Kimley»Horn

MEMORANDUM

To:	Yenifer Cid, Associate Planner City of Riverside Community and Economic Development Department, Planning Division
From:	Ace Malisos, Kimley-Horn and Associates, Inc.
Date:	October 8, 2026
Subject:	Arlington Gas Station and Convenience Store Project – Health Risk Assessment

1.0 Purpose

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TACs) resulting from the Arlington Gas Station and Convenience Store Project (Project), located in the City of Riverside (City), California. This HRA was prepared in accordance with the requirements of the South Coast Air Quality Management District (SCAQMD) and guidance from the Office of Environmental Health Hazard Assessment (OEHHA).

2.0 Project Location and Description

The Project site is located on the southeastern corner of Arlington Avenue and Monroe Street in the City of Riverside (City), within Riverside County (County), approximately three miles west of the State Route 91 (SR-91), approximately seven miles west of the Interstate 215 (I-215), and approximately six miles east of Interstate 15 (I-15); refer to **Figure 1: Regional Location**. The Project site is bounded by Arlington Avenue to the north, Monroe Street to the west, and residences to the east and south. Commercial uses are located to the north and west, across Arlington Avenue and Monroe Street. The Project site is an irregular, vacant, and unimproved rectangular-shaped site on approximately 1.3 acres. Based on aerial imagery, the site is predominately vacant and annually covered with scattered natural grasses and a single tree located in the southwestern portion of the site; refer to **Figure 2: Local Vicinity**.

The proposed Project consists of the construction of a new gas station with a 7-Eleven convenience store. The Project proposes the development of a gas fueling area with 12 pumps at the eastern portion of the Project site. The Project also includes an approximately 4,650 square foot convenience store located on the northwestern portion of the site with associated facilities and improvements such as a kitchen, storage, and restroom spaces; refer to **Figure 3: Project Site** Plan. The store is proposed to operate 24 hours per day, seven days per week.

As noted above, the Project site is currently undeveloped, but it is immediately surrounded by developed properties. The Project as a whole encompasses several applications that will require approval by the City's Planning Commission and City Council.

1. General Plan Amendment: To amend the land use designation on parcels 191-150-033 and 191-150-032 from O (Office) to MU-V (Mixed Use – Village).
2. Rezone: To change the zone on parcels 191-150-033 and 191-150-032 from R-1-7000 (Single Family Residential) to CR (Commercial Retail) and parcel 191-150-031 from MU-V (Mixed Use – Village) to CR (Commercial Retail).
3. Conditional Use Permit: To permit the establishment of a gas station/convenience store with off-sale beer and wine sales in accordance with Table 19.150.020 of the City's Zoning Ordinance.
4. Design Review: Site design and building elevations.
5. Public Convenience and Necessity (PCN): For the off-sale consumption of alcohol from the convenience store. As of this writing, two off-sale licenses are allowed in this census tract per the allotment of the California Department of Beverage Control (ABC). Six off-sale licenses already exist in this census tract, and this establishment would increase that number to seven.
6. Variance (VR): To allow the sale of alcoholic beverages within 1,000 feet of an existing business licensed by the State of California for off-sale general alcoholic beverage with less than 15,000 square feet of gross floor area or that sells alcoholic beverages as its principal business.

Project Phasing and Construction

The Project is anticipated to be developed in one phase. Should the Project be approved, construction is anticipated to occur over a duration of approximately 14 months, commencing in the second half of 2026[1]; the Project would be operational in the second half of 2027.

[1] A conservative worst-case construction timeline has been modeled for analysis purposes. This involves modeling emissions at the earliest feasible date at the time the analysis was prepared. Although that assumed construction start date has since passed, the emissions analysis remains conservative because any future construction activity would occur with a newer construction equipment fleet subject to more stringent emissions standards, inspection and maintenance requirements, and ongoing fleet turnover. Pursuant to State regulations, heavy-duty vehicle and equipment operators are required to phase in cleaner and less polluting technologies over time. Accordingly, construction emissions associated with the Project would be expected to be lower than those disclosed herein if construction commences after the modeled start date. The use of the earliest feasible construction schedule therefore provides a conservative worst-case analysis and full disclosure of potential air quality impacts consistent with CEQA.

