	3.4007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499137.81000	3734065.95000	5.8802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499134.04000	3734074.94000	6.4551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499130.26000	3734083.93000	7.2656000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499073.63000	3734218.79000	3.5827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499069.86000	3734227.78000	3.3870000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.78000	3733732.45000	2.5296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.83000	3733722.62000	2.5011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.88000	3733712.79000	2.4687000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.93000	3733702.96000	2.4634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.99000	3733693.14000	2.4663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.04000	3733683.31000	2.4575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.09000	3733673.48000	2.4502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.14000	3733663.65000	2.4337000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.20000	3733653.82000	2.4167000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.25000	3733643.99000	2.4075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.30000	3733634.17000	2.3962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.35000	3733624.34000	2.3855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.40000	3733614.51000	2.3928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.46000	3733604.68000	2.3965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.51000	3733594.85000	2.3938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.56000	3733585.02000	2.3957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.61000	3733575.20000	2.3997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.67000	3733565.37000	2.3937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.72000	3733555.54000	2.3757000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.77000	3733545.71000	2.3993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.82000	3733535.88000	2.4163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.88000	3733526.05000	2.4266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.93000	3733516.22000	2.4400000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.98000	3733506.40000	2.4410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.03000	3733496.57000	2.4275000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.08000	3733486.74000	2.4092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.14000	3733476.91000	2.3812000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.19000	3733467.08000	2.3683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.24000	3733457.25000	2.3553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.29000	3733447.43000	2.3389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.35000	3733437.60000	2.3132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499263.49000	3733903.04000	2.6639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499259.75000	3733911.95000	2.6955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499256.00000	3733920.87000	2.7232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499252.26000	3733929.78000	2.7635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499248.52000	3733938.69000	2.8217000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499244.78000	3733947.61000	2.8849000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499241.03000	3733956.52000	2.9515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499237.29000	3733965.44000	3.0405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499192.37000	3734072.41000	5.5104000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499188.63000	3734081.32000	6.0104000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.99000	3734232.86000	3.4522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499121.25000	3734241.78000	3.2821000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499330.92000	3733732.75000	2.3583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499330.97000	3733722.92000	2.3274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.02000	3733713.10000	2.3052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.08000	3733703.27000	2.3021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.13000	3733693.44000	2.3020000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.18000	3733683.61000	2.2917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.23000	3733673.78000	2.2790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.29000	3733663.95000	2.2692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.34000	3733654.13000	2.2634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.39000	3733644.30000	2.2495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.44000	3733634.47000	2.2260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.49000	3733624.64000	2.2357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.55000	3733614.81000	2.2403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.60000	3733604.98000	2.2435000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.65000	3733595.16000	2.2465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.70000	3733585.33000	2.2439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.76000	3733575.50000	2.2359000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.81000	3733565.67000	2.2349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.86000	3733555.84000	2.2568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.91000	3733546.01000	2.2712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.97000	3733536.19000	2.2840000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.02000	3733526.36000	2.2887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.07000	3733516.53000	2.2874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.12000	3733506.70000	2.2838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.17000	3733496.87000	2.2716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.23000	3733487.04000	2.2496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.28000	3733477.22000	2.2289000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.33000	3733467.39000	2.2142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.38000	3733457.56000	2.1944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.44000	3733447.73000	2.1746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.49000	3733437.90000	2.1511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499320.10000	3733904.62000	2.4868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499316.32000	3733913.61000	2.5179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499312.55000	3733922.59000	2.5573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499308.78000	3733931.58000	2.5910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499305.00000	3733940.56000	2.6321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499301.23000	3733949.55000	2.6926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499297.46000	3733958.53000	2.7636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499293.68000	3733967.52000	2.8389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499203.13000	3734183.17000	6.9834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499199.36000	3734192.15000	5.8789000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499176.72000	3734246.06000	3.3069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499172.95000	3734255.05000	3.1471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499441.35000	3733752.24000	2.0984000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499437.55000	3733761.29000	2.1245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499433.75000	3733770.33000	2.1483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499429.95000	3733779.38000	2.1618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499426.15000	3733788.43000	2.1695000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499422.36000	3733797.48000	2.1725000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499418.56000	3733806.53000	2.1784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499414.76000	3733815.57000	2.1889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499410.96000	3733824.62000	2.1936000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499407.16000	3733833.67000	2.1945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499403.36000	3733842.72000	2.2009000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499399.56000	3733851.77000	2.2075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.15000	3733743.19000	2.0699000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.20000	3733733.36000	2.0481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.26000	3733723.53000	2.0280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.31000	3733713.70000	2.0220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.36000	3733703.88000	2.0211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.41000	3733694.05000	2.0177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.47000	3733684.22000	2.0111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.52000	3733674.39000	2.0015000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.57000	3733664.56000	1.9828000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.62000	3733654.73000	1.9649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.67000	3733644.91000	1.9607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.73000	3733635.08000	1.9649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.78000	3733625.25000	1.9694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.83000	3733615.42000	1.9704000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.88000	3733605.59000	1.9712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.94000	3733595.76000	1.9638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.99000	3733585.94000	1.9721000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499446.04000	3733576.11000	1.9887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499446.09000	3733566.28000	2.0007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499446.14000	3733556.45000	2.0145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499446.20000	3733546.62000	2.0203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499446.25000	3733536.79000	2.0198000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499446.30000	3733526.96000	2.0132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499498.52000	3733752.47000	2.0022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499494.75000	3733761.46000	2.0283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499490.98000	3733770.44000	2.0518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499487.21000	3733779.42000	2.0713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499483.44000	3733788.40000	2.0875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499479.67000	3733797.38000	2.0950000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499475.90000	3733806.36000	2.0937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499472.12000	3733815.34000	2.0903000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499468.35000	3733824.32000	2.0944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499464.58000	3733833.30000	2.0977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499460.81000	3733842.29000	2.0913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499457.04000	3733851.27000	2.0877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499453.27000	3733860.25000	2.0934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499449.50000	3733869.23000	2.0983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.72000	3733878.21000	2.0977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499441.95000	3733887.19000	2.0904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499438.18000	3733896.17000	2.0940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499434.41000	3733905.15000	2.1327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499430.64000	3733914.13000	2.1709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499426.87000	3733923.12000	2.2097000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499423.10000	3733932.10000	2.2478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499419.33000	3733941.08000	2.2836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499415.55000	3733950.06000	2.3386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499411.78000	3733959.04000	2.4045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499408.01000	3733968.02000	2.4783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499404.24000	3733977.00000	2.5552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499400.47000	3733985.98000	2.6374000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499366.53000	3734066.81000	4.2696000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499362.76000	3734075.80000	4.6525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499358.99000	3734084.78000	5.1431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499355.21000	3734093.76000	5.7906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499351.44000	3734102.74000	6.6543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499347.67000	3734111.72000	7.9010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499343.90000	3734120.70000	9.9254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499260.93000	3734318.29000	2.3971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499257.16000	3734327.27000	2.3272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499253.39000	3734336.25000	2.2736000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499249.62000	3734345.23000	2.2279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499245.85000	3734354.21000	2.1782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499242.08000	3734363.19000	2.1271000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499238.31000	3734372.17000	2.0748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499234.53000	3734381.15000	2.0243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499230.76000	3734390.14000	1.9759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499226.99000	3734399.12000	1.9414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499214.21000	3734411.79000	1.9269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.29000	3733743.49000	1.9713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.35000	3733733.66000	1.9409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.40000	3733723.84000	1.9367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.45000	3733714.01000	1.9355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.50000	3733704.18000	1.9323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.56000	3733694.35000	1.9255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.61000	3733684.52000	1.9055000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.66000	3733674.69000	1.8832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.71000	3733664.87000	1.8569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.76000	3733655.04000	1.8505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.82000	3733645.21000	1.8580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.87000	3733635.38000	1.8617000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.92000	3733625.55000	1.8609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.97000	3733615.72000	1.8582000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.03000	3733605.90000	1.8550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.08000	3733596.07000	1.8620000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.13000	3733586.24000	1.8817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.18000	3733576.41000	1.8951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.23000	3733566.58000	1.9003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.29000	3733556.75000	1.9069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.34000	3733546.93000	1.9114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.39000	3733537.10000	1.9085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499503.44000	3733527.27000	1.8995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499555.64000	3733752.83000	1.8834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499551.85000	3733761.87000	1.9146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499548.05000	3733770.91000	1.9402000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499544.26000	3733779.94000	1.9580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499540.46000	3733788.98000	1.9733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499536.67000	3733798.02000	1.9883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499532.87000	3733807.06000	1.9996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499529.08000	3733816.09000	2.0028000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499525.28000	3733825.13000	2.0036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499521.49000	3733834.17000	2.0114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499517.69000	3733843.20000	2.0153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499513.90000	3733852.24000	2.0154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499510.10000	3733861.28000	2.0105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499506.31000	3733870.31000	2.0106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499502.52000	3733879.35000	2.0179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499498.72000	3733888.39000	2.0229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499494.93000	3733897.43000	2.0222000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499491.13000	3733906.46000	2.0307000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499487.34000	3733915.50000	2.0601000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499483.54000	3733924.54000	2.0965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499479.75000	3733933.57000	2.1373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499475.95000	3733942.61000	2.1735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499472.16000	3733951.65000	2.2114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499468.36000	3733960.68000	2.2597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499464.57000	3733969.72000	2.3086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499460.77000	3733978.76000	2.3747000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499456.98000	3733987.80000	2.4603000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499453.18000	3733996.83000	2.5521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499449.39000	3734005.87000	2.6582000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499445.59000	3734014.91000	2.7823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499441.80000	3734023.94000	2.9251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499438.01000	3734032.98000	3.0932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499434.21000	3734042.02000	3.2818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499430.42000	3734051.05000	3.4997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499426.62000	3734060.09000	3.7731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499422.83000	3734069.13000	4.1113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499419.03000	3734078.16000	4.5383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499415.24000	3734087.20000	5.0826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499411.44000	3734096.24000	5.8087000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499407.65000	3734105.28000	6.8337000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499403.85000	3734114.31000	8.4165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499320.37000	3734313.13000	2.4179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499316.58000	3734322.16000	2.3477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499312.78000	3734331.20000	2.2820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499308.99000	3734340.24000	2.2246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499305.19000	3734349.27000	2.1696000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499301.40000	3734358.31000	2.1212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499297.60000	3734367.35000	2.0762000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499293.81000	3734376.38000	2.0442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499290.01000	3734385.42000	2.0098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499286.22000	3734394.46000	1.9713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499282.42000	3734403.50000	1.9324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499278.63000	3734412.53000	1.8953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.83000	3734421.57000	1.8554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499271.04000	3734430.61000	1.8224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499267.24000	3734439.64000	1.7965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499254.38000	3734452.40000	1.8019000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499245.31000	3734456.11000	1.8048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499236.24000	3734459.83000	1.8020000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499227.17000	3734463.54000	1.7993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.10000	3734467.26000	1.7920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.44000	3733743.80000	1.8584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.49000	3733733.97000	1.8440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.54000	3733724.14000	1.8448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.59000	3733714.31000	1.8402000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.64000	3733704.48000	1.8319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.70000	3733694.66000	1.8195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.75000	3733684.83000	1.8014000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.80000	3733675.00000	1.7863000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.85000	3733665.17000	1.7817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.91000	3733655.34000	1.7787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499559.96000	3733645.51000	1.7856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.01000	3733635.68000	1.7877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.06000	3733625.86000	1.7830000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.12000	3733616.03000	1.7803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.17000	3733606.20000	1.7864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.22000	3733596.37000	1.8032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.27000	3733586.54000	1.8186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.32000	3733576.71000	1.8309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.38000	3733566.89000	1.8356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.43000	3733557.06000	1.8341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.48000	3733547.23000	1.8356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499560.53000	3733537.40000	1.8321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.18000	3733424.78000	1.5911000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.30000	3733415.27000	1.5911000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.41000	3733405.76000	1.5886000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.53000	3733396.25000	1.5593000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.65000	3733386.74000	1.6080000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.76000	3733377.23000	1.6669000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.88000	3733367.72000	1.7120000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.99000	3733358.21000	1.7259000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.11000	3733348.70000	1.6848000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.22000	3733339.19000	1.6069000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.34000	3733329.68000	1.5041000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.46000	3733320.18000	1.4338000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.57000	3733310.67000	1.3995000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.69000	3733301.16000	1.3622000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.18000	3733424.90000	1.4066000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.30000	3733415.39000	1.3869000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.41000	3733405.88000	1.3483000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.53000	3733396.37000	1.3691000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.64000	3733386.86000	1.3897000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.76000	3733377.35000	1.4491000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.88000	3733367.84000	1.4684000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.99000	3733358.33000	1.4729000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.11000	3733348.82000	1.4385000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.22000	3733339.32000	1.3937000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.34000	3733329.81000	1.3245000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.45000	3733320.30000	1.2633000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.57000	3733310.79000	1.2214000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.69000	3733301.28000	1.1976000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.18000	3733425.02000	1.2493000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.30000	3733415.51000	1.2502000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.41000	3733406.00000	1.2449000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.53000	3733396.49000	1.2574000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.64000	3733386.98000	1.2608000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.76000	3733377.47000	1.2830000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.88000	3733367.97000	1.2886000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.99000	3733358.46000	1.2910000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.11000	3733348.95000	1.2708000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.22000	3733339.44000	1.2363000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.34000	3733329.93000	1.1874000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.45000	3733320.42000	1.1470000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.57000	3733310.91000	1.1152000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.69000	3733301.40000	1.0823000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.18000	3733425.14000	1.1401000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.30000	3733415.63000	1.1457000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.41000	3733406.12000	1.1563000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.53000	3733396.61000	1.1620000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.64000	3733387.11000	1.1721000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.76000	3733377.60000	1.1893000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.87000	3733368.09000	1.1766000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000