Figure 1: Regional Location

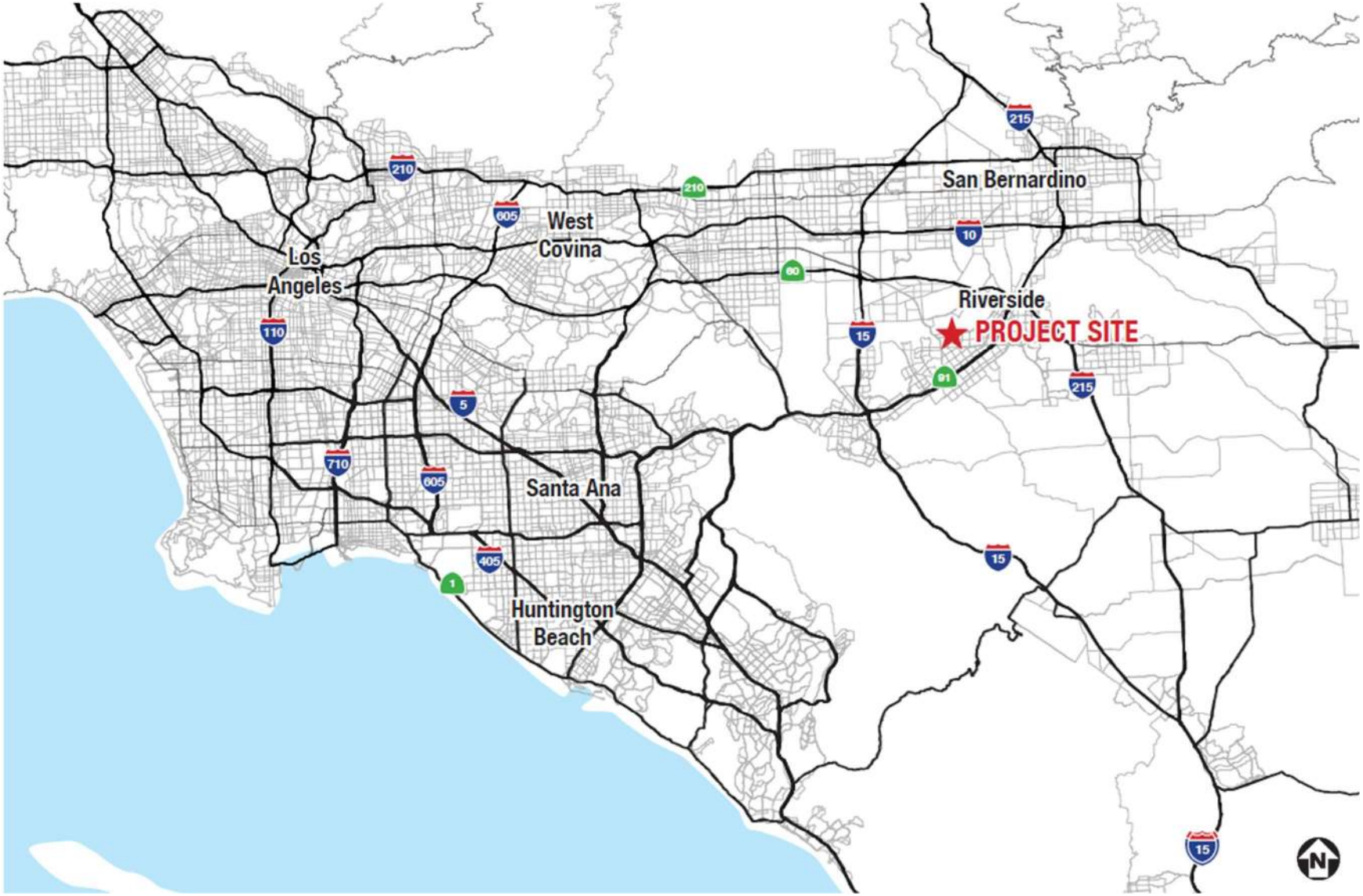
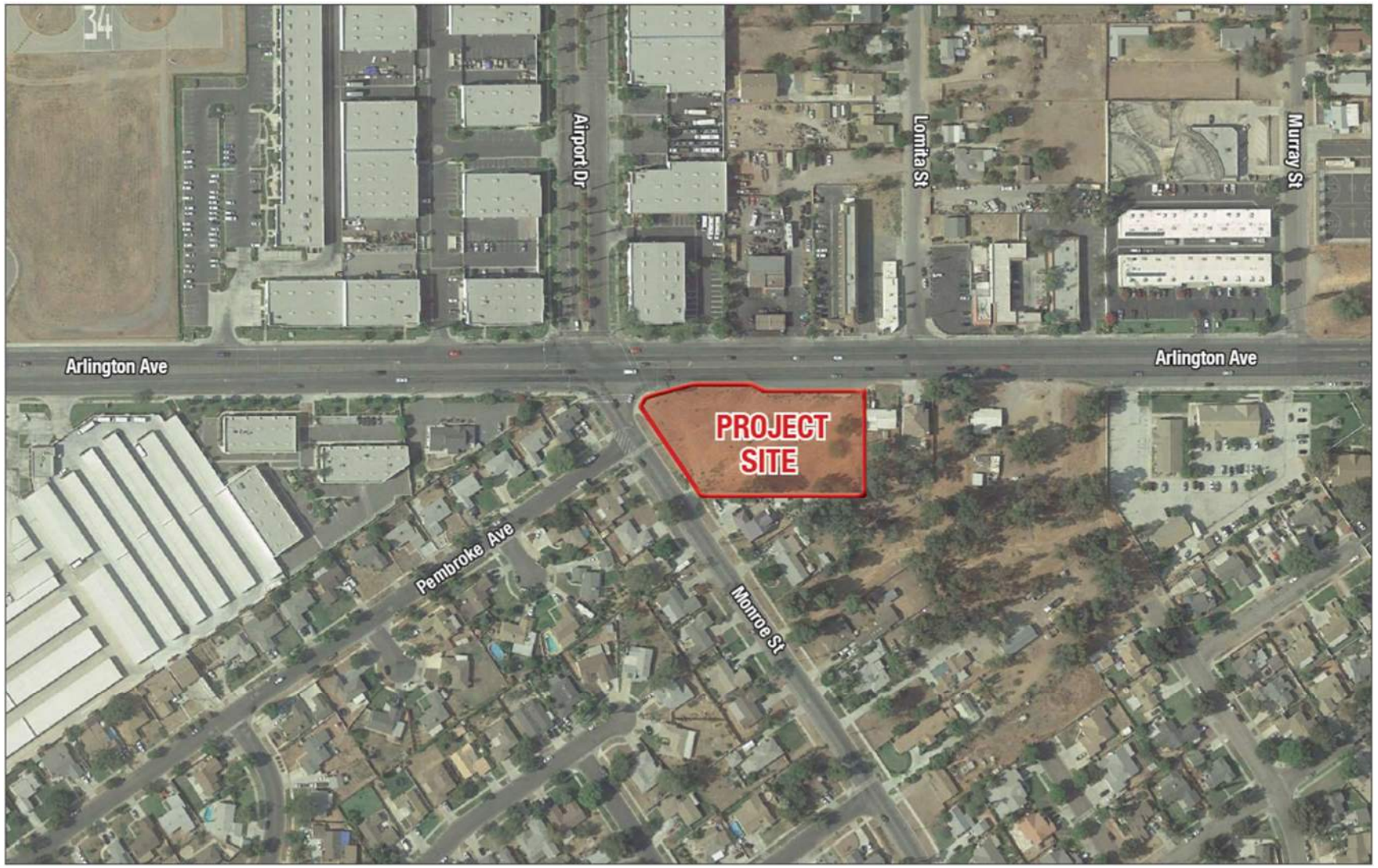