498631.99000	3733358.58000	1.1557000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.11000	3733349.07000	1.1426000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.22000	3733339.56000	1.1230000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.34000	3733330.05000	1.0858000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.45000	3733320.54000	1.0469000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.57000	3733311.03000	1.0222000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.68000	3733301.52000	1.0049000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.18000	3733425.26000	1.0443000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.30000	3733415.75000	1.0522000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.41000	3733406.25000	1.0743000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.53000	3733396.74000	1.0801000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.64000	3733387.23000	1.1009000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.76000	3733377.72000	1.1114000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.87000	3733368.21000	1.1029000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.99000	3733358.70000	1.0889000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.11000	3733349.19000	1.0635000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.22000	3733339.68000	1.0364000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.34000	3733330.17000	1.0093000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.45000	3733320.66000	9.7646000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.57000	3733311.15000	9.3834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.68000	3733301.64000	9.2354000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.29000	3733415.88000	9.7160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.41000	3733406.37000	9.9247000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.53000	3733396.86000	1.0061000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.64000	3733387.35000	1.0304000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.76000	3733377.84000	1.0385000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.87000	3733368.33000	1.0386000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498651.99000	3733358.82000	1.0311000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.10000	3733349.31000	1.0112000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.22000	3733339.80000	9.8678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.34000	3733330.29000	9.5227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.45000	3733320.78000	9.2208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.57000	3733311.27000	8.8637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.68000	3733301.77000	8.4227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.29000	3733416.00000	9.0029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.41000	3733406.49000	9.1249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.53000	3733396.98000	9.3175000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.64000	3733387.47000	9.5978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.76000	3733377.96000	9.6975000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.87000	3733368.45000	9.7741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.99000	3733358.94000	9.7510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.10000	3733349.43000	9.6166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.22000	3733339.92000	9.4173000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.34000	3733330.41000	9.1150000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.45000	3733320.91000	8.7985000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.57000	3733311.40000	8.4092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.68000	3733301.89000	8.0130000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.29000	3733416.24000	7.8310000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.41000	3733406.73000	7.9246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.52000	3733397.22000	8.0072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.64000	3733387.71000	8.3096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.76000	3733378.20000	8.4442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.87000	3733368.70000	8.5945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.99000	3733359.19000	8.6467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.10000	3733349.68000	8.6208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.22000	3733340.17000	8.5176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.33000	3733330.66000	8.2822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.45000	3733321.15000	8.0628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.57000	3733311.64000	7.7500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.68000	3733302.13000	7.4652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.29000	3733416.48000	7.2180000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.41000	3733406.98000	7.3261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.52000	3733397.47000	7.3905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.64000	3733387.96000	7.3688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.75000	3733378.45000	7.3735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.87000	3733368.94000	7.4914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.99000	3733359.43000	7.5726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.10000	3733349.92000	7.6018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.22000	3733340.41000	7.5538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.33000	3733330.90000	7.4419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.45000	3733321.39000	7.2628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.56000	3733311.88000	7.1510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.68000	3733302.37000	6.9881000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.29000	3733416.73000	6.8532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.41000	3733407.22000	6.8753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.52000	3733397.71000	6.8873000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.64000	3733388.20000	6.8330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.75000	3733378.69000	6.7280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.87000	3733369.18000	6.7143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.98000	3733359.67000	6.6874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.10000	3733350.16000	6.6881000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.22000	3733340.65000	6.6454000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498722.33000	3733331.14000	6.6349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.45000	3733321.64000	6.5525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.56000	3733312.13000	6.4927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.68000	3733302.62000	6.4085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.29000	3733416.97000	6.5229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.40000	3733407.46000	6.5532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.52000	3733397.95000	6.5149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.64000	3733388.44000	6.4180000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.75000	3733378.93000	6.2597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.87000	3733369.43000	6.1176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.98000	3733359.92000	6.0780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.10000	3733350.41000	6.0583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.21000	3733340.90000	6.0199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.33000	3733331.39000	6.0177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.45000	3733321.88000	5.9692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.56000	3733312.37000	5.9161000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.68000	3733302.86000	5.8405000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.29000	3733417.21000	6.1795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.40000	3733407.71000	6.2498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.52000	3733398.20000	6.2741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.63000	3733388.69000	6.1474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.75000	3733379.18000	5.9720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.87000	3733369.67000	5.7356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.98000	3733360.16000	5.6456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.10000	3733350.65000	5.6401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.21000	3733341.14000	5.6001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.33000	3733331.63000	5.5628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.44000	3733322.12000	5.5276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.56000	3733312.61000	5.4517000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.68000	3733303.10000	5.4318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.29000	3733417.46000	5.8681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.40000	3733407.95000	5.9031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.52000	3733398.44000	5.8578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.63000	3733388.93000	5.7317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.75000	3733379.42000	5.5731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.86000	3733369.91000	5.3928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498781.98000	3733360.40000	5.2904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.10000	3733350.89000	5.2760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.21000	3733341.38000	5.2578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.33000	3733331.87000	5.2179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.44000	3733322.37000	5.1657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.56000	3733312.86000	5.0953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.67000	3733303.35000	5.0578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.28000	3733417.70000	5.5598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.40000	3733408.19000	5.5344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.52000	3733398.68000	5.4518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.63000	3733389.17000	5.3714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.75000	3733379.66000	5.2436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.86000	3733370.16000	5.0742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.98000	3733360.65000	4.9948000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.09000	3733351.14000	4.9794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.21000	3733341.63000	4.9584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.33000	3733332.12000	4.9165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.44000	3733322.61000	4.8847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.56000	3733313.10000	4.8112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.67000	3733303.59000	4.7603000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.28000	3733417.95000	5.2370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.40000	3733408.44000	5.2203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.51000	3733398.93000	5.1549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.63000	3733389.42000	5.0547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.75000	3733379.91000	4.9250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.86000	3733370.40000	4.7799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.98000	3733360.89000	4.7409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.09000	3733351.38000	4.7193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.21000	3733341.87000	4.6896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.32000	3733332.36000	4.6688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.44000	3733322.85000	4.6318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.56000	3733313.34000	4.5623000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.67000	3733303.83000	4.4934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.28000	3733418.19000	4.9860000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.40000	3733408.68000	4.9498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.51000	3733399.17000	4.8774000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.63000	3733389.66000	4.7799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.74000	3733380.15000	4.6570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.86000	3733370.64000	4.5001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498841.97000	3733361.13000	4.4932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.09000	3733351.62000	4.4859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.21000	3733342.11000	4.4563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.32000	3733332.60000	4.4298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.44000	3733323.10000	4.4070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.55000	3733313.59000	4.3611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.67000	3733304.08000	4.2837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498861.28000	3733418.43000	4.7499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.39000	3733408.92000	4.7086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.51000	3733399.41000	4.6250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.63000	3733389.90000	4.5220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.74000	3733380.39000	4.4116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.86000	3733370.89000	4.3011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.97000	3733361.38000	4.2708000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.09000	3733351.87000	4.2546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.20000	3733342.36000	4.2417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.32000	3733332.85000	4.2185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.44000	3733323.34000	4.1916000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.55000	3733313.83000	4.1658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.67000	3733304.32000	4.1129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.78000	3733418.89000	4.3424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.89000	3733409.38000	4.3015000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.01000	3733399.87000	4.2303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.12000	3733390.36000	4.1266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.24000	3733380.85000	4.0120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.36000	3733371.34000	3.9461000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.47000	3733361.83000	3.9191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.59000	3733352.32000	3.9191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.70000	3733342.81000	3.8959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.82000	3733333.30000	3.8622000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.93000	3733323.80000	3.8312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498900.05000	3733314.29000	3.8223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498900.17000	3733304.78000	3.7977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.27000	3733419.34000	3.9909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.39000	3733409.84000	3.9384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.51000	3733400.33000	3.8771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.62000	3733390.82000	3.7983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.74000	3733381.31000	3.6942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.85000	3733371.80000	3.6664000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.97000	3733362.29000	3.6343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.08000	3733352.78000	3.6201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.20000	3733343.27000	3.5954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.32000	3733333.76000	3.5738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.43000	3733324.25000	3.5589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.55000	3733314.74000	3.5298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.66000	3733305.23000	3.4903000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.77000	3733419.80000	3.6864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.89000	3733410.29000	3.6261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.00000	3733400.78000	3.5651000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.12000	3733391.27000	3.4956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.23000	3733381.76000	3.4337000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.35000	3733372.25000	3.4236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.47000	3733362.74000	3.4054000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.58000	3733353.24000	3.3871000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.70000	3733343.73000	3.3513000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.81000	3733334.22000	3.3332000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.93000	3733324.71000	3.3110000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498975.04000	3733315.20000	3.2691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498975.16000	3733305.69000	3.2536000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.27000	3733420.26000	3.4288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.38000	3733410.75000	3.3775000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.50000	3733401.24000	3.3115000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.62000	3733391.73000	3.2368000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.73000	3733382.22000	3.1993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.85000	3733372.71000	3.1886000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499011.96000	3733363.20000	3.1809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.08000	3733353.69000	3.1827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.19000	3733344.18000	3.1639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.31000	3733334.67000	3.1338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.43000	3733325.16000	3.1018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.54000	3733315.65000	3.0719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.66000	3733306.15000	3.0476000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.77000	3733420.71000	3.2112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499048.88000	3733411.20000	3.1719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.00000	3733401.69000	3.1145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.11000	3733392.19000	3.0414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.23000	3733382.68000	3.0156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.34000	3733373.17000	2.9919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.46000	3733363.66000	2.9715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.58000	3733354.15000	2.9741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.69000	3733344.64000	2.9657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.81000	3733335.13000	2.9533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.92000	3733325.62000	2.9326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499050.04000	3733316.11000	2.9102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499050.15000	3733306.60000	2.8807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.26000	3733421.17000	3.0137000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.38000	3733411.66000	2.9670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.49000	3733402.15000	2.9179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.61000	3733392.64000	2.8659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499086.73000	3733383.13000	2.8601000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.84000	3733373.62000	2.8388000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.96000	3733364.11000	2.8129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499087.07000	3733354.60000	2.7927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499087.19000	3733345.10000	2.7762000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499087.30000	3733335.59000	2.7667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499087.42000	3733326.08000	2.7579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.76000	3733421.63000	2.8086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.88000	3733412.12000	2.7773000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499123.99000	3733402.61000	2.7322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.11000	3733393.10000	2.7003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.22000	3733383.59000	2.7056000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.34000	3733374.08000	2.6971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.45000	3733364.57000	2.6748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.57000	3733355.06000	2.6524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.69000	3733345.55000	2.6342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.80000	3733336.04000	2.6112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.92000	3733326.53000	2.5925000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.26000	3733422.08000	2.6500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.37000	3733412.57000	2.5961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.49000	3733403.06000	2.5602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.60000	3733393.55000	2.5531000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.72000	3733384.04000	2.5489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.84000	3733374.54000	2.5500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499161.95000	3733365.03000	2.5396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499162.07000	3733355.52000	2.5280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499162.18000	3733346.01000	2.5093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499162.30000	3733336.50000	2.4864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499162.41000	3733326.99000	2.4703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.40000	3733422.78000	2.4489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.51000	3733413.27000	2.4049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.63000	3733403.76000	2.3635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.74000	3733394.25000	2.3470000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.86000	3733384.74000	2.3392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.97000	3733375.23000	2.3402000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499219.09000	3733365.72000	2.3320000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499219.21000	3733356.21000	2.3301000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499219.32000	3733346.70000	2.3274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.53000	3733423.47000	2.2579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.65000	3733413.96000	2.2229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.77000	3733404.45000	2.2124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.88000	3733394.94000	2.2005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499276.00000	3733385.44000	2.1850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499276.11000	3733375.93000	2.1666000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.67000	3733424.17000	2.1086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.79000	3733414.66000	2.0783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.57000	3733290.32000	1.3034000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.45000	3733280.46000	1.2494000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.33000	3733270.60000	1.1829000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.57000	3733290.20000	1.1670000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.45000	3733280.34000	1.1264000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.33000	3733270.48000	1.0727000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.57000	3733290.08000	1.0571000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.45000	3733280.22000	1.0304000e-04	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.33000	3733270.36000	9.8913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.56000	3733289.96000	9.6863000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.44000	3733280.10000	9.4835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.32000	3733270.23000	9.1524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.56000	3733289.84000	8.9866000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.44000	3733279.97000	8.6962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498642.32000	3733270.11000	8.5939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.56000	3733289.71000	8.2315000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.44000	3733279.85000	8.0659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.32000	3733269.99000	7.9807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.56000	3733289.59000	7.6522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.44000	3733279.73000	7.5016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.32000	3733269.87000	7.3697000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.56000	3733289.35000	7.0156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.44000	3733279.49000	6.8045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.32000	3733269.63000	6.6541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.56000	3733289.11000	6.7143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.44000	3733279.24000	6.4551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498702.32000	3733269.38000	6.2232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.56000	3733288.86000	6.2744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.44000	3733279.00000	6.1154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.32000	3733269.14000	5.9297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.56000	3733288.62000	5.7744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.44000	3733278.76000	5.6858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.32000	3733268.90000	5.5761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.56000	3733288.38000	5.3089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.44000	3733278.51000	5.2489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.32000	3733268.65000	5.1901000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498782.55000	3733288.13000	4.9306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.43000	3733278.27000	4.8929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.31000	3733268.41000	4.8208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.55000	3733287.89000	4.6614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.43000	3733278.03000	4.5829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.31000	3733268.17000	4.5085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.55000	3733287.65000	4.4426000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.43000	3733277.78000	4.3547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.31000	3733267.92000	4.2912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.55000	3733287.40000	4.2154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.43000	3733277.54000	4.1644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.31000	3733267.68000	4.1107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.55000	3733287.16000	4.0074000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.43000	3733277.30000	3.9701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.31000	3733267.44000	3.9255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498900.05000	3733286.70000	3.7068000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.93000	3733276.84000	3.6742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498899.81000	3733266.98000	3.6344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.66000	3733296.11000	3.4614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.54000	3733286.25000	3.4388000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.42000	3733276.38000	3.4254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.30000	3733266.52000	3.3868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498975.16000	3733295.65000	3.2207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498975.04000	3733285.79000	3.1965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.92000	3733275.93000	3.1727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.80000	3733266.07000	3.1610000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.66000	3733295.19000	3.0223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.54000	3733285.33000	2.9841000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.42000	3733275.47000	2.9657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.30000	3733265.61000	2.9576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499050.15000	3733294.74000	2.8528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499050.03000	3733284.88000	2.8272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.91000	3733275.02000	2.7906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.79000	3733265.15000	2.7602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.82000	3733213.78000	2.1210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499218.70000	3733203.92000	2.1073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.96000	3733213.09000	2.0023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.84000	3733203.23000	1.9864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499333.10000	3733212.39000	1.8626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.98000	3733202.53000	1.8648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498224.84000	3733031.33000	3.7938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498216.09000	3733026.92000	3.6931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498207.34000	3733022.52000	3.6054000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498198.58000	3733018.12000	3.5311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498189.83000	3733013.72000	3.4513000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.08000	3733009.32000	3.3767000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.33000	3733004.92000	3.3102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.33000	3733022.39000	3.7706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.58000	3733017.99000	3.6630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.83000	3733013.59000	3.5778000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.08000	3733009.19000	3.4963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498194.33000	3733004.79000	3.4139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498185.58000	3733000.38000	3.3343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498176.83000	3732995.98000	3.2669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498233.82000	3733013.46000	3.7221000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498225.07000	3733009.06000	3.6238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498216.32000	3733004.66000	3.5340000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498207.57000	3733000.25000	3.4552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498198.82000	3732995.85000	3.3868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.07000	3732991.45000	3.3134000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.32000	3732987.05000	3.2416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.32000	3733004.53000	3.6527000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.57000	3733000.12000	3.5688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.82000	3732995.72000	3.4818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498212.07000	3732991.32000	3.4105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.32000	3732986.92000	3.3349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498194.56000	3732982.52000	3.2721000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498185.81000	3732978.12000	3.2082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498242.81000	3732995.59000	3.5650000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498234.06000	3732991.19000	3.4904000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498225.31000	3732986.79000	3.4237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498216.56000	3732982.39000	3.3551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498207.81000	3732977.99000	3.2891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.06000	3732973.58000	3.2241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.31000	3732969.18000	3.1566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498247.30000	3732986.66000	3.4778000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.55000	3732982.26000	3.4078000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.80000	3732977.86000	3.3465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.05000	3732973.45000	3.2854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498212.30000	3732969.05000	3.2330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.55000	3732964.65000	3.1748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498194.80000	3732960.25000	3.1144000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498251.80000	3732977.72000	3.4063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498243.05000	3732973.32000	3.3442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498234.30000	3732968.92000	3.2827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498225.55000	3732964.52000	3.2277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498216.80000	3732960.12000	3.1649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498208.05000	3732955.72000	3.1154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.30000	3732951.32000	3.0649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.29000	3732968.79000	3.3525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498247.54000	3732964.39000	3.2865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.79000	3732959.99000	3.2216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.04000	3732955.59000	3.1697000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.29000	3732951.19000	3.1211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498212.54000	3732946.78000	3.0700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.79000	3732942.38000	3.0201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498260.79000	3732959.86000	3.2878000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498252.03000	3732955.46000	3.2333000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498243.28000	3732951.05000	3.1752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498234.53000	3732946.65000	3.1141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498225.78000	3732942.25000	3.0654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498217.03000	3732937.85000	3.0206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498208.28000	3732933.45000	2.9786000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.29000	3733091.77000	5.1865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498536.54000	3733087.37000	5.1141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498527.79000	3733082.97000	5.0184000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.28000	3732950.92000	3.2231000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.53000	3732946.52000	3.1694000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498247.78000	3732942.12000	3.1223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.03000	3732937.72000	3.0698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.28000	3732933.32000	3.0169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.53000	3732928.92000	2.9684000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498212.78000	3732924.52000	2.9308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498563.03000	3733078.31000	4.8687000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.28000	3733073.91000	4.8312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.53000	3733069.51000	4.7609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498536.78000	3733065.10000	4.6569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.03000	3733060.70000	4.5824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.28000	3733056.30000	4.5026000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498510.53000	3733051.90000	4.4403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498501.78000	3733047.50000	4.3770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.03000	3733043.10000	4.3169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.28000	3733038.69000	4.2710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.53000	3733034.29000	4.2490000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.78000	3733029.89000	4.2323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.03000	3733025.49000	4.2006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.28000	3733021.09000	4.1754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.52000	3733016.69000	4.1515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498431.77000	3733012.29000	4.1064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.02000	3733007.88000	4.0436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.27000	3733003.48000	3.9506000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.52000	3732999.08000	3.8677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.77000	3732994.68000	3.7678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.02000	3732990.28000	3.7207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498379.27000	3732985.88000	3.6860000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.52000	3732981.47000	3.6442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498361.77000	3732977.07000	3.6057000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.02000	3732972.67000	3.5628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498344.27000	3732968.27000	3.5170000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.52000	3732963.87000	3.4708000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.77000	3732959.47000	3.4160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498318.02000	3732955.07000	3.3611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498309.27000	3732950.66000	3.3082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498300.52000	3732946.26000	3.2651000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498291.77000	3732941.86000	3.2251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498283.02000	3732937.46000	3.1738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.27000	3732933.06000	3.1263000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.52000	3732928.66000	3.0780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.77000	3732924.25000	3.0216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.01000	3732919.85000	2.9674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.26000	3732915.45000	2.9216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.51000	3732911.05000	2.8788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.76000	3732906.65000	2.8374000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498572.02000	3733060.44000	4.5336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498563.27000	3733056.04000	4.5009000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.52000	3733051.64000	4.4366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.77000	3733047.24000	4.3519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.02000	3733042.84000	4.2910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.27000	3733038.43000	4.2324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.52000	3733034.03000	4.1951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498510.77000	3733029.63000	4.1432000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498502.01000	3733025.23000	4.0957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.26000	3733020.83000	4.0602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.51000	3733016.43000	4.0330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498475.76000	3733012.02000	4.0111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498467.01000	3733007.62000	4.0009000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.26000	3733003.22000	3.9695000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.51000	3732998.82000	3.9355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.76000	3732994.42000	3.9012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.01000	3732990.02000	3.8409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.26000	3732985.62000	3.7406000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.51000	3732981.21000	3.6637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.76000	3732976.81000	3.5954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.01000	3732972.41000	3.5578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.26000	3732968.01000	3.5071000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498379.51000	3732963.61000	3.4710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.76000	3732959.21000	3.4376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498362.01000	3732954.80000	3.4017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.26000	3732950.40000	3.3632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498344.51000	3732946.00000	3.3207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.76000	3732941.60000	3.2776000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498327.01000	3732937.20000	3.2297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498318.26000	3732932.80000	3.1784000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498309.50000	3732928.40000	3.1342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498300.75000	3732923.99000	3.0911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498292.00000	3732919.59000	3.0504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498283.25000	3732915.19000	3.0134000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.50000	3732910.79000	2.9705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.75000	3732906.39000	2.9331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.00000	3732901.99000	2.8912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.25000	3732897.58000	2.8484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.50000	3732893.18000	2.7986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.75000	3732888.78000	2.7491000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498572.25000	3733038.17000	4.1990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498563.50000	3733033.77000	4.1528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.75000	3733029.37000	4.0960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498546.00000	3733024.97000	4.0571000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.25000	3733020.57000	4.0059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.50000	3733016.17000	3.9706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.75000	3733011.76000	3.9299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.00000	3733007.36000	3.8954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498502.25000	3733002.96000	3.8668000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.50000	3732998.56000	3.8461000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.75000	3732994.16000	3.8272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498476.00000	3732989.76000	3.8033000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498467.25000	3732985.35000	3.7847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.50000	3732980.95000	3.7538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.75000	3732976.55000	3.7072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.00000	3732972.15000	3.6442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.25000	3732967.75000	3.5712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.50000	3732963.35000	3.4887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.75000	3732958.95000	3.4386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.00000	3732954.54000	3.4042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.25000	3732950.14000	3.3685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.50000	3732945.74000	3.3307000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498379.75000	3732941.34000	3.2889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.99000	3732936.94000	3.2559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498362.24000	3732932.54000	3.2231000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.49000	3732928.13000	3.1844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498344.74000	3732923.73000	3.1532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498335.99000	3732919.33000	3.1077000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498327.24000	3732914.93000	3.0628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498318.49000	3732910.53000	3.0206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498309.74000	3732906.13000	2.9794000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498300.99000	3732901.73000	2.9421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498292.24000	3732897.32000	2.9039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498283.49000	3732892.92000	2.8669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.74000	3732888.52000	2.8332000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.99000	3732884.12000	2.7971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.24000	3732879.72000	2.7649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.49000	3732875.32000	2.7288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.74000	3732870.91000	2.6915000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498563.74000	3733011.50000	3.8737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.99000	3733007.10000	3.8439000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498546.24000	3733002.70000	3.8054000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.49000	3732998.30000	3.7744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.74000	3732993.90000	3.7342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.99000	3732989.50000	3.7058000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.24000	3732985.09000	3.6862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498502.49000	3732980.69000	3.6734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.74000	3732976.29000	3.6575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.99000	3732971.89000	3.6341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498476.24000	3732967.49000	3.6079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498467.49000	3732963.09000	3.5782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.74000	3732958.68000	3.5342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.99000	3732954.28000	3.4710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498441.24000	3732949.88000	3.4003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.48000	3732945.48000	3.3457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.73000	3732941.08000	3.3070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.98000	3732936.68000	3.2612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.23000	3732932.28000	3.2285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.48000	3732927.87000	3.1988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.73000	3732923.47000	3.1718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498379.98000	3732919.07000	3.1355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498371.23000	3732914.67000	3.0963000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498362.48000	3732910.27000	3.0632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.73000	3732905.87000	3.0304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498344.98000	3732901.46000	2.9987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.23000	3732897.06000	2.9613000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498327.48000	3732892.66000	2.9175000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498318.73000	3732888.26000	2.8763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498309.98000	3732883.86000	2.8412000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498301.23000	3732879.46000	2.8096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498292.48000	3732875.05000	2.7720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498283.73000	3732870.65000	2.7401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.98000	3732866.25000	2.7099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498266.23000	3732861.85000	2.6758000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.48000	3732857.45000	2.6468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.73000	3732853.05000	2.6159000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498563.98000	3732989.23000	3.6460000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498555.23000	3732984.83000	3.6242000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498546.48000	3732980.43000	3.5956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.73000	3732976.03000	3.5613000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.98000	3732971.63000	3.5346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498520.23000	3732967.23000	3.5180000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.48000	3732962.83000	3.5048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498502.73000	3732958.42000	3.4967000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.97000	3732954.02000	3.4803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498485.22000	3732949.62000	3.4514000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498476.47000	3732945.22000	3.4156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498467.72000	3732940.82000	3.3692000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.97000	3732936.42000	3.3133000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498450.22000	3732932.01000	3.2561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.47000	3732927.61000	3.2120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.72000	3732923.21000	3.1787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.97000	3732918.81000	3.1503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.22000	3732914.41000	3.1088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.47000	3732910.01000	3.0711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.72000	3732905.61000	3.0461000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.97000	3732901.20000	3.0229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.22000	3732896.80000	2.9919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498371.47000	3732892.40000	2.9559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498362.72000	3732888.00000	2.9195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.97000	3732883.60000	2.8906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.22000	3732879.20000	2.8623000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.47000	3732874.79000	2.8257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498327.72000	3732870.39000	2.7919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498318.97000	3732865.99000	2.7519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498310.22000	3732861.59000	2.7149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498301.46000	3732857.19000	2.6864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498292.71000	3732852.79000	2.6563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498283.96000	3732848.38000	2.6209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498275.21000	3732843.98000	2.5969000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498266.46000	3732839.58000	2.5682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.71000	3732835.18000	2.5383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498564.21000	3732966.97000	3.4550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498555.46000	3732962.56000	3.4332000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498546.71000	3732958.16000	3.4004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498537.96000	3732953.76000	3.3806000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498529.21000	3732949.36000	3.3667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498520.46000	3732944.96000	3.3527000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.71000	3732940.56000	3.3396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498502.96000	3732936.16000	3.3293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498494.21000	3732931.75000	3.3060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498485.46000	3732927.35000	3.2679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498476.71000	3732922.95000	3.2235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498467.96000	3732918.55000	3.1670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.21000	3732914.15000	3.1276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498450.46000	3732909.75000	3.0973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.71000	3732905.34000	3.0618000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498432.96000	3732900.94000	3.0282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.21000	3732896.54000	3.0029000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.46000	3732892.14000	2.9708000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.71000	3732887.74000	2.9334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.96000	3732883.34000	2.9080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.21000	3732878.93000	2.8857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.46000	3732874.53000	2.8594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498371.71000	3732870.13000	2.8286000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498362.95000	3732865.73000	2.7959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498354.20000	3732861.33000	2.7647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.45000	3732856.93000	2.7364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.70000	3732852.53000	2.7036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498327.95000	3732848.12000	2.6733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498319.20000	3732843.72000	2.6416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498310.45000	3732839.32000	2.6081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498301.70000	3732834.92000	2.5740000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498292.95000	3732830.52000	2.5459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.20000	3732826.12000	2.5188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498275.45000	3732821.71000	2.4906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498266.70000	3732817.31000	2.4655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498564.45000	3732944.70000	3.2796000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498555.70000	3732940.30000	3.2567000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498546.95000	3732935.89000	3.2357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.20000	3732931.49000	3.2263000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498529.45000	3732927.09000	3.2141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498520.70000	3732922.69000	3.2005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.95000	3732918.29000	3.1820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.20000	3732913.89000	3.1625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498494.45000	3732909.49000	3.1302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498485.70000	3732905.08000	3.0876000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498476.95000	3732900.68000	3.0454000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.20000	3732896.28000	3.0053000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.45000	3732891.88000	2.9835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498450.70000	3732887.48000	2.9570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498441.95000	3732883.08000	2.9241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.20000	3732878.67000	2.8964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.44000	3732874.27000	2.8674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.69000	3732869.87000	2.8416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.94000	3732865.47000	2.8129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498398.19000	3732861.07000	2.7821000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.44000	3732856.67000	2.7592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.69000	3732852.26000	2.7355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498371.94000	3732847.86000	2.7082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.19000	3732843.46000	2.6809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498354.44000	3732839.06000	2.6544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.69000	3732834.66000	2.6212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.94000	3732830.26000	2.5909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498328.19000	3732825.86000	2.5653000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498319.44000	3732821.45000	2.5352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498310.69000	3732817.05000	2.5107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498301.94000	3732812.65000	2.4788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498293.19000	3732808.25000	2.4468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.44000	3732803.85000	2.4208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498275.69000	3732799.45000	2.3978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498564.69000	3732922.43000	3.1216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498555.94000	3732918.03000	3.1079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498547.19000	3732913.63000	3.0942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.44000	3732909.22000	3.0845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498529.69000	3732904.82000	3.0698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498520.94000	3732900.42000	3.0560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498512.19000	3732896.02000	3.0270000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.44000	3732891.62000	2.9944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498494.69000	3732887.22000	2.9585000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498485.93000	3732882.81000	2.9328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498477.18000	3732878.41000	2.9036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.43000	3732874.01000	2.8777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.68000	3732869.61000	2.8497000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498450.93000	3732865.21000	2.8274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.18000	3732860.81000	2.8012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.43000	3732856.41000	2.7741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.68000	3732852.00000	2.7422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.93000	3732847.60000	2.7219000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498407.18000	3732843.20000	2.6999000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498398.43000	3732838.80000	2.6711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.68000	3732834.40000	2.6442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.93000	3732830.00000	2.6237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498372.18000	3732825.59000	2.5980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.43000	3732821.19000	2.5744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498354.68000	3732816.79000	2.5484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.93000	3732812.39000	2.5203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498337.18000	3732807.99000	2.4879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498328.43000	3732803.59000	2.4652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498319.68000	3732799.19000	2.4386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498310.93000	3732794.78000	2.4155000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498302.18000	3732790.38000	2.3909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498293.42000	3732785.98000	2.3615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.67000	3732781.58000	2.3335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498564.93000	3732900.16000	2.9862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498556.17000	3732895.76000	2.9774000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498547.42000	3732891.36000	2.9622000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498538.67000	3732886.96000	2.9482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498529.92000	3732882.55000	2.9329000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498521.17000	3732878.15000	2.9095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498512.42000	3732873.75000	2.8706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.67000	3732869.35000	2.8404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498494.92000	3732864.95000	2.8172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498486.17000	3732860.55000	2.8040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498477.42000	3732856.14000	2.7840000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.67000	3732851.74000	2.7585000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.92000	3732847.34000	2.7302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.17000	3732842.94000	2.7067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.42000	3732838.54000	2.6865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.67000	3732834.14000	2.6606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498424.92000	3732829.74000	2.6324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498416.17000	3732825.33000	2.6106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498407.42000	3732820.93000	2.5942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498398.67000	3732816.53000	2.5671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.92000	3732812.13000	2.5413000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498381.17000	3732807.73000	2.5184000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498372.42000	3732803.33000	2.4977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.67000	3732798.92000	2.4747000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498354.91000	3732794.52000	2.4512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498346.16000	3732790.12000	2.4238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498337.41000	3732785.72000	2.3980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498328.66000	3732781.32000	2.3705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498319.91000	3732776.92000	2.3498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498311.16000	3732772.52000	2.3287000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498302.41000	3732768.11000	2.3046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498293.66000	3732763.71000	2.2803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498547.66000	3732869.09000	2.8343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498538.91000	3732864.69000	2.8166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498530.16000	3732860.29000	2.7947000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498521.41000	3732855.88000	2.7658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498512.66000	3732851.48000	2.7356000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498503.91000	3732847.08000	2.7144000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498495.16000	3732842.68000	2.7003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498486.41000	3732838.28000	2.6886000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498477.66000	3732833.88000	2.6722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498468.91000	3732829.47000	2.6489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498460.16000	3732825.07000	2.6184000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498451.41000	3732820.67000	2.5962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498442.66000	3732816.27000	2.5785000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498433.91000	3732811.87000	2.5540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498425.16000	3732807.47000	2.5323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498416.40000	3732803.07000	2.5101000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498407.65000	3732798.66000	2.4927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498398.90000	3732794.26000	2.4701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498390.15000	3732789.86000	2.4455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498381.40000	3732785.46000	2.4216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498372.65000	3732781.06000	2.4054000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.90000	3732776.66000	2.3841000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.15000	3732772.25000	2.3600000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498346.40000	3732767.85000	2.3328000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498337.65000	3732763.45000	2.3121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498328.90000	3732759.05000	2.2874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498320.15000	3732754.65000	2.2642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498311.40000	3732750.25000	2.2476000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498302.65000	3732745.85000	2.2257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.35000	3732916.87000	2.7545000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498727.43000	3732923.33000	2.7685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498734.52000	3732929.78000	2.7704000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.60000	3732936.24000	2.7764000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498748.68000	3732942.70000	2.7842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498755.76000	3732949.15000	2.7914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498713.27000	3732910.41000	2.7441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498704.52000	3732906.01000	2.7507000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498695.77000	3732901.61000	2.7580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498687.02000	3732897.21000	2.7589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498398.25000	3732751.96000	2.3018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.50000	3732747.56000	2.2815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.75000	3732743.16000	2.2614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498372.00000	3732738.75000	2.2436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.25000	3732734.35000	2.2278000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498354.50000	3732729.95000	2.2048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.75000	3732725.55000	2.1811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498337.00000	3732721.15000	2.1596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498328.25000	3732716.75000	2.1409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498319.50000	3732712.34000	2.1247000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498737.24000	3732883.40000	2.5724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498744.36000	3732889.90000	2.5882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498751.48000	3732896.39000	2.5882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498758.60000	3732902.88000	2.5920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498765.72000	3732909.37000	2.6006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498772.84000	3732915.86000	2.6063000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.96000	3732922.35000	2.6138000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498787.08000	3732928.84000	2.6224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498794.20000	3732935.33000	2.6269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.32000	3732941.82000	2.6351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498808.44000	3732948.31000	2.6416000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498815.56000	3732954.80000	2.6639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498730.12000	3732876.91000	2.5632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498721.37000	3732872.51000	2.5649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498712.62000	3732868.11000	2.5709000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498703.87000	3732863.71000	2.5738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498695.12000	3732859.31000	2.5700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498397.60000	3732709.65000	2.1522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.85000	3732705.25000	2.1369000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.10000	3732700.85000	2.1215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498371.35000	3732696.45000	2.1042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498362.60000	3732692.05000	2.0855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.85000	3732687.65000	2.0674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498345.10000	3732683.25000	2.0510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.35000	3732678.84000	2.0297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498754.12000	3732849.93000	2.4134000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.27000	3732856.45000	2.4259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498768.42000	3732862.97000	2.4303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498775.58000	3732869.49000	2.4314000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498782.73000	3732876.01000	2.4398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498789.88000	3732882.53000	2.4455000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498797.03000	3732889.04000	2.4497000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498804.18000	3732895.56000	2.4589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498811.33000	3732902.08000	2.4676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498818.48000	3732908.60000	2.4708000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498825.63000	3732915.12000	2.4762000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498832.78000	3732921.64000	2.4826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.93000	3732928.16000	2.5118000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498847.08000	3732934.68000	2.5374000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498854.23000	3732941.20000	2.5489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498861.38000	3732947.71000	2.5461000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498875.69000	3732960.75000	2.5141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498746.97000	3732843.41000	2.3996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498738.22000	3732839.01000	2.4032000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498729.47000	3732834.61000	2.4081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498720.72000	3732830.21000	2.4097000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498711.97000	3732825.81000	2.4066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498554.46000	3732746.58000	2.2615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.71000	3732742.18000	2.2520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498536.96000	3732737.78000	2.2396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498528.21000	3732733.37000	2.2292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498519.46000	3732728.97000	2.2183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498510.71000	3732724.57000	2.2048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498501.96000	3732720.17000	2.1928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498493.21000	3732715.77000	2.1795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498484.46000	3732711.37000	2.1665000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.71000	3732706.97000	2.1538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.96000	3732702.56000	2.1392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498458.21000	3732698.16000	2.1274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498449.46000	3732693.76000	2.1108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.71000	3732689.36000	2.0951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498431.96000	3732684.96000	2.0791000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498423.21000	3732680.56000	2.0661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498414.46000	3732676.15000	2.0553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.70000	3732671.75000	2.0415000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.95000	3732667.35000	2.0234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498388.20000	3732662.95000	2.0095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498379.45000	3732658.55000	1.9949000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.70000	3732654.15000	1.9797000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498361.95000	3732649.74000	1.9623000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.20000	3732645.34000	1.9442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498771.00000	3732816.46000	2.2711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498778.18000	3732823.00000	2.2803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498785.35000	3732829.54000	2.2893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498792.53000	3732836.08000	2.2893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498799.71000	3732842.63000	2.2945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498806.88000	3732849.17000	2.3016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498814.06000	3732855.71000	2.3064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.24000	3732862.25000	2.3147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.41000	3732868.80000	2.3232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498835.59000	3732875.34000	2.3285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498842.77000	3732881.88000	2.3309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498849.94000	3732888.42000	2.3368000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498857.12000	3732894.97000	2.3464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498864.30000	3732901.51000	2.3739000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498871.48000	3732908.05000	2.3915000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498878.65000	3732914.59000	2.3964000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498885.83000	3732921.14000	2.3880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498893.01000	3732927.68000	2.3715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498900.18000	3732934.22000	2.3629000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498907.36000	3732940.76000	2.3767000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498914.54000	3732947.31000	2.3744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498921.71000	3732953.85000	2.3661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.07000	3732966.93000	2.3915000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498763.82000	3732809.91000	2.2593000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498755.07000	3732805.51000	2.2607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498746.32000	3732801.11000	2.2654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498737.57000	3732796.71000	2.2626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498728.82000	3732792.31000	2.2606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.82000	3732774.70000	2.2506000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498685.07000	3732770.30000	2.2414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498676.32000	3732765.90000	2.2329000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498667.57000	3732761.50000	2.2293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498658.82000	3732757.09000	2.2244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498650.07000	3732752.69000	2.2194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498641.32000	3732748.29000	2.2161000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498632.57000	3732743.89000	2.2143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498623.82000	3732739.49000	2.2064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498615.07000	3732735.09000	2.1942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498606.32000	3732730.68000	2.1847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498597.56000	3732726.28000	2.1771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498588.81000	3732721.88000	2.1680000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498580.06000	3732717.48000	2.1571000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498571.31000	3732713.08000	2.1463000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498562.56000	3732708.68000	2.1321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498553.81000	3732704.28000	2.1227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498545.06000	3732699.87000	2.1104000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498536.31000	3732695.47000	2.0997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498527.56000	3732691.07000	2.0921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498518.81000	3732686.67000	2.0810000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498510.06000	3732682.27000	2.0676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498501.31000	3732677.87000	2.0559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498492.56000	3732673.46000	2.0453000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498483.81000	3732669.06000	2.0341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498475.06000	3732664.66000	2.0194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498466.31000	3732660.26000	2.0098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498457.56000	3732655.86000	1.9994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498448.81000	3732651.46000	1.9880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.06000	3732647.06000	1.9723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498431.31000	3732642.65000	1.9561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498422.56000	3732638.25000	1.9449000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498413.81000	3732633.85000	1.9327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498405.06000	3732629.45000	1.9230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.30000	3732625.05000	1.9105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498387.55000	3732620.65000	1.8962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498378.80000	3732616.24000	1.8813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.05000	3732611.84000	1.8673000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498787.87000	3732782.97000	2.1420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498795.07000	3732789.54000	2.1517000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.27000	3732796.10000	2.1602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498809.47000	3732802.66000	2.1652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498816.67000	3732809.23000	2.1700000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498823.87000	3732815.79000	2.1713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498831.07000	3732822.35000	2.1771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498838.27000	3732828.91000	2.1853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498845.47000	3732835.48000	2.1941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.66000	3732842.04000	2.1992000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.86000	3732848.60000	2.2048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498867.06000	3732855.16000	2.2057000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498874.26000	3732861.73000	2.2100000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498881.46000	3732868.29000	2.2288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498888.66000	3732874.85000	2.2498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498895.86000	3732881.42000	2.2602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498903.06000	3732887.98000	2.2584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498910.26000	3732894.54000	2.2485000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498917.45000	3732901.10000	2.2259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498924.65000	3732907.67000	2.2305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498931.85000	3732914.23000	2.2389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498939.05000	3732920.79000	2.2393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498946.25000	3732927.35000	2.2477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498953.45000	3732933.92000	2.2514000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498960.65000	3732940.48000	2.2557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498967.85000	3732947.04000	2.2572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.67000	3732776.41000	2.1367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498771.92000	3732772.01000	2.1343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498763.17000	3732767.61000	2.1351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498754.42000	3732763.21000	2.1342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498745.67000	3732758.81000	2.1289000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498736.92000	3732754.40000	2.1262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498710.67000	3732741.20000	2.1224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.92000	3732736.80000	2.1216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498693.17000	3732732.40000	2.1113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498684.42000	3732728.00000	2.1067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498675.67000	3732723.59000	2.1043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.92000	3732719.19000	2.0990000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498658.17000	3732714.79000	2.0953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498649.42000	3732710.39000	2.0887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.67000	3732705.99000	2.0835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.92000	3732701.59000	2.0746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498623.17000	3732697.18000	2.0644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498614.42000	3732692.78000	2.0632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498605.67000	3732688.38000	2.0572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498596.92000	3732683.98000	2.0460000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498588.16000	3732679.58000	2.0364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498579.41000	3732675.18000	2.0281000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498570.66000	3732670.77000	2.0174000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498561.91000	3732666.37000	2.0062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498553.16000	3732661.97000	1.9966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498544.41000	3732657.57000	1.9846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.66000	3732653.17000	1.9769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.91000	3732648.77000	1.9691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498518.16000	3732644.37000	1.9560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498509.41000	3732639.96000	1.9450000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498500.66000	3732635.56000	1.9364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498491.91000	3732631.16000	1.9266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498483.16000	3732626.76000	1.9142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498474.41000	3732622.36000	1.9039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498465.66000	3732617.96000	1.8945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498456.91000	3732613.55000	1.8856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498448.16000	3732609.15000	1.8750000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498439.41000	3732604.75000	1.8600000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.66000	3732600.35000	1.8479000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.91000	3732595.95000	1.8355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498413.16000	3732591.55000	1.8261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498404.41000	3732587.15000	1.8153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498395.65000	3732582.74000	1.8067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498386.90000	3732578.34000	1.7959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498804.74000	3732749.49000	2.0293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498811.96000	3732756.07000	2.0379000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.18000	3732762.65000	2.0430000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498826.40000	3732769.23000	2.0505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498833.62000	3732775.81000	2.0568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498840.83000	3732782.39000	2.0572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498848.05000	3732788.97000	2.0606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498855.27000	3732795.55000	2.0678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.49000	3732802.13000	2.0760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498869.71000	3732808.71000	2.0819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498876.92000	3732815.29000	2.0891000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498884.14000	3732821.87000	2.0937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498891.36000	3732828.45000	2.0892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.58000	3732835.03000	2.0992000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498905.80000	3732841.61000	2.1210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498913.01000	3732848.19000	2.1350000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498920.23000	3732854.77000	2.1393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498927.45000	3732861.35000	2.1351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.67000	3732867.93000	2.1213000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498941.89000	3732874.51000	2.1083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498949.10000	3732881.09000	2.1105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498956.32000	3732887.67000	2.1164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498963.54000	3732894.25000	2.1237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498970.76000	3732900.83000	2.1366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498977.98000	3732907.41000	2.1401000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498985.19000	3732913.99000	2.1348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498992.41000	3732920.57000	2.1327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498999.63000	3732927.15000	2.1226000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.60000	3732943.11000	2.1342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.35000	3732952.48000	2.1443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499017.85000	3732971.22000	2.1754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498797.53000	3732742.91000	2.0243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498788.78000	3732738.51000	2.0227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498780.02000	3732734.11000	2.0178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498771.27000	3732729.71000	2.0171000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498762.52000	3732725.31000	2.0146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498753.77000	3732720.90000	2.0116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498727.52000	3732707.70000	2.0074000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498718.77000	3732703.30000	2.0069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498710.02000	3732698.90000	2.0038000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498701.27000	3732694.49000	1.9983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498692.52000	3732690.09000	1.9952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498683.77000	3732685.69000	1.9903000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498675.02000	3732681.29000	1.9856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498666.27000	3732676.89000	1.9782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498657.52000	3732672.49000	1.9724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498648.77000	3732668.09000	1.9674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498640.02000	3732663.68000	1.9592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498631.27000	3732659.28000	1.9540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498622.52000	3732654.88000	1.9534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498613.77000	3732650.48000	1.9467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498605.02000	3732646.08000	1.9387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498596.27000	3732641.68000	1.9287000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498587.51000	3732637.27000	1.9208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498578.76000	3732632.87000	1.9147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498570.01000	3732628.47000	1.9021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498561.26000	3732624.07000	1.8916000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498552.51000	3732619.67000	1.8827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498543.76000	3732615.27000	1.8742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498535.01000	3732610.86000	1.8656000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498526.26000	3732606.46000	1.8554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498517.51000	3732602.06000	1.8452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.76000	3732597.66000	1.8376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498500.01000	3732593.26000	1.8283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498491.26000	3732588.86000	1.8193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498482.51000	3732584.46000	1.8090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498473.76000	3732580.05000	1.8011000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498465.01000	3732575.65000	1.7930000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498456.26000	3732571.25000	1.7833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498447.51000	3732566.85000	1.7717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498438.76000	3732562.45000	1.7596000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498430.01000	3732558.05000	1.7495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.26000	3732553.64000	1.7367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498412.51000	3732549.24000	1.7300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498403.76000	3732544.84000	1.7207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.61000	3732716.01000	1.9282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.85000	3732722.60000	1.9343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498836.08000	3732729.20000	1.9398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498843.32000	3732735.79000	1.9474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498850.55000	3732742.39000	1.9533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498857.78000	3732748.98000	1.9537000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498865.02000	3732755.58000	1.9560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498872.25000	3732762.17000	1.9621000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498879.49000	3732768.77000	1.9689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498886.72000	3732775.36000	1.9744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498893.96000	3732781.96000	1.9820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498901.19000	3732788.55000	1.9887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498908.43000	3732795.15000	1.9883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498915.66000	3732801.74000	1.9889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498922.90000	3732808.34000	2.0049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498930.13000	3732814.94000	2.0207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498937.37000	3732821.53000	2.0286000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498944.60000	3732828.13000	2.0301000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498951.84000	3732834.72000	2.0223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498959.07000	3732841.32000	2.0078000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498966.30000	3732847.91000	2.0034000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498973.54000	3732854.51000	2.0057000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498980.77000	3732861.10000	2.0089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498988.01000	3732867.70000	2.0212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498995.24000	3732874.29000	2.0323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499002.48000	3732880.89000	2.0345000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499009.71000	3732887.48000	2.0246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499016.95000	3732894.08000	2.0201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499024.18000	3732900.67000	2.0169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499031.42000	3732907.27000	2.0176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499041.41000	3732923.26000	2.0258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499044.16000	3732932.65000	2.0354000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499046.92000	3732942.05000	2.0509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.67000	3732951.44000	2.0657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499077.23000	3733045.38000	2.2016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499079.98000	3733054.77000	2.1969000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499082.74000	3733064.17000	2.2076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499085.49000	3733073.56000	2.2238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499088.25000	3733082.95000	2.2351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499091.00000	3733092.35000	2.2574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499093.76000	3733101.74000	2.2851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499096.51000	3733111.14000	2.2983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499099.27000	3733120.53000	2.2972000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499102.03000	3733129.92000	2.2960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499104.78000	3733139.32000	2.2958000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499107.54000	3733148.71000	2.3168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499110.29000	3733158.11000	2.3252000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498814.38000	3732709.41000	1.9213000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498805.63000	3732705.01000	1.9207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498796.88000	3732700.61000	1.9137000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498788.13000	3732696.21000	1.9119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498779.37000	3732691.80000	1.9117000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498770.62000	3732687.40000	1.9094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498744.37000	3732674.20000	1.9058000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498735.62000	3732669.80000	1.9017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498726.87000	3732665.40000	1.9012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498718.12000	3732660.99000	1.9022000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498709.37000	3732656.59000	1.8971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498700.62000	3732652.19000	1.8913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498691.87000	3732647.79000	1.8865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498683.12000	3732643.39000	1.8797000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498674.37000	3732638.99000	1.8744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498665.62000	3732634.58000	1.8691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.87000	3732630.18000	1.8641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498648.12000	3732625.78000	1.8575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498639.37000	3732621.38000	1.8553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498630.62000	3732616.98000	1.8520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.87000	3732612.58000	1.8471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498613.12000	3732608.18000	1.8392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498604.37000	3732603.77000	1.8306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498595.62000	3732599.37000	1.8254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498586.87000	3732594.97000	1.8186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498578.11000	3732590.57000	1.8104000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498569.36000	3732586.17000	1.7982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498560.61000	3732581.77000	1.7890000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498551.86000	3732577.36000	1.7831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498543.11000	3732572.96000	1.7735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498534.36000	3732568.56000	1.7624000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498525.61000	3732564.16000	1.7546000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498516.86000	3732559.76000	1.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498508.11000	3732555.36000	1.7391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498499.36000	3732550.96000	1.7310000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498490.61000	3732546.55000	1.7236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498481.86000	3732542.15000	1.7156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498473.11000	3732537.75000	1.7085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498464.36000	3732533.35000	1.7008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498455.61000	3732528.95000	1.6905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498446.86000	3732524.55000	1.6786000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498438.11000	3732520.14000	1.6688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498429.36000	3732515.74000	1.6583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498420.61000	3732511.34000	1.6501000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498838.26000	3732682.32000	1.8354000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498845.30000	3732688.74000	1.8390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498852.34000	3732695.15000	1.8457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498859.37000	3732701.57000	1.8532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498866.41000	3732707.98000	1.8590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498873.44000	3732714.40000	1.8587000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.48000	3732720.81000	1.8608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498887.52000	3732727.22000	1.8655000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498894.55000	3732733.64000	1.8699000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498901.59000	3732740.05000	1.8749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498908.62000	3732746.47000	1.8819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498915.66000	3732752.88000	1.8871000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498922.70000	3732759.30000	1.8918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498929.73000	3732765.71000	1.8942000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498936.77000	3732772.12000	1.8965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498943.81000	3732778.54000	1.9086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498950.84000	3732784.95000	1.9224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498957.88000	3732791.37000	1.9276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498964.91000	3732797.78000	1.9293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498971.95000	3732804.19000	1.9235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498978.99000	3732810.61000	1.9146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498986.02000	3732817.02000	1.9121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498993.06000	3732823.44000	1.9075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499000.09000	3732829.85000	1.9113000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499007.13000	3732836.27000	1.9165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499014.17000	3732842.68000	1.9283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499021.20000	3732849.09000	1.9347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499028.24000	3732855.51000	1.9331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499035.27000	3732861.92000	1.9228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499042.31000	3732868.34000	1.9194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499049.35000	3732874.75000	1.9218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499056.38000	3732881.17000	1.9250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499063.42000	3732887.58000	1.9238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499073.13000	3732903.13000	1.9247000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499075.81000	3732912.27000	1.9348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499078.49000	3732921.40000	1.9485000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499081.17000	3732930.54000	1.9661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499083.85000	3732939.67000	1.9768000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.53000	3732948.81000	1.9831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499097.25000	3732985.35000	2.0235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499099.93000	3732994.49000	2.0453000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499102.61000	3733003.63000	2.0681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499105.29000	3733012.76000	2.0842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499107.97000	3733021.90000	2.0899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499110.65000	3733031.03000	2.0880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499113.33000	3733040.17000	2.0879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499116.01000	3733049.31000	2.1021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499118.69000	3733058.44000	2.1127000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499121.37000	3733067.58000	2.1254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.05000	3733076.71000	2.1494000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499126.73000	3733085.85000	2.1718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499129.41000	3733094.99000	2.1824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499132.09000	3733104.12000	2.1799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499134.77000	3733113.26000	2.1848000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499137.45000	3733122.39000	2.1799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499140.13000	3733131.53000	2.1829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499142.81000	3733140.67000	2.2001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499145.49000	3733149.80000	2.2069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499148.17000	3733158.94000	2.2139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498831.23000	3732675.91000	1.8279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498822.48000	3732671.51000	1.8266000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498813.73000	3732667.11000	1.8220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498804.98000	3732662.71000	1.8189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498796.23000	3732658.30000	1.8187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498787.48000	3732653.90000	1.8185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498761.22000	3732640.70000	1.8126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498752.47000	3732636.30000	1.8111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498743.72000	3732631.89000	1.8060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498734.97000	3732627.49000	1.8093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498726.22000	3732623.09000	1.8098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498717.47000	3732618.69000	1.8021000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498708.72000	3732614.29000	1.7961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.97000	3732609.89000	1.7906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498691.22000	3732605.49000	1.7856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498682.47000	3732601.08000	1.7822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.72000	3732596.68000	1.7759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.97000	3732592.28000	1.7705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498656.22000	3732587.88000	1.7653000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498647.47000	3732583.48000	1.7648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.72000	3732579.08000	1.7602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.97000	3732574.67000	1.7562000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498621.22000	3732570.27000	1.7481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498612.47000	3732565.87000	1.7441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498603.72000	3732561.47000	1.7375000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498594.97000	3732557.07000	1.7308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498586.22000	3732552.67000	1.7252000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498577.46000	3732548.27000	1.7153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498568.71000	3732543.86000	1.7036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498559.96000	3732539.46000	1.6983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498551.21000	3732535.06000	1.6900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498542.46000	3732530.66000	1.6795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498533.71000	3732526.26000	1.6702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498524.96000	3732521.86000	1.6663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498516.21000	3732517.45000	1.6587000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498507.46000	3732513.05000	1.6503000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.71000	3732508.65000	1.6437000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.96000	3732504.25000	1.6373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498481.21000	3732499.85000	1.6306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498472.46000	3732495.45000	1.6245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498446.21000	3732482.24000	1.5944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498437.46000	3732477.84000	1.5858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498871.07000	3732637.77000	1.7121000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498920.64000	3732682.96000	1.7390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498927.72000	3732689.42000	1.7425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498934.80000	3732695.87000	1.7513000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498941.88000	3732702.33000	1.7541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498948.96000	3732708.78000	1.7572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498956.04000	3732715.24000	1.7610000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498963.13000	3732721.69000	1.7672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498970.21000	3732728.15000	1.7693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498977.29000	3732734.61000	1.7792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498984.37000	3732741.06000	1.7896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498991.45000	3732747.52000	1.7934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498998.53000	3732753.97000	1.7914000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499005.61000	3732760.43000	1.7852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499012.70000	3732766.88000	1.7828000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499019.78000	3732773.34000	1.7846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499026.86000	3732779.79000	1.7830000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499033.94000	3732786.25000	1.7785000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499041.02000	3732792.70000	1.7845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499048.10000	3732799.16000	1.7928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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499062.27000	3732812.07000	1.7960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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499076.43000	3732824.98000	1.7875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499083.51000	3732831.44000	1.7856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499090.59000	3732837.89000	1.7927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499097.67000	3732844.35000	1.7979000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499104.75000	3732850.80000	1.7976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499111.83000	3732857.26000	1.7929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499121.61000	3732872.91000	1.7869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.31000	3732882.10000	1.7995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499127.01000	3732891.30000	1.8160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499129.70000	3732900.49000	1.8297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499132.40000	3732909.69000	1.8395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499135.10000	3732918.88000	1.8474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499137.79000	3732928.08000	1.8537000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499140.49000	3732937.27000	1.8611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499143.19000	3732946.47000	1.8710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499145.89000	3732955.66000	1.8833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499153.98000	3732983.25000	1.9324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499156.67000	3732992.44000	1.9361000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499159.37000	3733001.64000	1.9404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499162.07000	3733010.83000	1.9432000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499164.76000	3733020.03000	1.9480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499167.46000	3733029.22000	1.9607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499170.16000	3733038.42000	1.9739000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499172.86000	3733047.61000	1.9853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499175.55000	3733056.81000	2.0048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499178.25000	3733066.00000	2.0152000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499180.95000	3733075.20000	2.0234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499183.64000	3733084.39000	2.0297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499186.34000	3733093.59000	2.0277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499189.04000	3733102.78000	2.0213000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499191.73000	3733111.98000	2.0218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499194.43000	3733121.17000	2.0365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499197.13000	3733130.37000	2.0484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499199.83000	3733139.56000	2.0598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499202.52000	3733148.75000	2.0634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499205.22000	3733157.95000	2.0728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499213.31000	3733185.53000	2.1001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499216.01000	3733194.73000	2.1030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498856.91000	3732624.86000	1.7000000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498848.16000	3732620.46000	1.6987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498839.40000	3732616.06000	1.6971000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498830.65000	3732611.66000	1.6961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498821.90000	3732607.26000	1.6929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498813.15000	3732602.85000	1.6924000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498804.40000	3732598.45000	1.6892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498795.65000	3732594.05000	1.6869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.90000	3732589.65000	1.6843000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498778.15000	3732585.25000	1.6851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498769.40000	3732580.85000	1.6837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.65000	3732576.44000	1.6800000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498751.90000	3732572.04000	1.6814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498743.15000	3732567.64000	1.6814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498734.40000	3732563.24000	1.6751000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498725.65000	3732558.84000	1.6697000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498716.90000	3732554.44000	1.6671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498708.15000	3732550.04000	1.6621000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498699.40000	3732545.63000	1.6574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498690.65000	3732541.23000	1.6529000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.90000	3732536.83000	1.6453000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498673.15000	3732532.43000	1.6424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498664.40000	3732528.03000	1.6412000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.65000	3732523.63000	1.6397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.90000	3732519.22000	1.6341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498638.14000	3732514.82000	1.6282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498629.39000	3732510.42000	1.6246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.64000	3732506.02000	1.6215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.89000	3732501.62000	1.6157000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498603.14000	3732497.22000	1.6099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498594.39000	3732492.82000	1.6044000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498585.64000	3732488.41000	1.5966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.89000	3732484.01000	1.5857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498568.14000	3732479.61000	1.5777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498559.39000	3732475.21000	1.5715000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498550.64000	3732470.81000	1.5615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498541.89000	3732466.41000	1.5561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498533.14000	3732462.00000	1.5495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498524.39000	3732457.60000	1.5454000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498515.64000	3732453.20000	1.5378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498506.89000	3732448.80000	1.5320000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498498.14000	3732444.40000	1.5257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498489.39000	3732440.00000	1.5207000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498480.64000	3732435.60000	1.5159000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498471.89000	3732431.19000	1.5090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498463.14000	3732426.79000	1.5002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.70000	3732580.30000	1.5935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498896.82000	3732586.79000	1.5981000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498903.94000	3732593.29000	1.6035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498911.06000	3732599.78000	1.6112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498918.18000	3732606.27000	1.6183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498925.30000	3732612.76000	1.6192000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498932.42000	3732619.25000	1.6222000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498939.54000	3732625.74000	1.6251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498946.66000	3732632.23000	1.6258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498953.78000	3732638.72000	1.6278000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498960.90000	3732645.21000	1.6344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498968.02000	3732651.70000	1.6391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498975.14000	3732658.19000	1.6407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498982.26000	3732664.68000	1.6441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498989.38000	3732671.17000	1.6485000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498996.50000	3732677.66000	1.6541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499003.62000	3732684.15000	1.6558000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.74000	3732690.64000	1.6628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499017.86000	3732697.13000	1.6720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499024.98000	3732703.62000	1.6747000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499032.10000	3732710.12000	1.6718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499081.94000	3732755.55000	1.6744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499089.06000	3732762.04000	1.6742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499096.18000	3732768.53000	1.6730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499103.30000	3732775.02000	1.6746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499110.42000	3732781.51000	1.6726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499117.54000	3732788.00000	1.6727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.66000	3732794.49000	1.6701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499131.78000	3732800.98000	1.6771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499138.90000	3732807.47000	1.6823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499146.02000	3732813.96000	1.6847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499153.14000	3732820.45000	1.6831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.26000	3732826.95000	1.6749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499170.09000	3732842.68000	1.6725000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499172.80000	3732851.93000	1.6848000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499175.51000	3732861.17000	1.6979000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499178.22000	3732870.42000	1.7107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499180.94000	3732879.66000	1.7195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499183.65000	3732888.90000	1.7211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499186.36000	3732898.15000	1.7287000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499189.07000	3732907.39000	1.7383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499191.78000	3732916.64000	1.7528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499194.49000	3732925.88000	1.7626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499197.21000	3732935.13000	1.7707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499199.92000	3732944.37000	1.7854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499202.63000	3732953.62000	1.7960000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499210.76000	3732981.35000	1.8158000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499232.46000	3733055.31000	1.8857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499235.17000	3733064.56000	1.8919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499237.88000	3733073.80000	1.8935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499240.59000	3733083.05000	1.8883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499243.30000	3733092.29000	1.8829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499246.01000	3733101.54000	1.8959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499248.73000	3733110.78000	1.9102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499251.44000	3733120.03000	1.9186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499254.15000	3733129.27000	1.9249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499256.86000	3733138.51000	1.9319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499259.57000	3733147.76000	1.9480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499262.28000	3733157.00000	1.9572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499265.00000	3733166.25000	1.9570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499267.71000	3733175.49000	1.9579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499270.42000	3733184.74000	1.9669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.13000	3733193.98000	1.9754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498882.58000	3732573.81000	1.5876000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498873.83000	3732569.41000	1.5873000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498865.08000	3732565.01000	1.5868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498856.33000	3732560.61000	1.5876000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498847.58000	3732556.21000	1.5850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498838.83000	3732551.81000	1.5808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498830.08000	3732547.40000	1.5783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498803.83000	3732534.20000	1.5729000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498795.08000	3732529.80000	1.5723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498786.33000	3732525.40000	1.5713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498777.58000	3732520.99000	1.5688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498768.83000	3732516.59000	1.5682000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498760.08000	3732512.19000	1.5670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498751.33000	3732507.79000	1.5652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498742.58000	3732503.39000	1.5609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498733.83000	3732498.99000	1.5569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498725.08000	3732494.59000	1.5539000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498716.33000	3732490.18000	1.5492000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498707.57000	3732485.78000	1.5437000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498698.82000	3732481.38000	1.5378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498690.07000	3732476.98000	1.5329000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498681.32000	3732472.58000	1.5338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498672.57000	3732468.18000	1.5317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498663.82000	3732463.77000	1.5285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498655.07000	3732459.37000	1.5214000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498646.32000	3732454.97000	1.5200000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498637.57000	3732450.57000	1.5166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498628.82000	3732446.17000	1.5131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498620.07000	3732441.77000	1.5080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498611.32000	3732437.37000	1.5043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498602.57000	3732432.96000	1.4977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498593.82000	3732428.56000	1.4911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498585.07000	3732424.16000	1.4830000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498576.32000	3732419.76000	1.4733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498567.57000	3732415.36000	1.4654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498558.82000	3732410.96000	1.4602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498550.07000	3732406.55000	1.4541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498541.32000	3732402.15000	1.4495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498532.57000	3732397.75000	1.4436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498523.82000	3732393.35000	1.4397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498515.06000	3732388.95000	1.4339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498506.31000	3732384.55000	1.4283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498497.56000	3732380.14000	1.4228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498488.81000	3732375.74000	1.4190000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498951.18000	3732561.89000	1.5187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498958.33000	3732568.41000	1.5228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498965.49000	3732574.93000	1.5243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498972.64000	3732581.45000	1.5272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498979.79000	3732587.97000	1.5280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498986.94000	3732594.49000	1.5314000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498994.10000	3732601.01000	1.5353000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499001.25000	3732607.53000	1.5384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499008.40000	3732614.06000	1.5403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499015.56000	3732620.58000	1.5449000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499022.71000	3732627.10000	1.5494000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499029.86000	3732633.62000	1.5540000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499037.01000	3732640.14000	1.5549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499044.17000	3732646.66000	1.5609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499051.32000	3732653.18000	1.5656000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499058.47000	3732659.70000	1.5689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499065.63000	3732666.22000	1.5653000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499072.78000	3732672.74000	1.5632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499079.93000	3732679.26000	1.5647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499087.09000	3732685.78000	1.5689000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499094.24000	3732692.30000	1.5691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499221.29000	3732821.73000	1.5833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499224.01000	3732831.02000	1.5941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499226.74000	3732840.31000	1.6018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499229.46000	3732849.60000	1.6071000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499232.18000	3732858.88000	1.6125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499234.91000	3732868.17000	1.6209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499237.63000	3732877.46000	1.6361000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499240.36000	3732886.75000	1.6478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499243.08000	3732896.04000	1.6548000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499245.81000	3732905.32000	1.6555000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499248.53000	3732914.61000	1.6675000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499251.25000	3732923.90000	1.6783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499253.98000	3732933.19000	1.6875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499256.70000	3732942.47000	1.6955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499259.43000	3732951.76000	1.7036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499262.15000	3732961.05000	1.7099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499264.88000	3732970.34000	1.7139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499267.60000	3732979.63000	1.7172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499270.32000	3732988.91000	1.7205000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499273.05000	3732998.20000	1.7308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499275.77000	3733007.49000	1.7393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499289.39000	3733053.93000	1.7749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499292.12000	3733063.22000	1.7708000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499294.84000	3733072.50000	1.7662000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499297.57000	3733081.79000	1.7723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499300.29000	3733091.08000	1.7829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499303.01000	3733100.37000	1.7943000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499305.74000	3733109.66000	1.8030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499308.46000	3733118.94000	1.8109000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499311.19000	3733128.23000	1.8230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499313.91000	3733137.52000	1.8300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499316.64000	3733146.81000	1.8323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499319.36000	3733156.09000	1.8373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499322.08000	3733165.38000	1.8429000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499324.81000	3733174.67000	1.8507000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499327.53000	3733183.96000	1.8592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499330.26000	3733193.25000	1.8637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498941.12000	3732478.26000	1.4055000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498948.30000	3732484.81000	1.4093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498955.48000	3732491.36000	1.4188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498962.67000	3732497.90000	1.4248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498969.85000	3732504.45000	1.4269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498977.03000	3732511.00000	1.4284000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498984.21000	3732517.55000	1.4334000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498991.39000	3732524.09000	1.4346000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498998.58000	3732530.64000	1.4369000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499005.76000	3732537.19000	1.4403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499113.48000	3732635.39000	1.4745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499286.18000	3732847.48000	1.5406000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499288.92000	3732856.81000	1.5507000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499291.65000	3732866.13000	1.5558000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499294.39000	3732875.46000	1.5580000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499297.12000	3732884.78000	1.5644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499299.86000	3732894.11000	1.5740000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499302.59000	3732903.43000	1.5827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499305.33000	3732912.76000	1.5926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499308.06000	3732922.08000	1.6048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499310.80000	3732931.41000	1.6099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499313.53000	3732940.73000	1.6087000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499316.27000	3732950.06000	1.6098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499319.00000	3732959.38000	1.6138000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499321.74000	3732968.71000	1.6213000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499324.47000	3732978.03000	1.6274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499327.21000	3732987.36000	1.6331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499329.95000	3732996.68000	1.6425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499332.68000	3733006.01000	1.6559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499346.36000	3733052.63000	1.6599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499349.09000	3733061.96000	1.6590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498933.94000	3732471.72000	1.4031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498925.19000	3732467.31000	1.4014000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498916.44000	3732462.91000	1.4039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498907.69000	3732458.51000	1.4026000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.94000	3732454.11000	1.4012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498890.19000	3732449.71000	1.3986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498881.44000	3732445.31000	1.3953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498872.69000	3732440.91000	1.3932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498863.94000	3732436.50000	1.3919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498855.19000	3732432.10000	1.3911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498846.43000	3732427.70000	1.3897000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498837.68000	3732423.30000	1.3847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.93000	3732418.90000	1.3827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498820.18000	3732414.50000	1.3847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498811.43000	3732410.09000	1.3833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.68000	3732405.69000	1.3793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498793.93000	3732401.29000	1.3790000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498785.18000	3732396.89000	1.3798000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498776.43000	3732392.49000	1.3780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498767.68000	3732388.09000	1.3752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498758.93000	3732383.69000	1.3711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498750.18000	3732379.28000	1.3676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498741.43000	3732374.88000	1.3620000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498732.68000	3732370.48000	1.3564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498723.93000	3732366.08000	1.3542000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498715.18000	3732361.68000	1.3525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498706.43000	3732357.28000	1.3506000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498697.68000	3732352.87000	1.3488000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498688.93000	3732348.47000	1.3433000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498680.18000	3732344.07000	1.3423000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498671.43000	3732339.67000	1.3409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.68000	3732335.27000	1.3389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498653.93000	3732330.87000	1.3349000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498645.17000	3732326.47000	1.3316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498636.42000	3732322.06000	1.3293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498627.67000	3732317.66000	1.3256000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498618.92000	3732313.26000	1.3211000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498610.17000	3732308.86000	1.3143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498601.42000	3732304.46000	1.3078000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498592.67000	3732300.06000	1.3001000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498583.92000	3732295.65000	1.2921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498575.17000	3732291.25000	1.2881000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498566.42000	3732286.85000	1.2845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498557.67000	3732282.45000	1.2796000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498548.92000	3732278.05000	1.2769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498540.17000	3732273.65000	1.2723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498966.82000	3732427.24000	1.3274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498974.03000	3732433.81000	1.3333000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498981.24000	3732440.38000	1.3423000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498988.45000	3732446.95000	1.3467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498995.65000	3732453.52000	1.3451000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499002.86000	3732460.09000	1.3468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.07000	3732466.66000	1.3515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499017.27000	3732473.23000	1.3543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499024.48000	3732479.80000	1.3564000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499031.69000	3732486.37000	1.3597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499038.89000	3732492.94000	1.3610000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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499053.31000	3732506.08000	1.3643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499060.52000	3732512.65000	1.3671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499067.72000	3732519.22000	1.3697000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499074.93000	3732525.79000	1.3713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499082.14000	3732532.36000	1.3766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499089.34000	3732538.93000	1.3800000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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499110.96000	3732558.64000	1.3872000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499118.17000	3732565.21000	1.3870000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499125.38000	3732571.78000	1.3865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499132.59000	3732578.35000	1.3893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499351.19000	3732873.61000	1.4912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499353.93000	3732882.97000	1.5042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499356.68000	3732892.33000	1.5137000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499359.42000	3732901.69000	1.5181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499362.17000	3732911.04000	1.5164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499364.91000	3732920.40000	1.5135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499367.66000	3732929.76000	1.5191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498959.62000	3732420.67000	1.3244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498950.87000	3732416.27000	1.3238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498942.12000	3732411.86000	1.3265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498933.37000	3732407.46000	1.3258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498924.62000	3732403.06000	1.3233000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498915.87000	3732398.66000	1.3208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498907.11000	3732394.26000	1.3190000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498898.36000	3732389.86000	1.3161000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.61000	3732385.46000	1.3151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.86000	3732381.05000	1.3138000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498872.11000	3732376.65000	1.3120000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498863.36000	3732372.25000	1.3093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498854.61000	3732367.85000	1.3048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498845.86000	3732363.45000	1.3045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498837.11000	3732359.05000	1.3058000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498828.36000	3732354.64000	1.3040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.61000	3732350.24000	1.3014000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498810.86000	3732345.84000	1.3008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498802.11000	3732341.44000	1.3007000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498793.36000	3732337.04000	1.2996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498784.61000	3732332.64000	1.2974000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498775.86000	3732328.24000	1.2933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498767.11000	3732323.83000	1.2907000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498758.36000	3732319.43000	1.2860000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498749.61000	3732315.03000	1.2806000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.86000	3732310.63000	1.2780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498732.11000	3732306.23000	1.2766000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498723.36000	3732301.83000	1.2752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498714.60000	3732297.42000	1.2720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498705.85000	3732293.02000	1.2685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498697.10000	3732288.62000	1.2654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498688.35000	3732284.22000	1.2667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.60000	3732279.82000	1.2641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498670.85000	3732275.42000	1.2611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498662.10000	3732271.01000	1.2588000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498653.35000	3732266.61000	1.2560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498644.60000	3732262.21000	1.2535000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498635.85000	3732257.81000	1.2496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498627.10000	3732253.41000	1.2448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498618.35000	3732249.01000	1.2392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.60000	3732244.61000	1.2336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.85000	3732240.20000	1.2274000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498592.10000	3732235.80000	1.2210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498992.52000	3732376.21000	1.2607000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498999.75000	3732382.80000	1.2667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499006.98000	3732389.39000	1.2726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499014.21000	3732395.98000	1.2755000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499021.44000	3732402.57000	1.2734000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499028.67000	3732409.16000	1.2725000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499035.90000	3732415.75000	1.2772000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499043.13000	3732422.34000	1.2807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499050.36000	3732428.93000	1.2837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499057.59000	3732435.52000	1.2867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499064.82000	3732442.11000	1.2882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499072.05000	3732448.70000	1.2882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499079.28000	3732455.29000	1.2888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499086.51000	3732461.89000	1.2934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499093.74000	3732468.48000	1.2959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499100.97000	3732475.07000	1.2969000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499108.19000	3732481.66000	1.3002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499115.42000	3732488.25000	1.3043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499122.65000	3732494.84000	1.3066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499129.88000	3732501.43000	1.3071000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499137.11000	3732508.02000	1.3105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.47000	3732633.24000	1.3268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499281.70000	3732639.83000	1.3276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499288.93000	3732646.42000	1.3282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499296.16000	3732653.01000	1.3268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499303.39000	3732659.60000	1.3283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499310.62000	3732666.19000	1.3322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499317.85000	3732672.78000	1.3317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499325.08000	3732679.37000	1.3306000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498985.30000	3732369.62000	1.2538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498976.54000	3732365.22000	1.2533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498967.79000	3732360.82000	1.2569000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498959.04000	3732356.41000	1.2573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498950.29000	3732352.01000	1.2547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498941.54000	3732347.61000	1.2512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498932.79000	3732343.21000	1.2487000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498924.04000	3732338.81000	1.2472000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498915.29000	3732334.41000	1.2453000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498906.54000	3732330.01000	1.2446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.79000	3732325.60000	1.2425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498889.04000	3732321.20000	1.2395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498880.29000	3732316.80000	1.2371000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498871.54000	3732312.40000	1.2348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.79000	3732308.00000	1.2342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498854.04000	3732303.60000	1.2343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498845.29000	3732299.19000	1.2331000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498836.54000	3732294.79000	1.2313000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498827.79000	3732290.39000	1.2302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498819.04000	3732285.99000	1.2298000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498810.29000	3732281.59000	1.2294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498801.54000	3732277.19000	1.2267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498792.79000	3732272.79000	1.2241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498784.03000	3732268.38000	1.2209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498775.28000	3732263.98000	1.2172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498766.53000	3732259.58000	1.2127000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498757.78000	3732255.18000	1.2096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498749.03000	3732250.78000	1.2082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498740.28000	3732246.38000	1.2069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498731.53000	3732241.97000	1.2040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498722.78000	3732237.57000	1.1999000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498714.03000	3732233.17000	1.1976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498705.28000	3732228.77000	1.1974000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498696.53000	3732224.37000	1.1974000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498687.78000	3732219.97000	1.1938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498679.03000	3732215.56000	1.1921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498670.28000	3732211.16000	1.1900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498661.53000	3732206.76000	1.1874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498652.78000	3732202.36000	1.1850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498644.03000	3732197.96000	1.1806000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498635.28000	3732193.56000	1.1759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498626.53000	3732189.16000	1.1713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498617.78000	3732184.75000	1.1675000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498609.03000	3732180.35000	1.1619000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498600.28000	3732175.95000	1.1567000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498591.53000	3732171.55000	1.1504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499018.09000	3732325.06000	1.2014000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499025.21000	3732331.55000	1.2065000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499032.33000	3732338.04000	1.2089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499039.45000	3732344.53000	1.2104000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499046.57000	3732351.02000	1.2086000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499053.69000	3732357.51000	1.2059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499060.81000	3732364.00000	1.2088000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499067.93000	3732370.50000	1.2128000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499075.05000	3732376.99000	1.2156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499082.17000	3732383.48000	1.2198000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499089.29000	3732389.97000	1.2210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