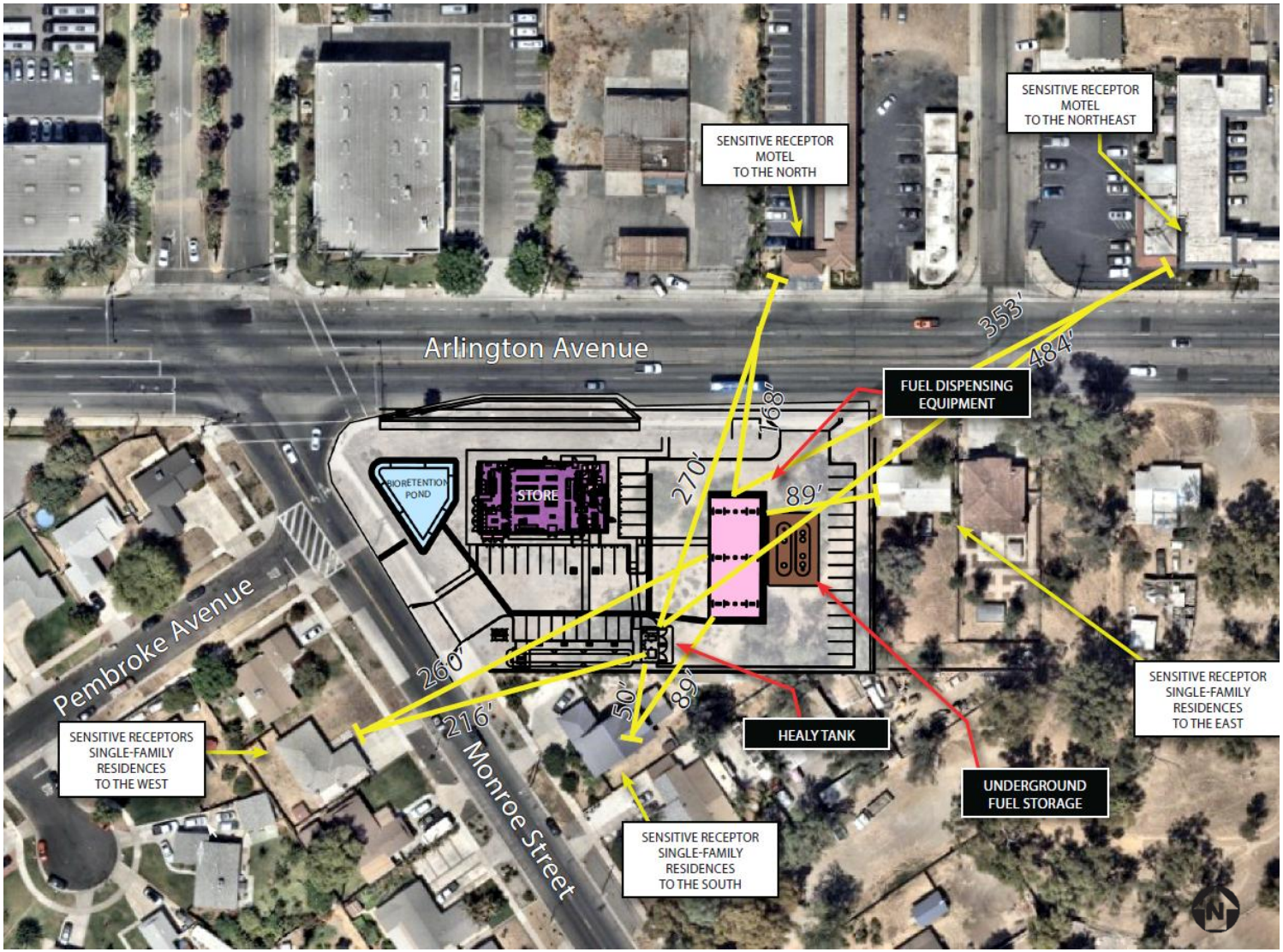