499096.41000	3732396.46000	1.2219000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499103.53000	3732402.95000	1.2223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499110.65000	3732409.44000	1.2224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499117.77000	3732415.93000	1.2276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499124.89000	3732422.42000	1.2296000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499132.01000	3732428.91000	1.2309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499139.13000	3732435.40000	1.2342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499146.25000	3732441.89000	1.2365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499153.37000	3732448.38000	1.2392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499160.49000	3732454.87000	1.2404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499167.61000	3732461.36000	1.2431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499174.73000	3732467.85000	1.2445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499181.85000	3732474.34000	1.2436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499188.97000	3732480.83000	1.2431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499274.41000	3732558.72000	1.2509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499281.53000	3732565.21000	1.2512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499288.65000	3732571.70000	1.2521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499295.77000	3732578.19000	1.2518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499302.89000	3732584.68000	1.2547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499310.01000	3732591.17000	1.2582000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499317.13000	3732597.67000	1.2606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499324.25000	3732604.16000	1.2630000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499331.37000	3732610.65000	1.2622000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499338.49000	3732617.14000	1.2598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499345.61000	3732623.63000	1.2608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499352.73000	3732630.12000	1.2636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499395.44000	3732669.06000	1.2547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499402.56000	3732675.55000	1.2506000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499412.40000	3732691.29000	1.2605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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499420.53000	3732719.02000	1.2769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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499425.95000	3732737.51000	1.2861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499428.67000	3732746.76000	1.2934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499431.38000	3732756.00000	1.3036000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499434.09000	3732765.25000	1.3115000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499436.80000	3732774.49000	1.3162000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499439.51000	3732783.74000	1.3181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499442.22000	3732792.98000	1.3176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499444.94000	3732802.22000	1.3255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499447.65000	3732811.47000	1.3385000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499450.36000	3732820.71000	1.3480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499455.78000	3732839.20000	1.3559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499458.49000	3732848.45000	1.3566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499461.21000	3732857.69000	1.3576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499463.92000	3732866.94000	1.3567000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499466.63000	3732876.18000	1.3635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499469.34000	3732885.43000	1.3712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499472.05000	3732894.67000	1.3771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499010.97000	3732318.57000	1.1930000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
499002.22000	3732314.17000	1.1889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498993.47000	3732309.77000	1.1928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498984.72000	3732305.37000	1.1950000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498975.97000	3732300.96000	1.1946000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498967.22000	3732296.56000	1.1893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498958.47000	3732292.16000	1.1855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498949.72000	3732287.76000	1.1833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498932.22000	3732278.96000	1.1813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498923.47000	3732274.56000	1.1804000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498914.72000	3732270.15000	1.1770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498905.97000	3732265.75000	1.1744000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498897.22000	3732261.35000	1.1729000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498888.47000	3732256.95000	1.1717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498879.72000	3732252.55000	1.1703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498870.97000	3732248.15000	1.1695000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498862.22000	3732243.74000	1.1691000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498853.47000	3732239.34000	1.1675000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498844.71000	3732234.94000	1.1661000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498835.96000	3732230.54000	1.1659000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498827.21000	3732226.14000	1.1648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498818.46000	3732221.74000	1.1626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498809.71000	3732217.33000	1.1611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498800.96000	3732212.93000	1.1581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498792.21000	3732208.53000	1.1544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498783.46000	3732204.13000	1.1512000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498774.71000	3732199.73000	1.1481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498765.96000	3732195.33000	1.1464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498757.21000	3732190.93000	1.1452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498748.46000	3732186.52000	1.1425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498739.71000	3732182.12000	1.1380000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498730.96000	3732177.72000	1.1354000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.88000	3732996.52000	3.2204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498148.61000	3732994.59000	3.1422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498159.48000	3732987.95000	3.1448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498154.75000	3732979.40000	3.0799000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498170.28000	3732978.76000	3.1582000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.78000	3732978.23000	3.0095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498149.86000	3732970.85000	3.0203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498166.04000	3732970.18000	3.0958000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498128.35000	3732977.15000	2.9714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.87000	3732962.31000	2.9656000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.52000	3732961.62000	3.0305000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498178.16000	3732960.94000	3.0673000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.78000	3732976.32000	2.9312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.15000	3732961.52000	2.8917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498139.83000	3732953.77000	2.9112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.82000	3732953.07000	2.9688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498173.81000	3732952.37000	3.0002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.11000	3732975.66000	2.8951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.62000	3732960.62000	2.8519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498134.75000	3732945.23000	2.8568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.01000	3732944.52000	2.9072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498169.27000	3732943.81000	2.9352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498186.53000	3732943.09000	2.9717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.99000	3732959.89000	2.8133000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.60000	3732944.67000	2.7886000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498129.64000	3732936.70000	2.8034000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.12000	3732935.97000	2.8465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498164.59000	3732935.25000	2.8722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.07000	3732934.53000	2.9024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498098.29000	3732959.28000	2.7920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.99000	3732943.90000	2.7434000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498124.52000	3732928.16000	2.7536000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498142.17000	3732927.43000	2.7910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498159.82000	3732926.70000	2.8111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498177.47000	3732925.97000	2.8389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498195.12000	3732925.24000	2.9010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.18000	3732950.49000	2.7210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.01000	3732934.88000	2.6609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.43000	3732927.07000	2.6477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498114.22000	3732911.09000	2.6553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498132.15000	3732910.35000	2.6819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498150.07000	3732909.61000	2.6932000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498167.99000	3732908.87000	2.7324000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498185.92000	3732908.13000	2.7867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.84000	3732907.39000	2.8195000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498068.04000	3732941.75000	2.6520000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498072.50000	3732933.86000	2.6258000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498081.44000	3732918.07000	2.5743000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498090.37000	3732902.29000	2.5544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498103.89000	3732894.02000	2.5588000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498112.96000	3732893.64000	2.5714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498122.02000	3732893.27000	2.5770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498131.08000	3732892.90000	2.5808000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498140.14000	3732892.52000	2.5860000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498149.20000	3732892.15000	2.6009000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498158.26000	3732891.77000	2.6343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498167.32000	3732891.40000	2.6568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498176.38000	3732891.03000	2.6772000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498185.44000	3732890.65000	2.6994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498194.51000	3732890.28000	2.7142000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.57000	3732889.90000	2.7209000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498212.63000	3732889.53000	2.7255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.69000	3732889.16000	2.7400000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498043.87000	3732948.96000	2.6033000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.38000	3732941.00000	2.5898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498052.88000	3732933.04000	2.5758000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.38000	3732925.08000	2.5603000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498061.89000	3732917.12000	2.5347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498070.89000	3732901.21000	2.4970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.40000	3732893.25000	2.4881000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498079.90000	3732885.29000	2.4737000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.54000	3732876.95000	2.4649000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.68000	3732876.57000	2.4783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498111.82000	3732876.20000	2.4827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498120.95000	3732875.82000	2.4847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498130.09000	3732875.44000	2.4959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498139.23000	3732875.06000	2.5064000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498148.36000	3732874.69000	2.5410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.50000	3732874.31000	2.5643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498166.64000	3732873.93000	2.5805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498175.78000	3732873.55000	2.5981000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498184.91000	3732873.18000	2.6141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498194.05000	3732872.80000	2.6241000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.19000	3732872.42000	2.6299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498212.33000	3732872.05000	2.6377000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.46000	3732871.67000	2.6465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.60000	3732871.29000	2.6690000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498024.11000	3732948.39000	2.5458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498028.64000	3732940.38000	2.5245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498033.18000	3732932.37000	2.5189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498037.71000	3732924.36000	2.5083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498042.24000	3732916.34000	2.4895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.78000	3732908.33000	2.4706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498051.31000	3732900.32000	2.4498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498055.84000	3732892.31000	2.4364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498060.37000	3732884.30000	2.4229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498064.91000	3732876.29000	2.4102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498069.44000	3732868.27000	2.3943000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498083.17000	3732859.88000	2.3754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.37000	3732859.50000	2.3886000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498101.57000	3732859.12000	2.3977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.76000	3732858.74000	2.4024000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498119.96000	3732858.36000	2.4111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498129.16000	3732857.98000	2.4229000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498138.36000	3732857.60000	2.4510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.55000	3732857.22000	2.4761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.75000	3732856.84000	2.4945000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498165.95000	3732856.46000	2.5072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498175.15000	3732856.09000	2.5178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498184.34000	3732855.71000	2.5318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498193.54000	3732855.33000	2.5382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498202.74000	3732854.95000	2.5459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.94000	3732854.57000	2.5524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.13000	3732854.19000	2.5728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.33000	3732853.81000	2.5913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.53000	3732853.43000	2.6076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498004.30000	3732947.90000	2.5084000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498008.86000	3732939.85000	2.4820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498013.42000	3732931.79000	2.4605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498017.97000	3732923.74000	2.4448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498022.53000	3732915.68000	2.4398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.09000	3732907.63000	2.4276000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498031.64000	3732899.58000	2.4090000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498036.20000	3732891.52000	2.3879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.76000	3732883.47000	2.3713000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498045.32000	3732875.41000	2.3633000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.87000	3732867.36000	2.3500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498054.43000	3732859.31000	2.3366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498058.99000	3732851.25000	2.3172000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498072.79000	3732842.82000	2.2953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498082.04000	3732842.43000	2.3068000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498091.28000	3732842.05000	2.3186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498100.53000	3732841.67000	2.3267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.78000	3732841.29000	2.3327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498119.02000	3732840.91000	2.3442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498128.27000	3732840.52000	2.3685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.51000	3732840.14000	2.3910000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.76000	3732839.76000	2.4125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498156.01000	3732839.38000	2.4255000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498165.25000	3732839.00000	2.4317000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498174.50000	3732838.62000	2.4424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498183.74000	3732838.23000	2.4500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498192.99000	3732837.85000	2.4604000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498202.24000	3732837.47000	2.4678000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.48000	3732837.09000	2.4811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.73000	3732836.71000	2.5016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.97000	3732836.33000	2.5153000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498239.22000	3732835.94000	2.5246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.47000	3732835.56000	2.5322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497984.46000	3732947.47000	2.4671000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498016.50000	3732890.84000	2.3489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498021.08000	3732882.76000	2.3344000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498025.65000	3732874.67000	2.3145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498030.23000	3732866.58000	2.2993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498034.81000	3732858.49000	2.2908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498039.38000	3732850.40000	2.2782000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498043.96000	3732842.31000	2.2644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.54000	3732834.22000	2.2446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498062.40000	3732825.75000	2.2261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498071.69000	3732825.36000	2.2316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498080.97000	3732824.98000	2.2429000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498090.26000	3732824.60000	2.2547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498099.55000	3732824.21000	2.2622000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498108.83000	3732823.83000	2.2701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.12000	3732823.45000	2.2920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498127.41000	3732823.06000	2.3124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.69000	3732822.68000	2.3332000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.98000	3732822.30000	2.3477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498155.26000	3732821.91000	2.3543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498164.55000	3732821.53000	2.3603000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498173.84000	3732821.15000	2.3653000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498183.12000	3732820.76000	2.3779000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498192.41000	3732820.38000	2.3858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.70000	3732820.00000	2.4027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.98000	3732819.61000	2.4151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498220.27000	3732819.23000	2.4313000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.55000	3732818.85000	2.4411000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.84000	3732818.46000	2.4443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.13000	3732818.08000	2.4549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.41000	3732817.70000	2.4636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498024.31000	3732841.54000	2.2206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498028.90000	3732833.42000	2.2080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498033.50000	3732825.30000	2.1940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498038.09000	3732817.18000	2.1742000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498052.01000	3732808.68000	2.1612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498061.33000	3732808.30000	2.1670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498070.65000	3732807.91000	2.1714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498079.97000	3732807.53000	2.1852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498089.29000	3732807.14000	2.1952000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498098.61000	3732806.76000	2.2039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.93000	3732806.37000	2.2181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.25000	3732805.99000	2.2414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.57000	3732805.60000	2.2574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.89000	3732805.22000	2.2730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.21000	3732804.83000	2.2809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498154.53000	3732804.45000	2.2871000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.85000	3732804.06000	2.2885000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498173.17000	3732803.68000	2.2984000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.49000	3732803.29000	2.3094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.81000	3732802.91000	2.3256000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.13000	3732802.52000	2.3390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.45000	3732802.14000	2.3518000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.77000	3732801.76000	2.3635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.09000	3732801.37000	2.3664000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.41000	3732800.99000	2.3712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498247.73000	3732800.60000	2.3845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.05000	3732800.22000	2.3897000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498266.37000	3732799.83000	2.3906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.65000	3732800.14000	2.1072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498041.60000	3732791.62000	2.0991000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498050.95000	3732791.23000	2.1053000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498060.30000	3732790.84000	2.1091000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498069.65000	3732790.46000	2.1185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498079.00000	3732790.07000	2.1303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498088.35000	3732789.69000	2.1403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.70000	3732789.30000	2.1511000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.05000	3732788.91000	2.1730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.40000	3732788.53000	2.1905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498125.74000	3732788.14000	2.2008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.09000	3732787.76000	2.2099000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.44000	3732787.37000	2.2188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.79000	3732786.98000	2.2201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.14000	3732786.60000	2.2236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.49000	3732786.21000	2.2353000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.84000	3732785.83000	2.2500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.19000	3732785.44000	2.2672000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.53000	3732785.05000	2.2803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.88000	3732784.67000	2.2890000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.23000	3732784.28000	2.2954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.58000	3732783.90000	2.2937000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498237.93000	3732783.51000	2.3062000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498247.28000	3732783.12000	2.3165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.63000	3732782.74000	2.3169000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.98000	3732782.35000	2.3226000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498275.33000	3732781.97000	2.3267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498012.59000	3732791.27000	2.0597000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498017.21000	3732783.10000	2.0466000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498031.20000	3732774.55000	2.0414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.57000	3732774.16000	2.0468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.95000	3732773.77000	2.0525000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498059.32000	3732773.39000	2.0558000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498068.69000	3732773.00000	2.0676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498078.07000	3732772.61000	2.0788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.44000	3732772.23000	2.0886000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.82000	3732771.84000	2.1085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498106.19000	3732771.45000	2.1260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498115.56000	3732771.07000	2.1364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498124.94000	3732770.68000	2.1408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498134.31000	3732770.29000	2.1532000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498143.68000	3732769.90000	2.1559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.06000	3732769.52000	2.1570000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.43000	3732769.13000	2.1632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.80000	3732768.74000	2.1796000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.18000	3732768.36000	2.1970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.55000	3732767.97000	2.2106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.93000	3732767.58000	2.2235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.30000	3732767.20000	2.2249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498218.67000	3732766.81000	2.2277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.05000	3732766.42000	2.2308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498237.42000	3732766.03000	2.2445000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498246.79000	3732765.65000	2.2482000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.17000	3732765.26000	2.2534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.54000	3732764.87000	2.2567000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.91000	3732764.49000	2.2611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.29000	3732764.10000	2.2723000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497997.51000	3732782.42000	2.0133000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498002.14000	3732774.24000	1.9996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.77000	3732766.05000	1.9878000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498020.79000	3732757.48000	1.9864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498030.19000	3732757.09000	1.9913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498039.58000	3732756.71000	1.9980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.98000	3732756.32000	2.0018000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498058.37000	3732755.93000	2.0073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.77000	3732755.54000	2.0194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.16000	3732755.16000	2.0285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.56000	3732754.77000	2.0496000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498095.95000	3732754.38000	2.0639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498105.35000	3732753.99000	2.0747000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498114.74000	3732753.60000	2.0791000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498124.14000	3732753.22000	2.0892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498133.53000	3732752.83000	2.0941000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498142.93000	3732752.44000	2.0954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.33000	3732752.05000	2.0989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.72000	3732751.66000	2.1107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.12000	3732751.28000	2.1279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.51000	3732750.89000	2.1447000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498189.91000	3732750.50000	2.1588000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.30000	3732750.11000	2.1645000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498208.70000	3732749.72000	2.1625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498218.09000	3732749.34000	2.1640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498227.49000	3732748.95000	2.1740000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498236.88000	3732748.56000	2.1820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498246.28000	3732748.17000	2.1868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498255.67000	3732747.78000	2.1920000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.07000	3732747.40000	2.1953000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.46000	3732747.01000	2.2026000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498283.86000	3732746.62000	2.2129000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498293.25000	3732746.23000	2.2175000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497968.09000	3732767.85000	1.9394000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497972.84000	3732759.45000	1.9237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497977.59000	3732751.06000	1.9124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497982.34000	3732742.66000	1.9005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.09000	3732734.27000	1.8857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498001.48000	3732725.48000	1.8887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498011.12000	3732725.08000	1.8954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498020.75000	3732724.68000	1.9027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498030.39000	3732724.28000	1.9065000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.03000	3732723.88000	1.9108000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.66000	3732723.49000	1.9160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498059.30000	3732723.09000	1.9252000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498068.94000	3732722.69000	1.9477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498078.57000	3732722.29000	1.9621000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498088.21000	3732721.89000	1.9677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.85000	3732721.50000	1.9754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498107.49000	3732721.10000	1.9822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498117.12000	3732720.70000	1.9851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.76000	3732720.30000	1.9877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498136.40000	3732719.90000	1.9919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498146.03000	3732719.51000	2.0037000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498155.67000	3732719.11000	2.0160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498165.31000	3732718.71000	2.0319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498174.94000	3732718.31000	2.0470000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498184.58000	3732717.92000	2.0561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498194.22000	3732717.52000	2.0568000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498203.86000	3732717.12000	2.0537000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498213.49000	3732716.72000	2.0606000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498223.13000	3732716.32000	2.0670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498232.77000	3732715.93000	2.0718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498242.40000	3732715.53000	2.0815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498252.04000	3732715.13000	2.0844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498261.68000	3732714.73000	2.0893000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498271.31000	3732714.33000	2.0982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498280.95000	3732713.94000	2.1057000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498290.59000	3732713.54000	2.1092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498300.23000	3732713.14000	2.1154000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498309.86000	3732712.74000	2.1189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497939.23000	3732752.29000	1.8696000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497943.95000	3732743.95000	1.8549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497948.68000	3732735.60000	1.8390000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497953.40000	3732727.26000	1.8280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497958.12000	3732718.91000	1.8188000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497962.84000	3732710.57000	1.8082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.56000	3732702.22000	1.7985000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497981.87000	3732693.48000	1.7973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497991.45000	3732693.08000	1.8068000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498001.03000	3732692.69000	1.8149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498010.61000	3732692.29000	1.8179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498020.19000	3732691.90000	1.8243000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498029.77000	3732691.50000	1.8283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498039.35000	3732691.11000	1.8278000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.93000	3732690.71000	1.8467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498058.51000	3732690.32000	1.8641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498068.09000	3732689.92000	1.8736000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498077.67000	3732689.52000	1.8780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498087.25000	3732689.13000	1.8835000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.83000	3732688.73000	1.8892000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498106.42000	3732688.34000	1.8885000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.00000	3732687.94000	1.8913000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498125.58000	3732687.55000	1.8987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.16000	3732687.15000	1.9141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.74000	3732686.76000	1.9236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498154.32000	3732686.36000	1.9345000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.90000	3732685.96000	1.9481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498173.48000	3732685.57000	1.9571000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498183.06000	3732685.17000	1.9584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498192.64000	3732684.78000	1.9573000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498202.22000	3732684.38000	1.9599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.80000	3732683.99000	1.9650000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.38000	3732683.59000	1.9719000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.96000	3732683.20000	1.9783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.54000	3732682.80000	1.9838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498250.13000	3732682.40000	1.9887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.71000	3732682.01000	1.9969000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498269.29000	3732681.61000	2.0031000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.87000	3732681.22000	2.0071000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.45000	3732680.82000	2.0114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498298.03000	3732680.43000	2.0136000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.61000	3732680.03000	2.0205000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.19000	3732679.64000	2.0251000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.77000	3732679.24000	2.0235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497910.44000	3732736.63000	1.8143000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497915.13000	3732728.32000	1.7956000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497919.83000	3732720.02000	1.7759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497924.53000	3732711.71000	1.7658000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497929.23000	3732703.41000	1.7533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497933.93000	3732695.10000	1.7414000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497938.63000	3732686.80000	1.7308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497943.33000	3732678.49000	1.7240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497948.03000	3732670.18000	1.7176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497962.27000	3732661.48000	1.7130000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497971.80000	3732661.09000	1.7232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497981.34000	3732660.70000	1.7320000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497990.87000	3732660.30000	1.7373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498000.41000	3732659.91000	1.7441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498009.94000	3732659.52000	1.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498019.48000	3732659.12000	1.7480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498029.01000	3732658.73000	1.7533000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498038.55000	3732658.33000	1.7706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498048.08000	3732657.94000	1.7842000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.62000	3732657.55000	1.7918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.15000	3732657.15000	1.7989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.69000	3732656.76000	1.8003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.22000	3732656.37000	1.8025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498095.76000	3732655.97000	1.7999000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498105.29000	3732655.58000	1.8004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498114.83000	3732655.19000	1.8165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498124.36000	3732654.79000	1.8311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498133.90000	3732654.40000	1.8408000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498143.43000	3732654.00000	1.8480000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498152.97000	3732653.61000	1.8565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498162.50000	3732653.22000	1.8647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.04000	3732652.82000	1.8673000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.57000	3732652.43000	1.8685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498191.11000	3732652.04000	1.8706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.64000	3732651.64000	1.8728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498210.18000	3732651.25000	1.8807000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.71000	3732650.85000	1.8883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498229.25000	3732650.46000	1.8902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.78000	3732650.07000	1.8968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.32000	3732649.67000	1.9046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.85000	3732649.28000	1.9102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.39000	3732648.89000	1.9145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498276.92000	3732648.49000	1.9168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.46000	3732648.10000	1.9197000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498295.99000	3732647.71000	1.9232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498305.53000	3732647.31000	1.9301000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498315.06000	3732646.92000	1.9321000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498324.60000	3732646.52000	1.9341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498334.13000	3732646.13000	1.9387000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498343.67000	3732645.74000	1.9438000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497881.69000	3732720.88000	1.7623000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.37000	3732712.61000	1.7476000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497891.05000	3732704.34000	1.7313000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497895.73000	3732696.06000	1.7122000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497900.41000	3732687.79000	1.6965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497905.09000	3732679.52000	1.6847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497909.77000	3732671.25000	1.6745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497914.45000	3732662.97000	1.6626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497919.13000	3732654.70000	1.6515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497923.81000	3732646.43000	1.6471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497928.49000	3732638.15000	1.6419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497942.67000	3732629.49000	1.6397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497952.17000	3732629.10000	1.6452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497961.67000	3732628.70000	1.6538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497971.16000	3732628.31000	1.6615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497980.66000	3732627.92000	1.6703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497990.16000	3732627.53000	1.6733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497999.66000	3732627.14000	1.6738000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498009.15000	3732626.74000	1.6749000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498018.65000	3732626.35000	1.6868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498028.15000	3732625.96000	1.6998000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498037.65000	3732625.57000	1.7114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.14000	3732625.18000	1.7218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498056.64000	3732624.78000	1.7260000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.14000	3732624.39000	1.7250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.64000	3732624.00000	1.7208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498085.13000	3732623.61000	1.7198000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498094.63000	3732623.21000	1.7248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498104.13000	3732622.82000	1.7404000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498113.62000	3732622.43000	1.7552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498123.12000	3732622.04000	1.7627000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498132.62000	3732621.65000	1.7681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498142.12000	3732621.25000	1.7752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498151.61000	3732620.86000	1.7785000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.11000	3732620.47000	1.7818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498170.61000	3732620.08000	1.7857000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.11000	3732619.69000	1.7883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498189.60000	3732619.29000	1.7922000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.10000	3732618.90000	1.7970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498208.60000	3732618.51000	1.8046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498218.10000	3732618.12000	1.8078000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498227.59000	3732617.72000	1.8109000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498237.09000	3732617.33000	1.8180000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498246.59000	3732616.94000	1.8254000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.09000	3732616.55000	1.8300000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.58000	3732616.16000	1.8329000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498275.08000	3732615.76000	1.8315000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.58000	3732615.37000	1.8372000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498294.07000	3732614.98000	1.8422000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498303.57000	3732614.59000	1.8457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498313.07000	3732614.20000	1.8477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498322.57000	3732613.80000	1.8521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498332.06000	3732613.41000	1.8559000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498341.56000	3732613.02000	1.8557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498351.06000	3732612.63000	1.8608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498360.56000	3732612.23000	1.8628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497852.97000	3732705.07000	1.6986000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497857.64000	3732696.83000	1.6926000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497862.30000	3732688.58000	1.6817000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497866.97000	3732680.34000	1.6669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497871.63000	3732672.09000	1.6543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497876.30000	3732663.85000	1.6398000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497880.96000	3732655.60000	1.6267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497885.63000	3732647.36000	1.6112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497890.29000	3732639.11000	1.6004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497894.96000	3732630.86000	1.5894000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497899.62000	3732622.62000	1.5826000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497904.29000	3732614.37000	1.5770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497908.95000	3732606.13000	1.5707000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497923.09000	3732597.49000	1.5714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497932.55000	3732597.10000	1.5769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497942.02000	3732596.71000	1.5816000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497951.48000	3732596.32000	1.5899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497960.95000	3732595.93000	1.6002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497970.41000	3732595.54000	1.6045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497979.88000	3732595.15000	1.6051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497989.35000	3732594.76000	1.6041000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497998.81000	3732594.37000	1.6147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498008.28000	3732593.97000	1.6262000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498017.74000	3732593.58000	1.6350000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.21000	3732593.19000	1.6475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498036.67000	3732592.80000	1.6555000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.14000	3732592.41000	1.6576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498055.61000	3732592.02000	1.6538000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.07000	3732591.63000	1.6442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.54000	3732591.24000	1.6478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498084.00000	3732590.85000	1.6577000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.47000	3732590.46000	1.6703000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498102.93000	3732590.07000	1.6834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498112.40000	3732589.68000	1.6896000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498121.87000	3732589.29000	1.6957000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498131.33000	3732588.89000	1.6994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498140.80000	3732588.50000	1.7012000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498150.26000	3732588.11000	1.7039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498159.73000	3732587.72000	1.7079000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498169.19000	3732587.33000	1.7110000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498178.66000	3732586.94000	1.7173000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498188.12000	3732586.55000	1.7235000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498197.59000	3732586.16000	1.7269000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498207.06000	3732585.77000	1.7311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498216.52000	3732585.38000	1.7339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498225.99000	3732584.99000	1.7392000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498235.45000	3732584.60000	1.7452000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498244.92000	3732584.20000	1.7523000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498254.38000	3732583.81000	1.7553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498263.85000	3732583.42000	1.7539000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498273.32000	3732583.03000	1.7563000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498282.78000	3732582.64000	1.7626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498292.25000	3732582.25000	1.7668000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498301.71000	3732581.86000	1.7677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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498320.64000	3732581.08000	1.7764000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498330.11000	3732580.69000	1.7780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498339.58000	3732580.30000	1.7758000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498349.04000	3732579.91000	1.7832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498358.51000	3732579.51000	1.7847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498367.97000	3732579.12000	1.7862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498377.44000	3732578.73000	1.7909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497822.97000	3732691.54000	1.6265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497827.71000	3732683.16000	1.6270000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497832.45000	3732674.79000	1.6259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497837.19000	3732666.41000	1.6189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497841.93000	3732658.03000	1.6072000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497846.67000	3732649.66000	1.5974000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497851.41000	3732641.28000	1.5854000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497856.15000	3732632.90000	1.5751000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497860.89000	3732624.53000	1.5624000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497865.63000	3732616.15000	1.5462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497870.37000	3732607.77000	1.5330000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497875.11000	3732599.39000	1.5228000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497879.85000	3732591.02000	1.5189000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497884.58000	3732582.64000	1.5139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497889.32000	3732574.26000	1.5060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497903.68000	3732565.49000	1.5067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497913.30000	3732565.09000	1.5135000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497922.91000	3732564.69000	1.5191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497932.53000	3732564.30000	1.5238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497942.15000	3732563.90000	1.5343000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497951.77000	3732563.50000	1.5395000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497961.38000	3732563.11000	1.5411000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497971.00000	3732562.71000	1.5403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497980.62000	3732562.31000	1.5492000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497990.23000	3732561.92000	1.5627000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497999.85000	3732561.52000	1.5705000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498009.47000	3732561.12000	1.5796000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498019.08000	3732560.72000	1.5889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498028.70000	3732560.33000	1.5928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498038.32000	3732559.93000	1.5909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498047.93000	3732559.53000	1.5820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498057.55000	3732559.14000	1.5781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498067.17000	3732558.74000	1.5877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498076.78000	3732558.34000	1.6006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498086.40000	3732557.94000	1.6098000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498096.02000	3732557.55000	1.6177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498105.63000	3732557.15000	1.6231000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498115.25000	3732556.75000	1.6292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498124.87000	3732556.36000	1.6304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498134.48000	3732555.96000	1.6311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498144.10000	3732555.56000	1.6338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498153.72000	3732555.17000	1.6384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498163.34000	3732554.77000	1.6428000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498172.95000	3732554.37000	1.6517000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498182.57000	3732553.97000	1.6574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498192.19000	3732553.58000	1.6595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498201.80000	3732553.18000	1.6615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498211.42000	3732552.78000	1.6660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498221.04000	3732552.39000	1.6704000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498230.65000	3732551.99000	1.6754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498240.27000	3732551.59000	1.6823000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498249.89000	3732551.19000	1.6838000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498259.50000	3732550.80000	1.6824000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498269.12000	3732550.40000	1.6856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498278.74000	3732550.00000	1.6921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498288.35000	3732549.61000	1.6962000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498297.97000	3732549.21000	1.6968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498307.59000	3732548.81000	1.7006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498317.20000	3732548.42000	1.7040000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498326.82000	3732548.02000	1.7052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498336.44000	3732547.62000	1.7050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498346.05000	3732547.22000	1.7095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498355.67000	3732546.83000	1.7126000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498365.29000	3732546.43000	1.7145000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498374.91000	3732546.03000	1.7163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498384.52000	3732545.64000	1.7222000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498394.14000	3732545.24000	1.7217000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497794.24000	3732675.76000	1.5851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497798.96000	3732667.42000	1.5731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497803.68000	3732659.07000	1.5616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497808.40000	3732650.73000	1.5584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497813.12000	3732642.38000	1.5547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497817.85000	3732634.03000	1.5474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497822.57000	3732625.69000	1.5396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497827.29000	3732617.34000	1.5303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497832.01000	3732609.00000	1.5214000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497836.73000	3732600.65000	1.5122000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497841.46000	3732592.31000	1.4995000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497846.18000	3732583.96000	1.4845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497850.90000	3732575.62000	1.4722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497855.62000	3732567.27000	1.4608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497860.34000	3732558.92000	1.4589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497865.07000	3732550.58000	1.4545000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497869.79000	3732542.23000	1.4469000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497884.09000	3732533.49000	1.4462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497893.67000	3732533.10000	1.4534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497903.25000	3732532.70000	1.4602000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497912.83000	3732532.31000	1.4648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497922.41000	3732531.91000	1.4712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497931.99000	3732531.51000	1.4773000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497941.57000	3732531.12000	1.4802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497951.15000	3732530.72000	1.4811000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497960.74000	3732530.33000	1.4864000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497970.32000	3732529.93000	1.5002000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497979.90000	3732529.54000	1.5105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497989.48000	3732529.14000	1.5186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497999.06000	3732528.75000	1.5244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498008.64000	3732528.35000	1.5304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498018.22000	3732527.95000	1.5318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498027.80000	3732527.56000	1.5272000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498037.38000	3732527.16000	1.5175000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498046.96000	3732526.77000	1.5199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498056.54000	3732526.37000	1.5297000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498066.12000	3732525.98000	1.5419000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498075.70000	3732525.58000	1.5492000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498085.28000	3732525.19000	1.5534000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498094.86000	3732524.79000	1.5592000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498104.44000	3732524.39000	1.5641000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498114.03000	3732524.00000	1.5660000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498123.61000	3732523.60000	1.5663000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498133.19000	3732523.21000	1.5680000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498142.77000	3732522.81000	1.5716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498152.35000	3732522.42000	1.5770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.93000	3732522.02000	1.5862000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498171.51000	3732521.63000	1.5929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498181.09000	3732521.23000	1.5961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.67000	3732520.83000	1.5955000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498200.25000	3732520.44000	1.5991000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.83000	3732520.04000	1.6048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.41000	3732519.65000	1.6070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.99000	3732519.25000	1.6131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.57000	3732518.86000	1.6168000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.15000	3732518.46000	1.6165000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.74000	3732518.07000	1.6179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.32000	3732517.67000	1.6227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498276.90000	3732517.27000	1.6278000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.48000	3732516.88000	1.6308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498296.06000	3732516.48000	1.6332000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498305.64000	3732516.09000	1.6351000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498315.22000	3732515.69000	1.6367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498324.80000	3732515.30000	1.6378000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498334.38000	3732514.90000	1.6403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498343.96000	3732514.51000	1.6415000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.54000	3732514.11000	1.6456000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.12000	3732513.71000	1.6479000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498372.70000	3732513.32000	1.6483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498382.28000	3732512.92000	1.6535000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498391.86000	3732512.53000	1.6531000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498401.45000	3732512.13000	1.6535000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498411.03000	3732511.74000	1.6527000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497760.82000	3732668.25000	1.5449000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497765.53000	3732659.94000	1.5402000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497770.24000	3732651.62000	1.5320000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497774.94000	3732643.30000	1.5212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497779.65000	3732634.98000	1.5118000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497784.36000	3732626.66000	1.5006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497789.06000	3732618.35000	1.4919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497793.77000	3732610.03000	1.4889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497798.48000	3732601.71000	1.4831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497803.18000	3732593.39000	1.4757000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497807.89000	3732585.07000	1.4679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497812.60000	3732576.75000	1.4617000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497817.30000	3732568.44000	1.4521000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497822.01000	3732560.12000	1.4400000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497826.71000	3732551.80000	1.4284000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497831.42000	3732543.48000	1.4163000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497836.13000	3732535.16000	1.4075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497840.83000	3732526.85000	1.4023000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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497864.50000	3732501.50000	1.3906000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497874.05000	3732501.10000	1.3966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497883.60000	3732500.71000	1.4041000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497893.15000	3732500.31000	1.4095000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497902.70000	3732499.92000	1.4155000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497912.25000	3732499.53000	1.4183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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497931.35000	3732498.74000	1.4249000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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497950.45000	3732497.95000	1.4420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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497969.54000	3732497.16000	1.4632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497979.09000	3732496.77000	1.4690000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497988.64000	3732496.37000	1.4716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497998.19000	3732495.98000	1.4741000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.74000	3732495.58000	1.4729000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498017.29000	3732495.19000	1.4662000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.84000	3732494.79000	1.4639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498036.39000	3732494.40000	1.4666000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498045.94000	3732494.01000	1.4770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498055.49000	3732493.61000	1.4888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.04000	3732493.22000	1.4944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.59000	3732492.82000	1.4954000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498084.14000	3732492.43000	1.4987000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.68000	3732492.03000	1.5035000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498103.23000	3732491.64000	1.5051000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498112.78000	3732491.25000	1.5071000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498122.33000	3732490.85000	1.5081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498131.88000	3732490.46000	1.5096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498141.43000	3732490.06000	1.5159000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498150.98000	3732489.67000	1.5244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498160.53000	3732489.27000	1.5322000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498170.08000	3732488.88000	1.5362000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498179.63000	3732488.49000	1.5370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498189.18000	3732488.09000	1.5366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498198.73000	3732487.70000	1.5424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498208.28000	3732487.30000	1.5459000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498217.83000	3732486.91000	1.5497000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498227.37000	3732486.51000	1.5528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498236.92000	3732486.12000	1.5541000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498246.47000	3732485.73000	1.5560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498256.02000	3732485.33000	1.5581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498265.57000	3732484.94000	1.5642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498275.12000	3732484.54000	1.5677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.67000	3732484.15000	1.5706000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498294.22000	3732483.75000	1.5728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498303.77000	3732483.36000	1.5727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498313.32000	3732482.97000	1.5740000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498322.87000	3732482.57000	1.5769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498332.42000	3732482.18000	1.5788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498341.97000	3732481.78000	1.5795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498351.51000	3732481.39000	1.5830000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498361.06000	3732480.99000	1.5852000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.61000	3732480.60000	1.5867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.16000	3732480.21000	1.5887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.71000	3732479.81000	1.5894000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498399.26000	3732479.42000	1.5908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498408.81000	3732479.02000	1.5899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498418.36000	3732478.63000	1.5879000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498427.91000	3732478.23000	1.5855000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497717.21000	3732643.91000	1.4733000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497721.91000	3732635.61000	1.4665000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497726.60000	3732627.32000	1.4611000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497731.29000	3732619.02000	1.4562000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497735.99000	3732610.73000	1.4504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497740.68000	3732602.43000	1.4409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497745.37000	3732594.14000	1.4335000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497750.07000	3732585.85000	1.4230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.76000	3732577.55000	1.4149000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497759.45000	3732569.26000	1.4030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497764.14000	3732560.96000	1.3976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497768.84000	3732552.67000	1.3935000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497773.53000	3732544.37000	1.3868000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497778.22000	3732536.08000	1.3820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497782.92000	3732527.78000	1.3765000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497787.61000	3732519.49000	1.3677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497792.30000	3732511.19000	1.3565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497797.00000	3732502.90000	1.3487000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497801.69000	3732494.61000	1.3397000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497806.38000	3732486.31000	1.3327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497811.08000	3732478.02000	1.3259000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497815.77000	3732469.72000	1.3184000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497820.46000	3732461.43000	1.3132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497834.68000	3732452.74000	1.3147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497844.20000	3732452.35000	1.3181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497853.72000	3732451.95000	1.3239000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497863.24000	3732451.56000	1.3303000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497872.77000	3732451.17000	1.3374000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497882.29000	3732450.77000	1.3403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497891.81000	3732450.38000	1.3412000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497901.33000	3732449.99000	1.3438000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497910.85000	3732449.59000	1.3469000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497920.38000	3732449.20000	1.3599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497929.90000	3732448.81000	1.3722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497939.42000	3732448.42000	1.3832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497948.94000	3732448.02000	1.3917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497958.46000	3732447.63000	1.3959000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.99000	3732447.24000	1.3961000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497977.51000	3732446.84000	1.3938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.03000	3732446.45000	1.3905000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497996.55000	3732446.06000	1.3865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498006.07000	3732445.66000	1.3900000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498015.60000	3732445.27000	1.3939000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498025.12000	3732444.88000	1.4027000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498034.64000	3732444.48000	1.4105000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498044.16000	3732444.09000	1.4160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498053.69000	3732443.70000	1.4177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498063.21000	3732443.30000	1.4139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498072.73000	3732442.91000	1.4157000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498082.25000	3732442.52000	1.4192000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498091.77000	3732442.12000	1.4232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498101.30000	3732441.73000	1.4252000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498110.82000	3732441.34000	1.4253000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498120.34000	3732440.95000	1.4288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498129.86000	3732440.55000	1.4326000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498139.38000	3732440.16000	1.4420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498148.91000	3732439.77000	1.4489000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498158.43000	3732439.37000	1.4528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498167.95000	3732438.98000	1.4551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498177.47000	3732438.59000	1.4549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498186.99000	3732438.19000	1.4567000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498196.52000	3732437.80000	1.4609000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498206.04000	3732437.41000	1.4645000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498215.56000	3732437.01000	1.4657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498225.08000	3732436.62000	1.4665000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498234.61000	3732436.23000	1.4693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498244.13000	3732435.83000	1.4724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498253.65000	3732435.44000	1.4779000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498263.17000	3732435.05000	1.4814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498272.69000	3732434.65000	1.4833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498282.22000	3732434.26000	1.4865000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498291.74000	3732433.87000	1.4872000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498301.26000	3732433.48000	1.4853000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498310.78000	3732433.08000	1.4877000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498320.30000	3732432.69000	1.4911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498329.83000	3732432.30000	1.4928000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498339.35000	3732431.90000	1.4951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498348.87000	3732431.51000	1.4965000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498358.39000	3732431.12000	1.4968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498367.91000	3732430.72000	1.4999000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498377.44000	3732430.33000	1.5008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498386.96000	3732429.94000	1.4997000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498396.48000	3732429.54000	1.5017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498406.00000	3732429.15000	1.5010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498415.53000	3732428.76000	1.5010000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498425.05000	3732428.36000	1.4976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498434.57000	3732427.97000	1.4980000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498444.09000	3732427.58000	1.4976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498453.61000	3732427.19000	1.4989000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497671.94000	3732622.51000	1.4050000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497676.68000	3732614.12000	1.4004000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497681.43000	3732605.73000	1.3973000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497686.18000	3732597.34000	1.3927000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497690.92000	3732588.95000	1.3894000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497695.67000	3732580.56000	1.3831000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497700.42000	3732572.17000	1.3750000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497705.16000	3732563.78000	1.3676000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497709.91000	3732555.39000	1.3615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497714.66000	3732547.00000	1.3544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497719.40000	3732538.61000	1.3479000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497724.15000	3732530.22000	1.3391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497728.90000	3732521.83000	1.3279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497733.65000	3732513.44000	1.3170000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497738.39000	3732505.05000	1.3119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497743.14000	3732496.66000	1.3077000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497747.89000	3732488.27000	1.3048000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497752.63000	3732479.88000	1.2994000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497757.38000	3732471.49000	1.2917000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497762.13000	3732463.10000	1.2839000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497766.87000	3732454.71000	1.2774000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497771.62000	3732446.32000	1.2712000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497776.37000	3732437.93000	1.2654000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497781.12000	3732429.54000	1.2581000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497785.86000	3732421.15000	1.2499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497790.61000	3732412.76000	1.2431000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497804.99000	3732403.98000	1.2458000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497814.62000	3732403.58000	1.2490000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497824.25000	3732403.18000	1.2530000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497833.88000	3732402.78000	1.2574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497843.51000	3732402.39000	1.2651000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497853.14000	3732401.99000	1.2698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497862.78000	3732401.59000	1.2718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497872.41000	3732401.19000	1.2710000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497882.04000	3732400.80000	1.2729000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497891.67000	3732400.40000	1.2848000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497901.30000	3732400.00000	1.2991000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497910.93000	3732399.60000	1.3124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497920.56000	3732399.21000	1.3210000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497930.20000	3732398.81000	1.3261000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497939.83000	3732398.41000	1.3285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497949.46000	3732398.01000	1.3264000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497959.09000	3732397.61000	1.3204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497968.72000	3732397.22000	1.3157000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497978.35000	3732396.82000	1.3213000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497987.98000	3732396.42000	1.3279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497997.61000	3732396.02000	1.3309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498007.25000	3732395.63000	1.3376000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498016.88000	3732395.23000	1.3420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498026.51000	3732394.83000	1.3448000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498036.14000	3732394.43000	1.3450000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498045.77000	3732394.04000	1.3406000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498055.40000	3732393.64000	1.3383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498065.03000	3732393.24000	1.3427000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498074.67000	3732392.84000	1.3474000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498084.30000	3732392.45000	1.3498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498093.93000	3732392.05000	1.3516000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498103.56000	3732391.65000	1.3543000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498113.19000	3732391.25000	1.3576000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498122.82000	3732390.85000	1.3620000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498132.45000	3732390.46000	1.3695000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498142.08000	3732390.06000	1.3748000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498151.72000	3732389.66000	1.3792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498161.35000	3732389.26000	1.3805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498170.98000	3732388.87000	1.3814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498180.61000	3732388.47000	1.3819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498190.24000	3732388.07000	1.3848000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498199.87000	3732387.67000	1.3880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498209.50000	3732387.28000	1.3885000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498219.14000	3732386.88000	1.3902000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498228.77000	3732386.48000	1.3929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498238.40000	3732386.08000	1.3978000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498248.03000	3732385.68000	1.4025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498257.66000	3732385.29000	1.4043000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498267.29000	3732384.89000	1.4069000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498276.92000	3732384.49000	1.4089000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498286.56000	3732384.09000	1.4092000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498296.19000	3732383.70000	1.4073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498305.82000	3732383.30000	1.4101000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498315.45000	3732382.90000	1.4123000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498325.08000	3732382.50000	1.4148000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498334.71000	3732382.11000	1.4176000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498344.34000	3732381.71000	1.4177000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498353.97000	3732381.31000	1.4181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498363.61000	3732380.91000	1.4201000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498373.24000	3732380.52000	1.4217000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498382.87000	3732380.12000	1.4204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498392.50000	3732379.72000	1.4204000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498402.13000	3732379.32000	1.4203000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498411.76000	3732378.92000	1.4219000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498421.39000	3732378.53000	1.4199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498431.03000	3732378.13000	1.4190000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498440.66000	3732377.73000	1.4194000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498450.29000	3732377.33000	1.4183000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498459.92000	3732376.94000	1.4202000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498469.55000	3732376.54000	1.4215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498479.18000	3732376.14000	1.4205000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497628.32000	3732598.17000	1.3410000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497633.05000	3732589.81000	1.3368000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497637.78000	3732581.44000	1.3329000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.52000	3732573.08000	1.3277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497647.25000	3732564.71000	1.3250000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497651.98000	3732556.35000	1.3231000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497656.71000	3732547.99000	1.3212000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497661.45000	3732539.62000	1.3156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497666.18000	3732531.26000	1.3076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497670.91000	3732522.89000	1.2966000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497675.64000	3732514.53000	1.2943000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497680.38000	3732506.17000	1.2885000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497685.11000	3732497.80000	1.2833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497689.84000	3732489.44000	1.2765000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497694.57000	3732481.08000	1.2683000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497699.30000	3732472.71000	1.2585000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497704.04000	3732464.35000	1.2451000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497708.77000	3732455.98000	1.2417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497713.50000	3732447.62000	1.2429000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497718.23000	3732439.26000	1.2409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497722.97000	3732430.89000	1.2355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497727.70000	3732422.53000	1.2280000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497732.43000	3732414.16000	1.2218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497737.16000	3732405.80000	1.2160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497741.90000	3732397.44000	1.2076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497746.63000	3732389.07000	1.2028000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497751.36000	3732380.71000	1.1967000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497756.09000	3732372.34000	1.1889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497760.83000	3732363.98000	1.1837000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497775.16000	3732355.22000	1.1819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497784.76000	3732354.82000	1.1858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497794.36000	3732354.43000	1.1898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497803.96000	3732354.03000	1.1922000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497813.57000	3732353.63000	1.1983000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497823.17000	3732353.24000	1.2038000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497832.77000	3732352.84000	1.2073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497842.37000	3732352.45000	1.2074000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497851.97000	3732352.05000	1.2073000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497861.57000	3732351.65000	1.2147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497871.18000	3732351.26000	1.2283000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497880.78000	3732350.86000	1.2435000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497890.38000	3732350.46000	1.2547000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497899.98000	3732350.07000	1.2614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497909.58000	3732349.67000	1.2643000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497919.19000	3732349.27000	1.2652000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497928.79000	3732348.88000	1.2628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497938.39000	3732348.48000	1.2566000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497947.99000	3732348.08000	1.2586000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497957.59000	3732347.69000	1.2632000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497967.19000	3732347.29000	1.2690000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497976.80000	3732346.90000	1.2698000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497986.40000	3732346.50000	1.2752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497996.00000	3732346.10000	1.2793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498005.60000	3732345.71000	1.2802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498015.20000	3732345.31000	1.2783000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498024.80000	3732344.91000	1.2746000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498034.41000	3732344.52000	1.2697000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498044.01000	3732344.12000	1.2724000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498053.61000	3732343.72000	1.2760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498063.21000	3732343.33000	1.2797000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498072.81000	3732342.93000	1.2822000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498082.41000	3732342.53000	1.2861000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498092.02000	3732342.14000	1.2888000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498101.62000	3732341.74000	1.2908000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498111.22000	3732341.35000	1.2940000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498120.82000	3732340.95000	1.3000000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498130.42000	3732340.55000	1.3060000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498140.02000	3732340.16000	1.3106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498149.63000	3732339.76000	1.3116000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498159.23000	3732339.36000	1.3125000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498168.83000	3732338.97000	1.3139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498178.43000	3732338.57000	1.3131000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498188.03000	3732338.17000	1.3166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498197.63000	3732337.78000	1.3186000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498207.24000	3732337.38000	1.3199000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498216.84000	3732336.98000	1.3224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498226.44000	3732336.59000	1.3268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498236.04000	3732336.19000	1.3302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498245.64000	3732335.80000	1.3336000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498255.25000	3732335.40000	1.3350000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498264.85000	3732335.00000	1.3386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498274.45000	3732334.61000	1.3386000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498284.05000	3732334.21000	1.3367000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498293.65000	3732333.81000	1.3383000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498303.25000	3732333.42000	1.3407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498312.86000	3732333.02000	1.3415000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498322.46000	3732332.62000	1.3443000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498332.06000	3732332.23000	1.3468000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498341.66000	3732331.83000	1.3464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498351.26000	3732331.43000	1.3467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498360.86000	3732331.04000	1.3484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498370.47000	3732330.64000	1.3499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498380.07000	3732330.24000	1.3493000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498389.67000	3732329.85000	1.3465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498399.27000	3732329.45000	1.3471000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497584.72000	3732573.80000	1.2883000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497589.44000	3732565.45000	1.2828000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497594.16000	3732557.11000	1.2754000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497598.88000	3732548.77000	1.2728000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.60000	3732540.43000	1.2695000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497608.32000	3732532.09000	1.2646000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497613.04000	3732523.74000	1.2608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497617.76000	3732515.40000	1.2598000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497622.48000	3732507.06000	1.2574000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497627.20000	3732498.72000	1.2528000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497631.92000	3732490.38000	1.2462000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497636.64000	3732482.04000	1.2373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.36000	3732473.69000	1.2312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497646.08000	3732465.35000	1.2267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497650.80000	3732457.01000	1.2224000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497655.52000	3732448.67000	1.2181000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497660.24000	3732440.33000	1.2119000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497664.96000	3732431.99000	1.2039000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497669.68000	3732423.64000	1.1930000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497674.40000	3732415.30000	1.1803000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497679.12000	3732406.96000	1.1836000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497683.84000	3732398.62000	1.1856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497688.56000	3732390.28000	1.1844000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497693.28000	3732381.93000	1.1805000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497698.00000	3732373.59000	1.1763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497702.72000	3732365.25000	1.1735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497707.44000	3732356.91000	1.1687000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497712.16000	3732348.57000	1.1621000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497716.88000	3732340.23000	1.1556000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497721.60000	3732331.88000	1.1478000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497726.32000	3732323.54000	1.1391000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497731.04000	3732315.20000	1.1302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497745.34000	3732306.46000	1.1236000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497754.91000	3732306.07000	1.1271000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497764.49000	3732305.67000	1.1318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497774.06000	3732305.28000	1.1347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497783.64000	3732304.88000	1.1389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497793.22000	3732304.49000	1.1428000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497802.79000	3732304.09000	1.1467000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497812.37000	3732303.70000	1.1483000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497821.95000	3732303.30000	1.1484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497831.52000	3732302.90000	1.1552000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497841.10000	3732302.51000	1.1631000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497850.67000	3732302.11000	1.1780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497860.25000	3732301.72000	1.1912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497869.83000	3732301.32000	1.2003000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497879.40000	3732300.93000	1.2059000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497888.98000	3732300.53000	1.2076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497898.56000	3732300.14000	1.2067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497908.13000	3732299.74000	1.2042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497917.71000	3732299.35000	1.2070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497927.29000	3732298.95000	1.2082000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497936.86000	3732298.56000	1.2107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497946.44000	3732298.16000	1.2139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497956.01000	3732297.76000	1.2144000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497965.59000	3732297.37000	1.2179000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497975.17000	3732296.97000	1.2218000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497984.74000	3732296.58000	1.2219000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497994.32000	3732296.18000	1.2187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498003.90000	3732295.79000	1.2132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498013.47000	3732295.39000	1.2081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498023.05000	3732295.00000	1.2106000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498032.62000	3732294.60000	1.2132000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498042.20000	3732294.21000	1.2139000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498051.78000	3732293.81000	1.2180000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498061.35000	3732293.42000	1.2220000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498070.93000	3732293.02000	1.2267000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498080.51000	3732292.62000	1.2285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498090.08000	3732292.23000	1.2292000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498099.66000	3732291.83000	1.2327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498109.24000	3732291.44000	1.2366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498118.81000	3732291.04000	1.2434000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498128.39000	3732290.65000	1.2470000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498137.96000	3732290.25000	1.2481000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498147.54000	3732289.86000	1.2498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498157.12000	3732289.46000	1.2513000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498166.69000	3732289.07000	1.2506000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498176.27000	3732288.67000	1.2510000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498185.85000	3732288.28000	1.2545000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498195.42000	3732287.88000	1.2571000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498205.00000	3732287.48000	1.2590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498214.57000	3732287.09000	1.2614000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498224.15000	3732286.69000	1.2639000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498233.73000	3732286.30000	1.2677000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498243.30000	3732285.90000	1.2701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498252.88000	3732285.51000	1.2735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498262.46000	3732285.11000	1.2750000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498272.03000	3732284.72000	1.2730000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498281.61000	3732284.32000	1.2726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498291.19000	3732283.93000	1.2759000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498482.71000	3732276.02000	1.2827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498492.29000	3732275.62000	1.2802000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498501.86000	3732275.23000	1.2793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498511.44000	3732274.83000	1.2772000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498521.02000	3732274.44000	1.2767000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498530.59000	3732274.04000	1.2747000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.90000	3733191.00000	1.7843000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.83000	3733200.66000	1.8041000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497337.76000	3733210.31000	1.8193000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.68000	3733219.96000	1.8307000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.61000	3733229.62000	1.8497000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.54000	3733239.27000	1.8599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.46000	3733248.93000	1.8612000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497536.44000	3732557.71000	1.2495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497541.15000	3732549.39000	1.2424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497545.85000	3732541.07000	1.2333000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497550.56000	3732532.75000	1.2294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497555.27000	3732524.42000	1.2245000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497559.98000	3732516.10000	1.2185000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497564.69000	3732507.78000	1.2147000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497569.40000	3732499.46000	1.2102000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497574.11000	3732491.13000	1.2067000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497578.82000	3732482.81000	1.2053000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497583.53000	3732474.49000	1.2025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497588.24000	3732466.17000	1.2000000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497592.94000	3732457.84000	1.1968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497597.65000	3732449.52000	1.1912000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497602.36000	3732441.20000	1.1834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497607.07000	3732432.88000	1.1772000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497611.78000	3732424.55000	1.1688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497616.49000	3732416.23000	1.1657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497621.20000	3732407.91000	1.1628000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497625.91000	3732399.58000	1.1586000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497630.62000	3732391.26000	1.1523000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497635.33000	3732382.94000	1.1433000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497640.03000	3732374.62000	1.1327000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497644.74000	3732366.29000	1.1240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497649.45000	3732357.97000	1.1293000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497654.16000	3732349.65000	1.1319000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497658.87000	3732341.33000	1.1316000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497663.58000	3732333.00000	1.1288000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497668.29000	3732324.68000	1.1287000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497673.00000	3732316.36000	1.1279000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497677.71000	3732308.04000	1.1238000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497682.42000	3732299.71000	1.1197000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497687.12000	3732291.39000	1.1146000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497691.83000	3732283.07000	1.1083000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497696.54000	3732274.75000	1.1016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497701.25000	3732266.42000	1.0933000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497715.51000	3732257.71000	1.0771000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497725.07000	3732257.31000	1.0731000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497734.62000	3732256.92000	1.0780000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497744.18000	3732256.52000	1.0815000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.73000	3732256.13000	1.0856000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497763.29000	3732255.73000	1.0882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497772.84000	3732255.34000	1.0911000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497782.39000	3732254.94000	1.0929000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.95000	3732254.55000	1.0936000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497801.50000	3732254.16000	1.1006000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497811.06000	3732253.76000	1.1070000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497820.61000	3732253.37000	1.1187000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497830.17000	3732252.97000	1.1309000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497839.72000	3732252.58000	1.1425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497849.27000	3732252.18000	1.1509000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497858.83000	3732251.79000	1.1553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497868.38000	3732251.39000	1.1565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497877.94000	3732251.00000	1.1544000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497887.49000	3732250.61000	1.1583000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497897.05000	3732250.21000	1.1625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497906.60000	3732249.82000	1.1635000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497916.15000	3732249.42000	1.1638000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497925.71000	3732249.03000	1.1656000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497935.26000	3732248.63000	1.1640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497944.82000	3732248.24000	1.1670000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497954.37000	3732247.84000	1.1693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497963.93000	3732247.45000	1.1693000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497973.48000	3732247.06000	1.1657000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497983.03000	3732246.66000	1.1594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497992.59000	3732246.27000	1.1531000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498002.14000	3732245.87000	1.1539000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498011.70000	3732245.48000	1.1575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498021.25000	3732245.08000	1.1585000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498030.81000	3732244.69000	1.1589000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498040.36000	3732244.29000	1.1634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498049.92000	3732243.90000	1.1688000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498059.47000	3732243.51000	1.1716000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498069.02000	3732243.11000	1.1717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498078.58000	3732242.72000	1.1722000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498088.13000	3732242.32000	1.1769000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498097.69000	3732241.93000	1.1809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

498107.24000	3732241.53000	1.1850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498116.80000	3732241.14000	1.1882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498126.35000	3732240.74000	1.1895000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498135.90000	3732240.35000	1.1919000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498145.46000	3732239.95000	1.1934000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498155.01000	3732239.56000	1.1931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498164.57000	3732239.17000	1.1922000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498174.12000	3732238.77000	1.1951000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498183.68000	3732238.38000	1.1996000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.69000	3733200.22000	1.7384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.61000	3733209.88000	1.7603000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.54000	3733219.53000	1.7745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.47000	3733229.19000	1.7814000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.39000	3733238.84000	1.7816000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.32000	3733248.49000	1.7774000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497495.70000	3732528.29000	1.2008000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497500.45000	3732519.89000	1.1968000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497505.20000	3732511.50000	1.1909000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497509.95000	3732503.11000	1.1829000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497514.70000	3732494.71000	1.1763000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497519.45000	3732486.32000	1.1727000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497524.19000	3732477.93000	1.1681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497528.94000	3732469.53000	1.1634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497533.69000	3732461.14000	1.1572000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497538.44000	3732452.75000	1.1545000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497543.19000	3732444.35000	1.1539000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497547.94000	3732435.96000	1.1519000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497552.69000	3732427.57000	1.1484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497557.44000	3732419.17000	1.1464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497562.19000	3732410.78000	1.1421000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497566.94000	3732402.39000	1.1357000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497571.68000	3732393.99000	1.1304000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497576.43000	3732385.60000	1.1230000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497581.18000	3732377.21000	1.1151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497585.93000	3732368.81000	1.1111000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497590.68000	3732360.42000	1.1085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497595.43000	3732352.03000	1.1046000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497600.18000	3732343.63000	1.0977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497604.93000	3732335.24000	1.0889000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497609.68000	3732326.85000	1.0787000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497614.43000	3732318.45000	1.0720000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497619.17000	3732310.06000	1.0777000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497623.92000	3732301.67000	1.0813000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497628.67000	3732293.28000	1.0819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497633.42000	3732284.88000	1.0820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497638.17000	3732276.49000	1.0847000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497642.92000	3732268.10000	1.0858000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497647.67000	3732259.70000	1.0845000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497652.42000	3732251.31000	1.0827000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497657.17000	3732242.92000	1.0786000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497661.91000	3732234.52000	1.0735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497666.66000	3732226.13000	1.0669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497671.41000	3732217.74000	1.0595000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497685.80000	3732208.94000	1.0441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497695.43000	3732208.55000	1.0365000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497705.07000	3732208.15000	1.0302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497714.70000	3732207.75000	1.0318000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497724.34000	3732207.35000	1.0362000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497733.97000	3732206.96000	1.0394000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497743.61000	3732206.56000	1.0409000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497753.24000	3732206.16000	1.0424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497762.88000	3732205.76000	1.0424000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497772.52000	3732205.36000	1.0502000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497782.15000	3732204.97000	1.0578000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497791.79000	3732204.57000	1.0695000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497801.42000	3732204.17000	1.0821000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497811.06000	3732203.77000	1.0931000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497820.69000	3732203.38000	1.1025000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497830.33000	3732202.98000	1.1085000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497839.96000	3732202.58000	1.1112000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497849.60000	3732202.18000	1.1109000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497859.23000	3732201.78000	1.1156000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497868.87000	3732201.39000	1.1206000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497878.51000	3732200.99000	1.1237000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497888.14000	3732200.59000	1.1246000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497897.78000	3732200.19000	1.1244000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497907.41000	3732199.79000	1.1227000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497917.05000	3732199.40000	1.1223000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497926.68000	3732199.00000	1.1240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497936.32000	3732198.60000	1.1234000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497945.95000	3732198.20000	1.1216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497955.59000	3732197.81000	1.1173000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497965.22000	3732197.41000	1.1107000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497974.86000	3732197.01000	1.1042000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497984.49000	3732196.61000	1.1045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497994.13000	3732196.21000	1.1081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498003.77000	3732195.82000	1.1096000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498013.40000	3732195.42000	1.1110000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498023.04000	3732195.02000	1.1124000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
498032.67000	3732194.62000	1.1180000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.72000	3733045.32000	1.4265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.64000	3733054.97000	1.4389000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.57000	3733064.63000	1.4515000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.50000	3733074.28000	1.4584000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.42000	3733083.94000	1.4623000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.35000	3733093.59000	1.4702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.28000	3733103.25000	1.4788000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.20000	3733112.90000	1.5045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.13000	3733122.55000	1.5265000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497224.06000	3733132.21000	1.5469000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.99000	3733141.86000	1.5636000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.91000	3733151.52000	1.5859000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.84000	3733161.17000	1.6080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.77000	3733170.83000	1.6248000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.69000	3733180.48000	1.6494000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.62000	3733190.14000	1.6711000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.55000	3733199.79000	1.6880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.47000	3733209.44000	1.6993000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.40000	3733219.10000	1.7047000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.33000	3733228.75000	1.7049000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.25000	3733238.41000	1.7045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.18000	3733248.06000	1.6976000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497447.39000	3732512.26000	1.1648000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497452.12000	3732503.88000	1.1585000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497456.86000	3732495.51000	1.1522000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497461.60000	3732487.14000	1.1491000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497466.34000	3732478.76000	1.1451000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497471.07000	3732470.39000	1.1396000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497475.81000	3732462.02000	1.1339000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497480.55000	3732453.64000	1.1277000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497485.29000	3732445.27000	1.1215000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497490.02000	3732436.90000	1.1191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497494.76000	3732428.52000	1.1141000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497499.50000	3732420.15000	1.1066000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497504.24000	3732411.78000	1.1052000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497508.97000	3732403.40000	1.1044000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497513.71000	3732395.03000	1.1041000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497518.45000	3732386.66000	1.1016000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497523.19000	3732378.29000	1.0982000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497527.92000	3732369.91000	1.0944000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497532.66000	3732361.54000	1.0890000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497537.40000	3732353.17000	1.0851000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497542.14000	3732344.79000	1.0792000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497546.87000	3732336.42000	1.0718000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497551.61000	3732328.05000	1.0640000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497556.35000	3732319.67000	1.0605000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497561.09000	3732311.30000	1.0579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497565.82000	3732302.93000	1.0526000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497570.56000	3732294.55000	1.0457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497575.30000	3732286.18000	1.0370000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497580.04000	3732277.81000	1.0299000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497584.77000	3732269.44000	1.0239000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497589.51000	3732261.06000	1.0308000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497594.25000	3732252.69000	1.0355000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497598.99000	3732244.32000	1.0373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497603.72000	3732235.94000	1.0436000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497608.46000	3732227.57000	1.0484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497613.20000	3732219.20000	1.0505000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497617.94000	3732210.82000	1.0508000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497622.68000	3732202.45000	1.0501000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497627.41000	3732194.08000	1.0477000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497632.15000	3732185.70000	1.0440000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497636.89000	3732177.33000	1.0373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497641.63000	3732168.96000	1.0294000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497655.98000	3732160.19000	1.0160000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497665.59000	3732159.79000	1.0093000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497675.20000	3732159.39000	1.0030000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497684.81000	3732159.00000	9.9466000e-06	-99	-99	-99	1-HR	ALL	1ST	00000000
497694.42000	3732158.60000	9.9194000e-06	-99	-99	-99	1-HR	ALL	1ST	00000000
497704.04000	3732158.20000	9.9391000e-06	-99	-99	-99	1-HR	ALL	1ST	00000000
497713.65000	3732157.81000	9.9605000e-06	-99	-99	-99	1-HR	ALL	1ST	00000000
497723.26000	3732157.41000	9.9621000e-06	-99	-99	-99	1-HR	ALL	1ST	00000000
497732.87000	3732157.01000	9.9605000e-06	-99	-99	-99	1-HR	ALL	1ST	00000000
497742.49000	3732156.62000	1.0020000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497752.10000	3732156.22000	1.0114000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497761.71000	3732155.82000	1.0222000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497771.32000	3732155.43000	1.0364000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497780.93000	3732155.03000	1.0475000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497790.55000	3732154.63000	1.0565000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497800.16000	3732154.23000	1.0634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497809.77000	3732153.84000	1.0685000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497819.38000	3732153.44000	1.0702000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497829.00000	3732153.04000	1.0750000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497838.61000	3732152.65000	1.0809000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497848.22000	3732152.25000	1.0846000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497857.83000	3732151.85000	1.0875000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497867.45000	3732151.46000	1.0882000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497877.06000	3732151.06000	1.0876000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497886.67000	3732150.66000	1.0839000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497896.28000	3732150.27000	1.0834000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497905.89000	3732149.87000	1.0832000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497915.51000	3732149.47000	1.0819000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497925.12000	3732149.08000	1.0781000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497934.73000	3732148.68000	1.0739000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497944.34000	3732148.28000	1.0681000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497953.96000	3732147.88000	1.0608000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.58000	3733044.89000	1.3818000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.50000	3733054.54000	1.3874000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.43000	3733064.19000	1.3918000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.36000	3733073.85000	1.3970000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.28000	3733083.50000	1.4013000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.21000	3733093.16000	1.4166000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.14000	3733102.81000	1.4400000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497167.06000	3733112.47000	1.4599000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.99000	3733122.12000	1.4793000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.92000	3733131.78000	1.4988000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.84000	3733141.43000	1.5216000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.77000	3733151.08000	1.5420000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.70000	3733160.74000	1.5679000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.62000	3733170.39000	1.5898000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.55000	3733180.05000	1.6076000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.48000	3733189.70000	1.6208000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.40000	3733199.36000	1.6282000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.33000	3733209.01000	1.6323000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.26000	3733218.66000	1.6352000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.19000	3733228.32000	1.6338000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.11000	3733237.97000	1.6285000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.04000	3733247.63000	1.6191000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733265.10000	1.8499000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733274.99000	1.8417000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733284.88000	1.8348000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733294.77000	1.8382000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733304.65000	1.8384000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733314.54000	1.8366000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733324.43000	1.8373000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733334.32000	1.8464000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733344.21000	1.8554000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733354.10000	1.8575000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733363.99000	1.8551000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733373.88000	1.8735000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733383.76000	1.8950000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733393.65000	1.9196000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733403.54000	1.9363000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733413.43000	1.9493000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733423.32000	1.9637000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733433.21000	1.9732000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733443.10000	2.0080000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733452.99000	2.0457000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733462.87000	2.0753000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733472.76000	2.1045000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733482.65000	2.1315000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733492.54000	2.1500000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733502.43000	2.1594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733512.32000	2.1667000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733522.21000	2.1714000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733532.10000	2.1770000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733541.98000	2.1795000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497337.44000	3733551.87000	2.1778000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733265.10000	1.7642000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733274.99000	1.7484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733284.88000	1.7403000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733294.77000	1.7393000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733304.65000	1.7347000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733314.54000	1.7425000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733324.43000	1.7524000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733334.32000	1.7561000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