Figure 2: Local Vicinity



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Figure 3: Project Site Plan



3.0 Regulatory Setting

Federal

Federal Clean Air Act

The Federal Clean Air Act (FCAA) was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as hazardous air pollutants (HAPs), and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health and included benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and diesel particulate matter (DPM). More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the general public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated

the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[2] The particulate matter (PM) emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the oxides of nitrogen (NO_X) and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. In December 2022, the EPA final rule set new, more stringent standards to reduce NO_X pollution from heavy-duty vehicles and engines starting in model year 2027. The rule will reduce NO_X emissions from heavy-duty trucks by almost 50 percent by 2045, producing significant health-related benefits.[3]

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4 standards require that emissions of PM and NO_X be further reduced by about 90 percent from Tier 3 standards.

State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with Assembly Bill (AB) 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions. CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September

[2] United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

[3] United States Environmental Protection Agency (U.S. EPA), Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.

1992, AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce NO_X and PM emissions from new, off-road compression-ignition (CI) engines, by an additional 50 percent to 90 percent, compared to what is allowed by today's Tier 4 final emission standards.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.[4] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[5] The DRRP includes regulations for cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and NO_X emissions from existing diesel vehicles operating in California. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Heavier trucks were required to be retrofitted with PM filters beginning January 1, 2012, and older trucks were required to be replaced starting January 1, 2015. Effective January 1, 2023, nearly all trucks and buses are required to have 2010 model year engines or equivalent.

The regulation applies to most privately and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial

[4] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[5] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed March 2026.

vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero emission technology in the off-road sector. The 2022 Amendments will help meet the State's multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035. On January 3, 2025, the U.S. EPA granted California authorization for parts of the TRU ATCM but did not act on the zero-emission TRU fleet turnover requirements. CARB has withdrawn its request for the unapproved provisions and is assessing next steps.[6]

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged. Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle and off-road idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

California Energy Commission – Title 24 Building Energy Efficiency Standards

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in California Code of Regulations (CCR) Title 24 Part 6, were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods. The 2022 Energy Standards include requirements for mandatory mechanical ventilation intended to improve indoor air quality in homes, and requirements for Minimum Efficiency Reporting Value (MERV) 13 air filtration on space conditioning systems, and ventilation systems that provide outside air to a dwelling's occupiable space. The Residential Compliance Manual for the 2022 Building Energy Efficiency Standards notes that air filter efficiencies of at least MERV 13 protect occupants from exposure to the smaller airborne particles (i.e., $PM_{2.5}$) that are known to adversely affect respiratory health. CCR Title 24 Part 6 requires a particle size efficiency

[6] California Air Resources Board, *2022 Amendments to the TRU ATCM*, https://ww2.arb.ca.gov/our-work/programs/transport-refrigeration-unit, accessed March 2026.

rating equal to or greater than 50 percent in the 0.30 to 1.00 µm range and 85 percent in the 1.0 to 3.0 µm range.

CalEnviroScreen

OEHHA developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores. According to CalEnviroScreen, the Project Site is located within Census Tract 6065031502, which is within the 72nd overall percentile.[7] It should be noted that the CalEnviroScreen scores are relative to other census tracts and are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

CARB Advanced Clean Truck Regulation

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission "last-mile" delivery trucks and vans by 2040. However, on June 17, 2025, President Trump signed resolutions to revoke the U.S. EPA granted waivers for three California emission rules, including the Advanced Clean Truck Regulation waiver. Although these actions are being challenged in court, the Advanced Clean Truck Regulation cannot be enforced until these legal challenges are resolved.