497280.30000	3733344.21000	1.7579000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733354.10000	1.7680000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733363.99000	1.7850000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733373.88000	1.8017000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733383.76000	1.8152000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733393.65000	1.8311000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733403.54000	1.8407000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733413.43000	1.8557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733423.32000	1.8810000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733433.21000	1.9151000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733443.10000	1.9441000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733452.99000	1.9743000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733462.87000	1.9977000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733472.76000	2.0178000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733482.65000	2.0353000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733492.54000	2.0495000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733502.43000	2.0594000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733512.32000	2.0624000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733522.21000	2.0647000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733532.10000	2.0634000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733541.98000	2.0625000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497280.30000	3733551.87000	2.0557000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733265.10000	1.6776000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733274.99000	1.6590000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733284.88000	1.6469000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733294.77000	1.6504000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733304.65000	1.6549000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733314.54000	1.6619000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733324.43000	1.6674000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733334.32000	1.6761000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733344.21000	1.6938000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733354.10000	1.7075000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733363.99000	1.7170000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733373.88000	1.7257000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733383.76000	1.7302000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733393.65000	1.7442000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733403.54000	1.7626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733413.43000	1.8005000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733423.32000	1.8341000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733433.21000	1.8626000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733443.10000	1.8867000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733452.99000	1.9094000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733462.87000	1.9268000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733472.76000	1.9412000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733482.65000	1.9553000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733492.54000	1.9664000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733502.43000	1.9717000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733512.32000	1.9686000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733522.21000	1.9623000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733532.10000	1.9560000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733541.98000	1.9498000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497223.15000	3733551.87000	1.9484000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733265.10000	1.5899000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733274.99000	1.5752000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733284.88000	1.5701000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733294.77000	1.5760000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
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497166.01000	3733314.54000	1.5921000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733324.43000	1.6081000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733334.32000	1.6240000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733344.21000	1.6342000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733354.10000	1.6399000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733363.99000	1.6418000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733373.88000	1.6465000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733383.76000	1.6550000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733393.65000	1.6887000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733403.54000	1.7232000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733413.43000	1.7615000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733423.32000	1.7936000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733433.21000	1.8164000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733443.10000	1.8312000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733452.99000	1.8446000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733462.87000	1.8616000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733472.76000	1.8745000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733482.65000	1.8833000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733492.54000	1.8869000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733502.43000	1.8880000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733512.32000	1.8820000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733522.21000	1.8726000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733532.10000	1.8669000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733541.98000	1.8644000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000
497166.01000	3733551.87000	1.8591000e-05	-99	-99	-99	1-HR	ALL	1ST	00000000

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499057.15000 3734069.05000 8.0850000e-05      -99      -99      -99    1-HR  ALL       1ST                00000000
499203.42000 3734090.19000 6.4397000e-05      -99      -99      -99    1-HR  ALL       1ST                00000000
499336.46000 3733957.15000 2.6272000e-05      -99      -99      -99    1-HR  ALL       1ST                00000000
499337.34000 3733926.31000 2.4913000e-05      -99      -99      -99    1-HR  ALL       1ST                00000000
498980.50000 3734032.04000 7.4786000e-05      -99      -99      -99    1-HR  ALL       1ST                00000000
```

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 5244 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
498155.71000	3733600.32000	1.6367000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498155.56000	3733609.79000	1.6574000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498155.41000	3733619.26000	1.6771000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498155.26000	3733628.73000	1.6958000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498155.11000	3733638.20000	1.7141000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.96000	3733647.68000	1.7330000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.81000	3733657.15000	1.7538000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.66000	3733666.62000	1.7785000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.51000	3733676.09000	1.8100000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.36000	3733685.56000	1.8520000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.21000	3733695.03000	1.9097000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498154.06000	3733704.50000	1.9905000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498153.91000	3733713.97000	2.1064000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498153.76000	3733723.44000	2.2796000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498153.61000	3733732.91000	2.5508000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498153.46000	3733742.38000	3.0155000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.71000	3733600.16000	1.5298000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.56000	3733609.63000	1.5500000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.41000	3733619.11000	1.5700000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.26000	3733628.58000	1.5900000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498145.11000	3733638.05000	1.6108000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.96000	3733647.52000	1.6333000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.81000	3733656.99000	1.6588000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.66000	3733666.46000	1.6892000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.51000	3733675.93000	1.7272000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.36000	3733685.40000	1.7764000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.21000	3733694.87000	1.8418000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498144.06000	3733704.34000	1.9309000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498143.91000	3733713.81000	2.0562000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498143.76000	3733723.28000	2.2409000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498143.61000	3733732.75000	2.5284000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498143.46000	3733742.22000	3.0232000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.71000	3733600.01000	1.4404000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.56000	3733609.48000	1.4605000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.41000	3733618.95000	1.4810000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.26000	3733628.42000	1.5024000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498135.11000	3733637.89000	1.5252000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498134.96000	3733647.36000	1.5506000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498134.81000	3733656.83000	1.5797000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498134.51000	3733675.77000	1.6575000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498134.36000	3733685.24000	1.7122000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498134.21000	3733694.71000	1.7837000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498134.06000	3733704.18000	1.8796000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498133.91000	3733713.65000	2.0126000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498133.61000	3733732.59000	2.5086000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498133.46000	3733742.06000	3.0302000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498125.72000	3733599.85000	1.3648000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498125.42000	3733618.79000	1.4061000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498124.82000	3733656.67000	1.5130000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498124.67000	3733666.14000	1.5512000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498124.52000	3733675.61000	1.5981000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498124.22000	3733694.55000	1.7335000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498124.07000	3733704.02000	1.8349000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498123.92000	3733713.49000	1.9743000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498123.77000	3733722.96000	2.1766000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498123.62000	3733732.44000	2.4903000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498123.47000	3733741.91000	3.0340000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498115.27000	3733628.10000	1.3656000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498115.12000	3733637.57000	1.3917000e-03	-99	-99	-99	PERIOD	ALL	00000000	
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498114.52000	3733675.45000	1.5468000e-03	-99	-99	-99	PERIOD	ALL	00000000	
498114.37000	3733684.92000	1.6093000e-03	-99	-99	-99	PERIOD	ALL	00000000	

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498588.16000	3732679.58000	2.7817000e-04	-99	-99	-99	PERIOD	ALL	00000000
498579.41000	3732675.18000	2.7613000e-04	-99	-99	-99	PERIOD	ALL	00000000
498570.66000	3732670.77000	2.7398000e-04	-99	-99	-99	PERIOD	ALL	00000000
498561.91000	3732666.37000	2.7176000e-04	-99	-99	-99	PERIOD	ALL	00000000
498553.16000	3732661.97000	2.6945000e-04	-99	-99	-99	PERIOD	ALL	00000000
498544.41000	3732657.57000	2.6707000e-04	-99	-99	-99	PERIOD	ALL	00000000
498535.66000	3732653.17000	2.6462000e-04	-99	-99	-99	PERIOD	ALL	00000000
498526.91000	3732648.77000	2.6212000e-04	-99	-99	-99	PERIOD	ALL	00000000
498518.16000	3732644.37000	2.5957000e-04	-99	-99	-99	PERIOD	ALL	00000000
498509.41000	3732639.96000	2.5697000e-04	-99	-99	-99	PERIOD	ALL	00000000
498500.66000	3732635.56000	2.5434000e-04	-99	-99	-99	PERIOD	ALL	00000000
498491.91000	3732631.16000	2.5169000e-04	-99	-99	-99	PERIOD	ALL	00000000
498483.16000	3732626.76000	2.4901000e-04	-99	-99	-99	PERIOD	ALL	00000000
498474.41000	3732622.36000	2.4632000e-04	-99	-99	-99	PERIOD	ALL	00000000
498465.66000	3732617.96000	2.4362000e-04	-99	-99	-99	PERIOD	ALL	00000000
498456.91000	3732613.55000	2.4092000e-04	-99	-99	-99	PERIOD	ALL	00000000
498448.16000	3732609.15000	2.3822000e-04	-99	-99	-99	PERIOD	ALL	00000000
498439.41000	3732604.75000	2.3553000e-04	-99	-99	-99	PERIOD	ALL	00000000
498430.66000	3732600.35000	2.3284000e-04	-99	-99	-99	PERIOD	ALL	00000000
498421.91000	3732595.95000	2.3017000e-04	-99	-99	-99	PERIOD	ALL	00000000
498413.16000	3732591.55000	2.2751000e-04	-99	-99	-99	PERIOD	ALL	00000000
498404.41000	3732587.15000	2.2487000e-04	-99	-99	-99	PERIOD	ALL	00000000
498395.65000	3732582.74000	2.2224000e-04	-99	-99	-99	PERIOD	ALL	00000000
498386.90000	3732578.34000	2.1964000e-04	-99	-99	-99	PERIOD	ALL	00000000
498804.74000	3732749.49000	2.7302000e-04	-99	-99	-99	PERIOD	ALL	00000000
498811.96000	3732756.07000	2.7351000e-04	-99	-99	-99	PERIOD	ALL	00000000
498819.18000	3732762.65000	2.7389000e-04	-99	-99	-99	PERIOD	ALL	00000000
498826.40000	3732769.23000	2.7414000e-04	-99	-99	-99	PERIOD	ALL	00000000
498833.62000	3732775.81000	2.7427000e-04	-99	-99	-99	PERIOD	ALL	00000000
498840.83000	3732782.39000	2.7429000e-04	-99	-99	-99	PERIOD	ALL	00000000
498848.05000	3732788.97000	2.7417000e-04	-99	-99	-99	PERIOD	ALL	00000000
498855.27000	3732795.55000	2.7393000e-04	-99	-99	-99	PERIOD	ALL	00000000
498862.49000	3732802.13000	2.7358000e-04	-99	-99	-99	PERIOD	ALL	00000000
498869.71000	3732808.71000	2.7310000e-04	-99	-99	-99	PERIOD	ALL	00000000
498876.92000	3732815.29000	2.7250000e-04	-99	-99	-99	PERIOD	ALL	00000000
498884.14000	3732821.87000	2.7178000e-04	-99	-99	-99	PERIOD	ALL	00000000
498891.36000	3732828.45000	2.7096000e-04	-99	-99	-99	PERIOD	ALL	00000000
498898.58000	3732835.03000	2.7002000e-04	-99	-99	-99	PERIOD	ALL	00000000
498905.80000	3732841.61000	2.6898000e-04	-99	-99	-99	PERIOD	ALL	00000000
498913.01000	3732848.19000	2.6785000e-04	-99	-99	-99	PERIOD	ALL	00000000
498920.23000	3732854.77000	2.6661000e-04	-99	-99	-99	PERIOD	ALL	00000000
498927.45000	3732861.35000	2.6529000e-04	-99	-99	-99	PERIOD	ALL	00000000
498934.67000	3732867.93000	2.6389000e-04	-99	-99	-99	PERIOD	ALL	00000000
498941.89000	3732874.51000	2.6242000e-04	-99	-99	-99	PERIOD	ALL	00000000
498949.10000	3732881.09000	2.6089000e-04	-99	-99	-99	PERIOD	ALL	00000000
498956.32000	3732887.67000	2.5928000e-04	-99	-99	-99	PERIOD	ALL	00000000
498963.54000	3732894.25000	2.5762000e-04	-99	-99	-99	PERIOD	ALL	00000000
498970.76000	3732900.83000	2.5591000e-04	-99	-99	-99	PERIOD	ALL	00000000
498977.98000	3732907.41000	2.5415000e-04	-99	-99	-99	PERIOD	ALL	00000000
498985.19000	3732913.99000	2.5233000e-04	-99	-99	-99	PERIOD	ALL	00000000
498992.41000	3732920.57000	2.5046000e-04	-99	-99	-99	PERIOD	ALL	00000000
498999.63000	3732927.15000	2.4854000e-04	-99	-99	-99	PERIOD	ALL	00000000
499009.60000	3732943.11000	2.4737000e-04	-99	-99	-99	PERIOD	ALL	00000000
499012.35000	3732952.48000	2.4807000e-04	-99	-99	-99	PERIOD	ALL	00000000
499017.85000	3732971.22000	2.4939000e-04	-99	-99	-99	PERIOD	ALL	00000000
498797.53000	3732742.91000	2.7241000e-04	-99	-99	-99	PERIOD	ALL	00000000
498788.78000	3732738.51000	2.7307000e-04	-99	-99	-99	PERIOD	ALL	00000000
498780.02000	3732734.11000	2.7362000e-04	-99	-99	-99	PERIOD	ALL	00000000
498771.27000	3732729.71000	2.7404000e-04	-99	-99	-99	PERIOD	ALL	00000000
498762.52000	3732725.31000	2.7435000e-04	-99	-99	-99	PERIOD	ALL	00000000
498753.77000	3732720.90000	2.7454000e-04	-99	-99	-99	PERIOD	ALL	00000000
498727.52000	3732707.70000	2.7441000e-04	-99	-99	-99	PERIOD	ALL	00000000
498718.77000	3732703.30000	2.7413000e-04	-99	-99	-99	PERIOD	ALL	00000000
498710.02000	3732698.90000	2.7374000e-04	-99	-99	-99	PERIOD	ALL	00000000
498701.27000	3732694.49000	2.7323000e-04	-99	-99	-99	PERIOD	ALL	00000000
498692.52000	3732690.09000	2.7261000e-04	-99	-99	-99	PERIOD	ALL	00000000
498683.77000	3732685.69000	2.7187000e-04	-99	-99	-99	PERIOD	ALL	00000000
498675.02000	3732681.29000	2.7102000e-04	-99	-99	-99	PERIOD	ALL	00000000

498666.27000	3732676.89000	2.7005000e-04	-99	-99	-99	PERIOD	ALL	00000000
498657.52000	3732672.49000	2.6897000e-04	-99	-99	-99	PERIOD	ALL	00000000
498648.77000	3732668.09000	2.6777000e-04	-99	-99	-99	PERIOD	ALL	00000000
498640.02000	3732663.68000	2.6645000e-04	-99	-99	-99	PERIOD	ALL	00000000
498631.27000	3732659.28000	2.6476000e-04	-99	-99	-99	PERIOD	ALL	00000000
498622.52000	3732654.88000	2.6296000e-04	-99	-99	-99	PERIOD	ALL	00000000
498613.77000	3732650.48000	2.6113000e-04	-99	-99	-99	PERIOD	ALL	00000000
498605.02000	3732646.08000	2.5935000e-04	-99	-99	-99	PERIOD	ALL	00000000
498596.27000	3732641.68000	2.5763000e-04	-99	-99	-99	PERIOD	ALL	00000000
498587.51000	3732637.27000	2.5576000e-04	-99	-99	-99	PERIOD	ALL	00000000
498578.76000	3732632.87000	2.5377000e-04	-99	-99	-99	PERIOD	ALL	00000000
498570.01000	3732628.47000	2.5177000e-04	-99	-99	-99	PERIOD	ALL	00000000
498561.26000	3732624.07000	2.4970000e-04	-99	-99	-99	PERIOD	ALL	00000000
498552.51000	3732619.67000	2.4757000e-04	-99	-99	-99	PERIOD	ALL	00000000
498543.76000	3732615.27000	2.4540000e-04	-99	-99	-99	PERIOD	ALL	00000000
498535.01000	3732610.86000	2.4317000e-04	-99	-99	-99	PERIOD	ALL	00000000
498526.26000	3732606.46000	2.4091000e-04	-99	-99	-99	PERIOD	ALL	00000000
498517.51000	3732602.06000	2.3862000e-04	-99	-99	-99	PERIOD	ALL	00000000
498508.76000	3732597.66000	2.3630000e-04	-99	-99	-99	PERIOD	ALL	00000000
498500.01000	3732593.26000	2.3396000e-04	-99	-99	-99	PERIOD	ALL	00000000
498491.26000	3732588.86000	2.3161000e-04	-99	-99	-99	PERIOD	ALL	00000000
498482.51000	3732584.46000	2.2925000e-04	-99	-99	-99	PERIOD	ALL	00000000
498473.76000	3732580.05000	2.2688000e-04	-99	-99	-99	PERIOD	ALL	00000000
498465.01000	3732575.65000	2.2451000e-04	-99	-99	-99	PERIOD	ALL	00000000
498456.26000	3732571.25000	2.2214000e-04	-99	-99	-99	PERIOD	ALL	00000000
498447.51000	3732566.85000	2.1977000e-04	-99	-99	-99	PERIOD	ALL	00000000
498438.76000	3732562.45000	2.1742000e-04	-99	-99	-99	PERIOD	ALL	00000000
498430.01000	3732558.05000	2.1507000e-04	-99	-99	-99	PERIOD	ALL	00000000
498421.26000	3732553.64000	2.1273000e-04	-99	-99	-99	PERIOD	ALL	00000000
498412.51000	3732549.24000	2.1041000e-04	-99	-99	-99	PERIOD	ALL	00000000
498403.76000	3732544.84000	2.0811000e-04	-99	-99	-99	PERIOD	ALL	00000000
498821.61000	3732716.01000	2.5482000e-04	-99	-99	-99	PERIOD	ALL	00000000
498828.85000	3732722.60000	2.5527000e-04	-99	-99	-99	PERIOD	ALL	00000000
498836.08000	3732729.20000	2.5562000e-04	-99	-99	-99	PERIOD	ALL	00000000
498843.32000	3732735.79000	2.5587000e-04	-99	-99	-99	PERIOD	ALL	00000000
498850.55000	3732742.39000	2.5601000e-04	-99	-99	-99	PERIOD	ALL	00000000
498857.78000	3732748.98000	2.5612000e-04	-99	-99	-99	PERIOD	ALL	00000000
498865.02000	3732755.58000	2.5606000e-04	-99	-99	-99	PERIOD	ALL	00000000
498872.25000	3732762.17000	2.5583000e-04	-99	-99	-99	PERIOD	ALL	00000000
498879.49000	3732768.77000	2.5550000e-04	-99	-99	-99	PERIOD	ALL	00000000
498886.72000	3732775.36000	2.5517000e-04	-99	-99	-99	PERIOD	ALL	00000000
498893.96000	3732781.96000	2.5470000e-04	-99	-99	-99	PERIOD	ALL	00000000
498901.19000	3732788.55000	2.5408000e-04	-99	-99	-99	PERIOD	ALL	00000000
498908.43000	3732795.15000	2.5332000e-04	-99	-99	-99	PERIOD	ALL	00000000
498915.66000	3732801.74000	2.5257000e-04	-99	-99	-99	PERIOD	ALL	00000000
498922.90000	3732808.34000	2.5175000e-04	-99	-99	-99	PERIOD	ALL	00000000
498930.13000	3732814.94000	2.5081000e-04	-99	-99	-99	PERIOD	ALL	00000000
498937.37000	3732821.53000	2.4976000e-04	-99	-99	-99	PERIOD	ALL	00000000
498944.60000	3732828.13000	2.4861000e-04	-99	-99	-99	PERIOD	ALL	00000000
498951.84000	3732834.72000	2.4737000e-04	-99	-99	-99	PERIOD	ALL	00000000
498959.07000	3732841.32000	2.4608000e-04	-99	-99	-99	PERIOD	ALL	00000000
498966.30000	3732847.91000	2.4472000e-04	-99	-99	-99	PERIOD	ALL	00000000
498973.54000	3732854.51000	2.4330000e-04	-99	-99	-99	PERIOD	ALL	00000000
498980.77000	3732861.10000	2.4184000e-04	-99	-99	-99	PERIOD	ALL	00000000
498988.01000	3732867.70000	2.4032000e-04	-99	-99	-99	PERIOD	ALL	00000000
498995.24000	3732874.29000	2.3876000e-04	-99	-99	-99	PERIOD	ALL	00000000
499002.48000	3732880.89000	2.3716000e-04	-99	-99	-99	PERIOD	ALL	00000000
499009.71000	3732887.48000	2.3553000e-04	-99	-99	-99	PERIOD	ALL	00000000
499016.95000	3732894.08000	2.3387000e-04	-99	-99	-99	PERIOD	ALL	00000000
499024.18000	3732900.67000	2.3219000e-04	-99	-99	-99	PERIOD	ALL	00000000
499031.42000	3732907.27000	2.3049000e-04	-99	-99	-99	PERIOD	ALL	00000000
499041.41000	3732923.26000	2.2939000e-04	-99	-99	-99	PERIOD	ALL	00000000
499044.16000	3732932.65000	2.2999000e-04	-99	-99	-99	PERIOD	ALL	00000000
499046.92000	3732942.05000	2.3056000e-04	-99	-99	-99	PERIOD	ALL	00000000
499049.67000	3732951.44000	2.3111000e-04	-99	-99	-99	PERIOD	ALL	00000000
499077.23000	3733045.38000	2.3540000e-04	-99	-99	-99	PERIOD	ALL	00000000
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499082.74000	3733064.17000	2.3603000e-04	-99	-99	-99	PERIOD	ALL	00000000
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499091.00000	3733092.35000	2.3689000e-04	-99	-99	-99	PERIOD	ALL	00000000
499093.76000	3733101.74000	2.3715000e-04	-99	-99	-99	PERIOD	ALL	00000000
499096.51000	3733111.14000	2.3740000e-04	-99	-99	-99	PERIOD	ALL	00000000
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499104.78000	3733139.32000	2.3807000e-04	-99	-99	-99	PERIOD	ALL	00000000
499107.54000	3733148.71000	2.3827000e-04	-99	-99	-99	PERIOD	ALL	00000000
499110.29000	3733158.11000	2.3847000e-04	-99	-99	-99	PERIOD	ALL	00000000
498814.38000	3732709.41000	2.5426000e-04	-99	-99	-99	PERIOD	ALL	00000000
498805.63000	3732705.01000	2.5483000e-04	-99	-99	-99	PERIOD	ALL	00000000
498796.88000	3732700.61000	2.5530000e-04	-99	-99	-99	PERIOD	ALL	00000000
498788.13000	3732696.21000	2.5566000e-04	-99	-99	-99	PERIOD	ALL	00000000

498779.37000	3732691.80000	2.5592000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498744.37000	3732674.20000	2.5594000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498674.37000	3732638.99000	2.5112000e-04	-99	-99	-99	PERIOD	ALL	00000000
498665.62000	3732634.58000	2.5007000e-04	-99	-99	-99	PERIOD	ALL	00000000
498656.87000	3732630.18000	2.4893000e-04	-99	-99	-99	PERIOD	ALL	00000000
498648.12000	3732625.78000	2.4769000e-04	-99	-99	-99	PERIOD	ALL	00000000
498639.37000	3732621.38000	2.4636000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498621.87000	3732612.58000	2.4347000e-04	-99	-99	-99	PERIOD	ALL	00000000
498613.12000	3732608.18000	2.4191000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498578.11000	3732590.57000	2.3421000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498543.11000	3732572.96000	2.2651000e-04	-99	-99	-99	PERIOD	ALL	00000000
498534.36000	3732568.56000	2.2450000e-04	-99	-99	-99	PERIOD	ALL	00000000
498525.61000	3732564.16000	2.2247000e-04	-99	-99	-99	PERIOD	ALL	00000000
498516.86000	3732559.76000	2.2041000e-04	-99	-99	-99	PERIOD	ALL	00000000
498508.11000	3732555.36000	2.1834000e-04	-99	-99	-99	PERIOD	ALL	00000000
498499.36000	3732550.96000	2.1626000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498481.86000	3732542.15000	2.1208000e-04	-99	-99	-99	PERIOD	ALL	00000000
498473.11000	3732537.75000	2.0999000e-04	-99	-99	-99	PERIOD	ALL	00000000
498464.36000	3732533.35000	2.0789000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498894.55000	3732733.64000	2.3982000e-04	-99	-99	-99	PERIOD	ALL	00000000
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498971.95000	3732804.19000	2.3201000e-04	-99	-99	-99	PERIOD	ALL	00000000
498978.99000	3732810.61000	2.3089000e-04	-99	-99	-99	PERIOD	ALL	00000000
498986.02000	3732817.02000	2.2972000e-04	-99	-99	-99	PERIOD	ALL	00000000
498993.06000	3732823.44000	2.2849000e-04	-99	-99	-99	PERIOD	ALL	00000000
499000.09000	3732829.85000	2.2723000e-04	-99	-99	-99	PERIOD	ALL	00000000
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499014.17000	3732842.68000	2.2458000e-04	-99	-99	-99	PERIOD	ALL	00000000
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497280.30000 3733383.76000 2.7361000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733393.65000 2.7958000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733403.54000 2.8586000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733413.43000 2.9248000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733423.32000 2.9946000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733433.21000 3.0683000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733443.10000 3.1463000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733452.99000 3.2290000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733462.87000 3.3167000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733472.76000 3.4102000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733482.65000 3.5099000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733492.54000 3.6165000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733502.43000 3.7308000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733512.32000 3.8537000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733522.21000 3.9862000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733532.10000 4.1296000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733541.98000 4.2850000e-04      -99      -99      -99  PERIOD  ALL       00000000
497280.30000 3733551.87000 4.4544000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733265.10000 2.0601000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733274.99000 2.0935000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733284.88000 2.1281000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733294.77000 2.1642000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733304.65000 2.2018000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733314.54000 2.2411000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733324.43000 2.2821000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733334.32000 2.3250000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733344.21000 2.3699000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733354.10000 2.4169000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733363.99000 2.4661000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733373.88000 2.5179000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733383.76000 2.5723000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733393.65000 2.6296000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733403.54000 2.6900000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733413.43000 2.7538000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733423.32000 2.8213000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733433.21000 2.8927000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733443.10000 2.9684000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733452.99000 3.0489000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497223.15000 3733472.76000 3.2257000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733482.65000 3.3233000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497223.15000 3733532.10000 3.9323000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733541.98000 4.0856000e-04      -99      -99      -99  PERIOD  ALL       00000000
497223.15000 3733551.87000 4.2530000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733265.10000 1.9242000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733274.99000 1.9545000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733284.88000 1.9862000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733294.77000 2.0191000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733304.65000 2.0534000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733314.54000 2.0892000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733324.43000 2.1267000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733334.32000 2.1659000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733344.21000 2.2071000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733354.10000 2.2502000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733363.99000 2.2955000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733373.88000 2.3432000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733383.76000 2.3934000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733393.65000 2.4465000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733403.54000 2.5026000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733413.43000 2.5620000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733423.32000 2.6250000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733433.21000 2.6919000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733443.10000 2.7631000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733452.99000 2.8390000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733462.87000 2.9199000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733472.76000 3.0066000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733482.65000 3.0995000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733492.54000 3.1994000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733502.43000 3.3070000e-04      -99      -99      -99  PERIOD  ALL       00000000
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497166.01000 3733522.21000 3.5490000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733532.10000 3.6857000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733541.98000 3.8345000e-04      -99      -99      -99  PERIOD  ALL       00000000
497166.01000 3733551.87000 3.9974000e-04      -99      -99      -99  PERIOD  ALL       00000000
499057.15000 3734069.05000 1.0142000e-03      -99      -99      -99  PERIOD  ALL       00000000
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499203.42000 3734090.19000 7.7270000e-04      -99      -99      -99  PERIOD  ALL       00000000
499336.46000 3733957.15000 2.9845000e-04      -99      -99      -99  PERIOD  ALL       00000000
499337.34000 3733926.31000 2.7617000e-04      -99      -99      -99  PERIOD  ALL       00000000
498980.50000 3734032.04000 9.2885000e-04      -99      -99      -99  PERIOD  ALL       00000000
```