Advanced Clean Cars I and II

Advanced Clean Cars combines several regulations into one package including the Low-Emission Vehicle (LEV) criteria and greenhouse gas regulations and the zero-emission vehicle (ZEV) regulation. Advanced Clean Cars I was adopted by CARB in 2012 and Advanced Clean Cars II was adopted in 2022. These regulations rapidly scale down emissions of light-duty passenger cars, pickup trucks and SUVs and require an increased number of zero-emission vehicles to meet air quality and climate change emissions goals. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions. The Advanced Clean Cars II regulations take the state's already growing zero-emission vehicle market and robust motor vehicle emission control rules and augments them to meet more aggressive tailpipe emissions standards and ramp up to 100 percent

[7] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (2022 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed March 2026.

zero-emission vehicles. However, on June 17, 2025, President Trump signed resolutions to revoke the U.S. EPA granted waivers for three California emission rules, including the Advanced Clean Cars II Regulation waiver. Although these actions are being challenged in court, the Advanced Clean Cars II Regulation cannot be enforced until these legal challenges are resolved.

CARB Advanced Clean Fleets Regulation

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, which includes requirements for drayage trucks transporting cargo to and from California's intermodal seaports and railyards. Under ACF, drayage trucks will be required to start transitioning to zero-emission technology beginning in 2024, with full implementation by 2035.

On January 13, 2025 California withdrew its request for federal approval of the ACF and is evaluating next steps. CARB will not enforce portions of the regulation requiring federal authorization, such as those affecting high-priority and drayage fleets. However, State and local government fleet requirements remain unchanged.[8]

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium- and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

Senate Bill 535

SB 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the Project Site is located within an SB 535 designated disadvantaged community

[8] California Air Resources Board, *ACF Waiver Update*, https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets, accessed March 2026.

(Census Tract 6065031502).[9] SB 535 does not include project specific requirements or prohibit developments in proximity to the designated communities.

Gasoline Dispensing Facility Vapor Recovery Regulations

Since 2001, CARB has adopted a number of significant enhancements to gasoline dispensing facilities' (GDFs') vapor recovery systems. These efforts are necessary to ensure the continued effective operation of the vapor recovery systems during the transfer and dispensing of gasoline at these facilities.

Vapor recovery systems collect gasoline vapors that would otherwise escape into the atmosphere during fuel delivery to the underground storage tanks (Phase I) or fuel storage and vehicle fueling (Phase II). The Enhanced Vapor Recovery (EVR) regulations became state law on April 1, 2001. These regulations provide more stringent requirements for vapor recovery systems in order to reduce gasoline vapor emissions.[10]

CARB Air Quality and Land Use Handbook – Gasoline Dispensing Facilities

CARB's *Air Quality and Land Use Handbook* (2005) recommends a 300-foot screening distance for siting new sensitive land uses near a large gasoline dispensing facility, defined as a facility with a throughput of 3.6 million gallons per year or greater. The proposed facility would have a maximum throughput of approximately 4.6 million gallons per year and therefore would be classified as a large gasoline dispensing facility under CARB's guidance. Accordingly, the applicable CARB screening distance for the Project is 300 feet. However, the 300-foot distance is a screening-level land use compatibility recommendation intended to identify projects that may warrant further evaluation; it is not a CEQA significance threshold, air quality standard, or regulatory setback requirement. Projects located within the recommended screening distance are not necessarily significant and may demonstrate, through project-specific health risk assessment modeling, that health risks are below applicable significance thresholds.