PM 10				
Tons/Yr	T4	T4_Rev		
Year 1	0.0269365	0.02543	0	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0

PM 10				
Lbs /Yr	T4	T4_Rev	0	0
Year 1	53.873	50.86	0	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0

PM 10				
% Chng	T4	T4_Rev	0	0
Year 1	100%	94%	0%	0%
Year 2	0%	0%	0%	0%
Year 3	0%	0%	0%	0%
Year 4	0%	0%	0%	0%

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	PM2.5_RUNEX	PM10_RUNEX
Riverside	2025	HHDT	Aggregate	5	Diesel	0.012250956	0.01280489
Riverside	2025	HHDT	Aggregate	10	Diesel	0.010424509	0.01089586
Riverside	2025	HHDT	Aggregate	15	Diesel	0.008371832	0.008750369
					Average	0.010349099	0.01081704
Riverside	2025	LDT1	Aggregate	5	Diesel	0.933724363	0.975943235
Riverside	2025	LDT1	Aggregate	10	Diesel	0.65002398	0.67941518
Riverside	2025	LDT1	Aggregate	15	Diesel	0.47354004	0.49495142
Riverside	2025	LDT2	Aggregate	5	Diesel	0.013780983	0.014404098
Riverside	2025	LDT2	Aggregate	10	Diesel	0.011539255	0.012061009
Riverside	2025	LDT2	Aggregate	15	Diesel	0.009493699	0.009922961
					Average	0.34868372	0.364449651
Riverside	2025	MHDT	Aggregate	5	Diesel	0.033944426	0.035479242
Riverside	2025	MHDT	Aggregate	10	Diesel	0.026929247	0.028146868
Riverside	2025	MHDT	Aggregate	15	Diesel	0.016982927	0.017750819
					Average	0.0259522	0.027125643

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	Diesel %	Trips	PM2.5_RUNEX	PM10_RUNEX	TOG_RUNEX	TOG_RUNLOSS
Riverside	2025	LDA	Aggregate	Aggregate	Gasoline	628741.8431	25913929.34	25913929.34	0%	2926820.538	0.001136585	0.00123614	0.011188936	0.21514705
Riverside	2025	LDA	Aggregate	Aggregate	Diesel	1836.097603	62062.60412	62062.60412	59%	7926.65597	0.014024235	0.014658349	0.026585175	0
							25975991.95	64.5%						
Riverside	2025	LDT1	Aggregate	Aggregate	Gasoline	55586.8954	2050905.802	2050905.802	0%	241530.2108	0.001916618	0.002084497	0.055266398	0.621408903
Riverside	2025	LDT1	Aggregate	Aggregate	Diesel	24.98140446	466.6780382	466.6780382	0.4%	70.49584202	0.22892305	0.239273935	0.362203438	0
Riverside	2025	LDT2	Aggregate	Aggregate	Gasoline	284782.3726	12228523.63	12228523.63	0%	1337654.945	0.001156315	0.001257598	0.015372871	0.215066148
Riverside	2025	LDT2	Aggregate	Aggregate	Diesel	950.162807	42713.04304	42713.04304	41%	4570.675712	0.004626837	0.004836042	0.013752337	0
							14322609.16	35.5%	105242			Gasoline Avg EF	0.027276068	0.350540701
								Diesel Wt EF	0.011667941					

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	Trips	PM2.5_RUNEX	PM2.5_IDLEX	PM10_RUNEX	PM10_IDLEX
Riverside	2025	HHDT	Aggregate	Aggregate	Diesel	26969.90993	4254547.297	4254547.297	477583.1317	0.030146315	0.03311428	0.031509398	0.03461156
Riverside	2025	MHDT	Aggregate	Aggregate	Diesel	15931.50115	704552.178	704552.178	190237.9234	0.010515936	0.020643095	0.01099142	0.021576485
Riverside	2025	LHDT1	Aggregate	Aggregate	Diesel	19293.10862	711434.2665	711434.2665	242683.0358	0.025105609	0.026149344	0.026240774	0.027331701
Riverside	2025	LHDT2	Aggregate	Aggregate	Diesel	8709.67701	321982.2328	321982.2328	109556.78	0.023494301	0.026216216	0.024556609	0.027401597
									Average	0.024299955	0.02618278	0.025398691	0.027366649

KW	BHP
1500	2012

$P_{(hp)} = 100 \text{ kW} / \ 0.745699872 = 134.102 \text{ hp}$

# of Units	BHP	Hr/Year	gr/bhp-hr	g/year	lbs/year
1	350	50	0.01	175	0.385802
1	238	50	0.01	119	0.262346

Daily Trips
2428

	Passenger Vehicles	2-Axle Trks	3-Axle Trks	4-Axle Trks	Total
Percentage	82.2%	3.8%	2.5%	11.5%	100%
# Daily Vehicles	1995.82	92.26	60.70	279.22	2428
# Annual Vehicles	728,473	33,676	22,156	101,915	886,220

Truck Travel

Onsite Truck Travel Emissions			
Category	# of Trucks / Yr	% of Total	DPM EF (lb/Mile)
2-Axle Trks	33,676	21.3%	2.71E+01
3-Axle Trks	22,156	14.0%	1.32E+00
4-Axle Trks	101,915	64.6%	2.43E+00
Total	157,747	100%	---

DPM Lbs/ Yr	ONS_T1	ONS_T2	ONS_T3	ONS_T4	ONS_T5	ONS_T6	Total
Distance (m)	453.6	153.5	303.6	150.6	154.7	245.1	1461.1
%	19%	6%	13%	6%	7%	10%	62%
2-Axle Trks	1.46E+00	1.68E-01	6.55E-01	1.61E-01	1.70E-01	4.27E-01	3.04E+00
3-Axle Trks	7.16E-02	8.20E-03	3.21E-02	7.90E-03	8.33E-03	2.09E-02	1.49E-01
4-Axle Trks	1.31E-01	1.51E-02	5.89E-02	1.45E-02	1.53E-02	3.84E-02	2.73E-01
Total	1.67E+00	1.91E-01	7.46E-01	1.84E-01	1.94E-01	4.86E-01	3.47E+00

Offsite Truck Travel Emissions			
Category	# of Trucks / Yr	% of Total	DPM EF (lb/Mile)
2-Axle Trks	33,676	21.3%	1.89E+00
3-Axle Trks	22,156	14.0%	5.37E-01
4-Axle Trks	101,915	64.6%	7.08E+00
Total	157,747	100%	---

DPM Lbs/ Yr	IN_1	IN_CAR	OUT	OUT_CAR			Total
Gas Only	N	Y	N	Y	N	N	
Distance (m)	2120.6	1257.8	2141.4	1250	0	0	6769.8
%	50%	50%	50%	50%	0%	0%	200%
2-Axle Trks	1.24E+00	0.00E+00	1.25E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+00
3-Axle Trks	3.54E-01	0.00E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
4-Axle Trks	4.67E+00	0.00E+00	4.71E+00	0.00E+00	0.00E+00	0.00E+00	9.38E+00
Total	6.26E+00	0.00E+00	6.32E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+01

Truck Idle

# of Idling Pts	41

Truck Idling						Idle						Total
Category	# of Trucks / Yr	Idle EF (lbs /Idle-Event)	Time (Hr)	Lbs/ Yr	Lbs / Yr /Unit	41	0	0	0	0	0	41
2-Axle Trks	33,676	6.03E-05	0.25	5.08E-01	1.24E-02	5.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-01
3-Axle Trks	22,156	4.76E-05	0.25	2.63E-01	6.43E-03	2.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-01
4-Axle Trks	101,915	7.63E-05	0.25	1.94E+00	4.74E-02	1.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00
Total	157,747	--	--	2.72E+00	6.62E-02	6.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00

TRUs

Percent of Trucks	0		# of Units	1	
Onsite TRU Emissions					
Category	Percentage	# of TRUs / Yr	Time (Hr)	*DPM EF (lbs/Event)	Emissions (lb/Yr)
2-Axle Trks	15.5	0	0.50	4.19E-03	0.00
3-Axle Trks	4.9	0			0.00
4-Axle Trks	24.3	0			0.00
Total	45	0	Emission/Unit		0.00

* TRU EF * BHP * Load factor * Time in hours

Vehicle Emissions

Vehicle Travel Percentage / Count			
Category	# of Vehicles / Yr	% LDA	% LDT
Passenger Vehicles	728,473	64%	35.54%
# Vehicles		469,565	258,908

Category	TOG Exhaust EF (lb/Mile)	TOG Runloss EF (lb/Mile)
LDA	2.47E-05	4.74E-04
LDT	6.01E-05	7.73E-04

CARB TOG Speciation Profile Run Exhaust			Lbs/mi/yr	
CAS#	Chemical Name	Fraction	LDA	LDT
75070	Acetaldehyde	2.80E-03	3.24E-02	4.36E-02
107028	Acrolein	1.30E-03	1.51E-02	2.02E-02
71432	Benzene	2.47E-02	2.86E-01	3.85E-01
106990	1,3-Butadiene	5.50E-03	6.37E-02	8.56E-02
100414	Ethylbenzene	1.05E-02	1.22E-01	1.63E-01
50000	Formaldehyde	1.58E-02	1.83E-01	2.46E-01

110543	Hexane	1.60E-02	1.85E-01	2.49E-01
67561	Methanol	1.20E-03	1.39E-02	1.87E-02
78933	Methyl Ethyl Ketone	2.00E-04	2.32E-03	3.11E-03
91203	Naphthalene	5.00E-04	5.79E-03	7.78E-03
115071	Propylene	3.06E-02	3.54E-01	4.76E-01
100425	Styrene	1.20E-03	1.39E-02	1.87E-02
108883	Toluene	5.76E-02	6.67E-01	8.97E-01
1330207	Xylenes	4.80E-02	5.56E-01	7.47E-01
9901	Diesel	1.17E-02	1.21E+01	6.66E+00

CARB TOG Speciation Profile Evaporative Losses			**Lbs/mi/yr**	
CAS#	**Chemical Name**	**Fraction**	**LDA**	**LDT**
71432	Benzene	3.600E-03	4.17E-02	5.60E-02
100414	Ethylbenzene	1.180E-03	1.37E-02	1.84E-02
110543	Hexane	1.540E-02	1.78E-01	2.40E-01
108883	Toluene	1.700E-02	1.97E-01	2.65E-01
1330207	Xylenes	5.780E-03	6.69E-02	9.00E-02

	Daily Trips
	2428

	Passenger Vehicles	2-Axle Trks	3-Axle Trks	4-Axle Trks	Total
Percentage	82.2%	3.8%	2.5%	11.5%	100%
# Daily Vehicles	1995.82	92.26	60.70	279.22	2428
# Annual Vehicles	728,473	33,676	22,156	101,915	886,220

Truck Travel

Onsite Truck Travel Emissions			
Category	# of Trucks / Yr	% of Total	DPM EF (lb/Mile)
2-Axle Trks	33,676	21.3%	8.03E-01
3-Axle Trks	22,156	14.0%	1.78E+01
4-Axle Trks	101,915	64.6%	6.09E+00
Total	157,747	100%	---

DPM Lbs/ Yr		ONS_T7	ONS_T8	ONS_T9	ONS_T10		Total
Distance (m)	0	244.3	190.4	183.6	285.4	0	903.7
5	0%	10%	8%	8%	12%	0%	38%
2-Axle Trks	0.00E+00	1.26E-02	7.65E-03	7.11E-03	1.72E-02	0.00E+00	1.26E-02
3-Axle Trks	0.00E+00	2.79E-01	1.70E-01	1.58E-01	3.81E-01	0.00E+00	2.79E-01
4-Axle Trks	0.00E+00	9.56E-02	5.81E-02	5.40E-02	1.30E-01	0.00E+00	9.56E-02
Total	0.00E+00	3.87E-01	2.35E-01	2.19E-01	5.29E-01	0.00E+00	3.87E-01

Offsite Truck Travel Emissions			
Category	# of Trucks / Yr	% of Total	DPM EF (lb/Mile)
2-Axle Trks	33,676	21.3%	1.89E+00
3-Axle Trks	22,156	14.0%	5.37E-01
4-Axle Trks	101,915	64.6%	7.08E+00
Total	157,747	100%	---

DPM Lbs/ Yr							Total
Gas Only	N	N	N	N	N	N	
Distance (m)	0	0	0	0	0	0	0
%	100%	100%	100%	100%	100%	100%	600%
2-Axle Trks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3-Axle Trks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Axle Trks	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Truck Idle

# of Idling Pts	1

Truck Idling						Idle						Total
Category	# of Trucks / Yr	Idle EF (lbs / Event)	Time (Hr)	Lbs/ Yr	Lbs / Yr /Unit	0	0	0	0	0	0	0
2-Axle Trks	33,676	6.03E-05	0.25	5.08E-01	5.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3-Axle Trks	22,156	4.76E-05	0.25	2.63E-01	2.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Axle Trks	101,915	7.63E-05	0.25	1.94E+00	1.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	157,747	--	--	2.72E+00	2.72E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TRUs

Percent of Trucks	0		# of Units	1

Onsite TRU Emissions					
Category	Percentage	# of TRUs / Yr	Time (Hr)	*DPM EF (lbs/Event)	Emissions (lb/Yr)
2-Axle Trks	15.5	0	0.25	2.09E-03	0.00
3-Axle Trks	4.9	0			0.00
4-Axle Trks	24.3	0			0.00
Total	45	0	Emission/Unit		0.00

* TRU EF * BHP * Load factor * Time in hours

Vehicle Emissions

Vehicle Travel Percentage / Count			
Category	# of Vehicles / Yr	% LDA	% LDT
Passenger Vehicles	728,473	64%	35.54%
# Vehicles		469,565	258,908

Category	TOG Exhaust EF (lb/Mile)	TOG Runloss EF (lb/Mile)
LDA	2.47E-05	4.74E-04
LDT	6.01E-05	7.73E-04

CARB TOG Speciation Profile Run Exhaust			Lbs/mi/yr	
CAS#	Chemical Name	Fraction	LDA	LDT
75070	Acetaldehyde	2.80E-03	3.24E-02	4.36E-02
107028	Acrolein	1.30E-03	1.51E-02	2.02E-02
71432	Benzene	2.47E-02	2.86E-01	3.85E-01
106990	1,3-Butadiene	5.50E-03	6.37E-02	8.56E-02
100414	Ethylbenzene	1.05E-02	1.22E-01	1.63E-01
50000	Formaldehyde	1.58E-02	1.83E-01	2.46E-01

110543	Hexane	1.60E-02	1.85E-01	2.49E-01
67561	Methanol	1.20E-03	1.39E-02	1.87E-02
78933	Methyl Ethyl Ketone	2.00E-04	2.32E-03	3.11E-03
91203	Naphthalene	5.00E-04	5.79E-03	7.78E-03
115071	Propylene	3.06E-02	3.54E-01	4.76E-01
100425	Styrene	1.20E-03	1.39E-02	1.87E-02
108883	Toluene	5.76E-02	6.67E-01	8.97E-01
1330207	Xylenes	4.80E-02	5.56E-01	7.47E-01
9901	Diesel	1.17E-02	1.21E+01	6.66E+00

CARB TOG Speciation Profile Evaporative Losses			**Lbs/mi/yr**	
CAS#	**Chemical Name**	**Fraction**	**LDA**	**LDT**
71432	Benzene	3.600E-03	4.17E-02	5.60E-02
100414	Ethylbenzene	1.180E-03	1.37E-02	1.84E-02
110543	Hexane	1.540E-02	1.78E-01	2.40E-01
108883	Toluene	1.700E-02	1.97E-01	2.65E-01
1330207	Xylenes	5.780E-03	6.69E-02	9.00E-02

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/30/2023
** File: D:\LSA\2023\ELS2201.69\Construction\Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE D:\LSA\2023\ELS2201.69\Construction\Construction.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 91660 Hemet,_California
   POLLUTID OTHER
   RUNORNOT RUN
   ERRORFIL Construction.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION CONST        AREAPOLY   498530.499  3733711.120      461.000
** Source Parameters **
   SRCPARAM CONST        5.2375E-06     3.048         8
   AREAVERT CONST        498530.499 3733711.120 498539.835 3733216.339
   AREAVERT CONST        498311.633 3733099.126 498263.919 3733075.269
   AREAVERT CONST        498222.428 3733057.635 498205.831 3733061.784
   AREAVERT CONST        498205.831 3733450.764 498209.980 3733712.158
   URBANSRC ALL
   SRCGROUP CONST    CONST
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Construction.rou
RE FINISHED
```

```
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\PERI_V9_ADJU\PERI_v9.SFC
   PROFFILE ..\PERI_V9_ADJU\PERI_v9.PFL
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 CONST 1ST Construction.AD\01H1G001.PLT 31
   PLOTFILE PERIOD CONST Construction.AD\PE00G001.PLT 32
   SUMMFILE Construction.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      68       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187      68       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        ***   MODEL SETUP OPTIONS SUMMARY   ***
- -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE = F
     * Model Uses NO WET DEPLETION. WETDPLT = F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   1 Source(s),
       for Total of   1 Urban Area(s):
  Urban Population =   91660.0 ; Urban Roughness Length = 1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
    and Calculates PERIOD Averages

**This Run Includes: 1 Source(s);   1 Source Group(s); and   3525 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 0 VOLUME source(s)
                and: 1 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

```
**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.9 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   Construction.err
**File for Summary of Results:   Construction.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
CONST	0	0.52375E-05	498530.5	3733711.1	461.0	3.05	8	0.00	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
CONST	CONST ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	91660.	CONST ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\PERI_V9_ADJU\PERI_v9.SFC Met Version: 16216
Profile file: ..\PERI_V9_ADJU\PERI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CONST	1ST HIGHEST VALUE IS	21.38683 AT (498278.70, 3733822.33, 460.00, 460.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	21.07941 AT (498269.07, 3733822.31, 460.00, 460.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	20.99966 AT (498326.84, 3733832.47, 460.00, 460.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	20.95245 AT (498317.21, 3733832.44, 460.00, 460.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	20.86584 AT (498240.20, 3733812.23, 460.00, 460.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	20.86068 AT (498307.57, 3733832.41, 460.00, 460.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	20.76863 AT (498156.01, 3733551.87, 461.00, 461.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	20.76321 AT (498156.01, 3733561.76, 461.00, 461.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	20.76162 AT (498156.01, 3733541.98, 461.00, 461.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	20.74486 AT (498156.01, 3733571.65, 461.00, 461.00, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CONST	1ST HIGH VALUE IS 178.22970	ON 16062906:	AT (498157.69, 3733033.08, 460.18, 460.18, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified (2.40 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

ME W186	68	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	68	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	
MX W450	17521	CHKDAT: Record Out of Sequence in Meteorological File at:	14010101
MX W450	17521	CHKDAT: Record Out of Sequence in Meteorological File at:	2 year gap

****
*** AERMOD Finishes Successfully ***
****

HARP2 - HRACalc (dated 22118) 1/1/2024 11:04:05 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 2

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Sensitive_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Sensitive_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Sensitive_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Sensitive_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Sensitive_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Sensitive_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 1/1/2024 11:13:46 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 2

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 2
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Worker_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Worker_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Worker_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Worker_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Worker_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2023\ELS2201.69\HARP_CONST\hra\Const_Worker_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/23/2024 10:23:38 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Sensitive_30Yr_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Sensitive_30Yr_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Sensitive_30Yr_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Sensitive_30Yr_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Sensitive_30Yr_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Sensitive_30Yr_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/23/2024 10:18:48 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Worker_25Yr_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Worker_25Yr_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Worker_25Yr_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Worker_25Yr_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Worker_25Yr_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\ELS2201.69 Revised\HARP_OP\hra\OP_Worker_25Yr_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP Project Summary Report 12/23/2024 10:30:07 AM

PROJECT INFORMATION
HARP Version: 22118
Project Name: HARP_OP
Project Output Directory: D:\LSA\2024\ELS2201.69 Revised\HARP_OP
HARP Database: NA

POLLUTANT HEALTH INFORMATION
Health Database: D:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH22013
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
75070	Acetaldehyde	0.01		470	140		300
107028	Acrolein			2.5	0.35		0.7
71432	Benzene	0.1		27	3		3
106990	1,3-Butadiene	0.6		660	2		9
100414	Ethyl Benzene	0.0087			2000		
50000	Formaldehyde	0.021		55	9		9
110543	Hexane				7000		
67561	Methanol			28000	4000		
78933	MEK			13000			
91203	Naphthalene	0.12			9		
115071	Propylene				3000		
100425	Styrene			21000	900		
108883	Toluene			5000	420		830
1330207	Xylenes			22000	700		
9901	DieselExhPM	1.1			5		

APPENDIX C

DETAILED ENERGY CALCULATIONS

Construction Off-Road Equipment										
Phase	Off-Road Equipment Type	Amount	Usage Hour/Day	Total Usage Days	Total Usage Hours/Equipment	Horsepower	Load Factor	Total Usage Hours/ Equipment	Horsepower-Hour	Fuel Usage (gallons)
Site Preparation	Rubber Tired Dozers	3	8	30	720	367	0.4	720	105696	5411.6352
	Tractors/Loaders/Backhoes	4	8	30	960	84	0.37	960	29836.8	1527.64416
Grading	Graders	1	8	35	280	148	0.41	280	16990.4	869.90848
	Excavators	2	8	35	560	36	0.38	560	7660.8	392.23296
	Tractors/Loaders/Backhoes	2	8	35	560	84	0.37	560	17404.8	891.12576
	Scrapers	2	8	35	560	423	0.48	560	113702.4	5821.56288
	Rubber Tired Dozers	1	8	35	280	367	0.4	280	41104	2104.5248
Building Construction	Forklifts	3	8	220	5280	82	0.2	5280	86592	4433.5104
	Generator Sets	1	8	220	1760	14	0.74	1760	18233.6	933.56032
	Cranes	1	7	220	1540	367	0.29	1540	163902.2	8391.79264
	Welders	1	8	220	1760	46	0.45	1760	36432	1865.3184
	Tractors/Loaders/Backhoes	3	7	220	4620	84	0.37	4620	143589.6	7351.78752
Paving	Pavers	2	8	20	320	81	0.42	320	10886.4	557.38368
	Paving Equipment	2	8	20	320	89	0.36	320	10252.8	524.94336
	Rollers	2	8	20	320	36	0.38	320	4377.6	224.13312
Architectural Coating	Air Compressors	1	6	110	660	37	0.48	660	11721.6	600.14592
									Total	**41901.2096** Diesel

Construction Truck and Construction Worker Vehicle Fuel Efficiency				
		EMFAC 2021 Outputs		
Vehicle Type	Vehicle Class	Fuel Consumption (1,000 gallons/day)	VMT (miles/ day)	Fuel Efficency (miles/gallon)
Construction Truck	MHDT	78.2	704552.2	9.0
	HHDT	672.1	4202412.6	6.3
	HHDT/MHDT	-	-	7.6
Construction Worker Vehicle	LDA	864.1	25913929.3	30.0
	LDT1	83.1	2050905.802	24.7
	LDT2	496.6	12228523.63	24.6
	Worker Mix	-	-	27.3

Notes:

[1] For construction trucks assumes 50 percent HHDT and 50 percent MHDT vehicles, consistent with assumptions in CalEEMod for hauling trucks. For construction worker vehicles assumes 50 percent LDA, 25 percent LDT1, and 25 percent LDT2 vehicles, consistent with assumptions in CalEEMod for worker vehicles.

[2] EMFAC2021 was run for Riverside County for the construction year 2025. Data was aggregated over all vehicle model years and speed bins.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Construction Vehicle Fuel Use - Diesel Vehicles							
Phase	Trip Type	Total Trips	Trip Length (miles)	Total VMT	Diesel Fuel Effiency (miles/gallon)	Fuel Usage (gallons/year)	
Grading	Hauling	22785	20	455700	6.0	75950.0	
Building Construction	Vendor	81483.6	10.2	831132.72	7.5	110817.7	
					Total	**186767.7**	Diesel

[1] Assumes 100 percent HHDT vehicles for haul trucks and 50 percent HHDT/50 percent MHDT vehicles for MHDT, consistent with assumptions in CalEEMod.

[2] EMFAC2021 was run for Riverside County for the construction year 2025. Data was aggregated over all vehicle model years and speed bins.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Construction Worker Vehicle Fuel Use - Gasoline Vehicles								
Phase	Total One-Way Trips/Day	Total Days	Total Trips	Trip Length (miles)	Total VMT	Gasoline Fuel Effiency (miles/gallon)	Fuel Usage (gallons/year)	
Site Preparation	17.5	30	1050	18.5	19425	26.3	738.6	
Grading	20	35	1400	18.5	25900	26.3	984.8	
Building Construction	474.6	220	208824	18.5	3863244	26.3	146891.4	
Paving	15	20	600	18.5	11100	26.3	422.1	
Architectural Coating	94.9	110	20878	18.5	386243	26.3	14686.0	
						Total	**163722.9**	Gas

Total Construction Gasoline Usage	163722.9
Total Construction Diesel Usage	228668.9

Proposed Project Operational Trips			
Vehicle Class	CalEEMod	Total Project Trips	Total Trips per Vehicle Class
LDA	0.5084	2174	1105.3
LDT1	0.03798	2174	82.6
LDT2	0.2049	2174	445.5
MDV	0.1583	2174	344.1
LHD1	0.03144	2174	68.4
LHD2	0.008964	2174	19.5
MHD	0.0269	2174	58.5
HHD	0	2174	0.0
OBUS	0	2174	0.0
UBUS	0	2174	0.0
MCY	0.02312	2174	50.3
SBUS	0	2174	0.0
MH	0	2174	0.0

Proposed Project Operational Trips – Fuel Efficiency						
		EMFAC2021 Outputs1				
Fuel	Vehicle Class	Fleet Mix (%)2	Consumption (1,000 gallons/day)	VMT (miles/day)	Fuel Efficiency3 (miles/gallon)	
Gas	LDA	52%	843.2	25836352.57	30.6	15.8
	LDT1	4%	80.1	2,017,862.2	25.2	1.0
	LDT2	25%	495.7	12,519,105.5	25.3	6.3
	MDV	17%	428.0	8,675,375.1	20.3	3.5
	LHD1	2%	62.0	887,366.4	14.3	0.3
	MCY	0%	4.3	181,404.5	42.2	0.2
	MH	0%	9.4	45,626.0	4.9	0.0
	Fleet Mix	–	–	–	27.0	27.0
Diesel	LHD2	6%	18.3	318,411.1	17.4	1.0
	MHDT	13%	78.6	711,810.7	9.1	1.2
	HHDT	81%	675.1	4,288,158.0	6.4	5.1
	Fleet Mix	–	–	–	7.4	7.4

Notes:

[1] EMFAC2021 was run for Riverside County for the operational year 2026. Data was aggregated over all vehicle model years and speed bins.

[2] Fleet mix is based on assumptions made in CalEEMod for the proposed project.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Proposed Project Operational Trips – Fuel Usage						
Land Use	Total Annual VMT2 (miles/year)	Fuel Type	Portion of Fleet3 (%)	VMT by Fuel Type (miles/year)	Fleet Mix Efficiency4 (miles/gallon)	Fuel Usage (gallons/ year)
Warehouse	8,407,536.00	Gas	96%	8106042	27.0	300082.0
		Diesel	4%	301528	7.4	40889.0
Warehouse HHDT	3,629,220.00	Diesel	100%	3629220	6.4	567065.6
					Total Gasoline/year	**300082.0**
					Total Diesel/year	**607954.6**

Notes:

[1] Calculated for operational year 2026 only. Future years will likely use less fuel due to more efficient cars.

[2] Total VMT is based on project's trip generation and trip lengths.

[3] Fleet distribution is based on EMFAC2021 output and CalEEMod assumptions.

[4] Fuel efficiency is based on fuel consumption and VMT data from EMFAC2021 for Riverside County and total VMT.

Proposed Project Electricity Usage	
Electricity by Land Use	**kWh/year**
Unrefrigerated Warehouse	3399242
Parking Lot	1148573
Total	**4,547,815**

Proposed Project Natural Gas Usage			
Natural Gas by Land Use	**kBTU/year**	**BTU/year**	**therms/year**
unrefrigerated warehouse	-	-	-
Parking Lot	0	0	0
Total	**-**	**-**	**-**