CARB's separate recommendation of a 50-foot separation distance applies to typical gas dispensing facilities with throughputs below 3.6 million gallons per year and is not applicable to the proposed facility. The cancer risk for a typical facility is likely to be less than 10 in a million at the fence line under urban air dispersion conditions.[11]

Gasoline Service Station Industrywide Risk Assessment Technical Guidance

CARB and the California Air Pollution Control Officers Association (CAPCOA) developed the 2021 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Manual (Technical

[9] California Office of Environmental Health Hazard Assessment, *Disadvantaged Communities Map*, https://oehha.ca.gov/calenviroscreen/sb535, accessed March 2026.
[10] The Proposed gasoline station is required to comply with the State's Gasoline Dispensing Facility Vapor Recovery Regulations.
[11] The project would have an annual throughput of approximately 4.6 million gallons per year. As the project has a greater throughput than the facilities used in the CARB Air Quality and Land Use Handbook to determine the screening distances, a project specific HRA has been conducted in this report.

Guidance) based on health analyses conducted to evaluate the health impacts of emissions from gasoline service stations operating throughout the state. The Technical Guidance provides an update to the CAPCOA Air Toxics "Hot Spots" Program Gasoline Service Station Industrywide Risk Assessment Guidelines (1997). The Technical Guidance also provides recommended procedures for preparing gas station emission inventories and HRAs to meet the requirements of individual facilities subject to AB 2588.

Gasoline Service Station Industrywide Risk Assessment Supplemental Policy Guidance Document

CARB developed the 2022 *Gasoline Service Station Industrywide Risk Assessment Supplemental Policy Guidance Document* (Supplemental Policy Guidance or Guidance) to provide recommendations regarding public policy for gas stations and discuss potential community-scale health impacts caused by gas station emissions. In addition to discussing community-scale health impacts, the Supplemental Policy Guidance provides considerations and recommendations for the siting and permitting of new and modified gas stations. The Guidance also outlines the significant challenges in addressing cumulative impacts from multiple sources of gas stations and other sources.

Regional

South Coast Air Quality Management District

The California Clean Air Act (CCAA) provides the SCAQMD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways. As a State agency, CARB regulates motor vehicles and fuels for their emissions.

Air Toxics Control Plan

The Air Toxics Control Plan (March 2000, revised March 26, 2004) is a planning document designed to examine the overall direction of the SCAQMD's air toxics control program. It includes development and implementation of strategic initiatives to monitor and control air toxics emissions. Control strategies that are deemed viable and are within the SCAQMD's jurisdiction will each be brought to the SCAQMD Board for further consideration through the normal public review process. Strategies that are to be implemented by other agencies will be developed in a cooperative effort, and the progress will be reported back to the Board periodically.

Multiple Air Toxics Exposure Study

The SCAQMD conducted an in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California. The Multiple Air Toxics Exposure Study in the South Coast Air Basin (SCAB) (MATES V) (August 2021) shows that carcinogenic risk from air toxics in the SCAB, based on the average concentrations at the 10 monitoring sites, is approximately 40 percent lower than the monitored average in MATES IV and 84 percent lower than the average in MATES II.

MATES V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the SCAB emissions. Therefore, MATES V study represents the baseline health risk for a cumulative analysis. MATES V estimates the average excess cancer risk level from exposure to TACs is 424 in one million basin wide. In comparison, the MATES IV basin average risk was 897 per million. These model estimates were based on monitoring data collected at ten fixed sites within the SCAB. MATES V has extrapolated the excess cancer risk levels throughout the SCAB by modeling the specific grids. MATES V modeling predicted an excess cancer risk of 383 in one million for the Project Site (zip code 92504).[12] DPM is included in this cancer risk along with all other TAC sources. DPM accounts for a majority of the total risk shown in MATES V in this area.

SCAQMD Rule 461, Gasoline Transfer and Dispensing

This rule requires testing of vapor recovery systems for gasoline dispensing facilities from certified vapor recovery testing companies and contractors. This rule applies to the transfer of gasoline from any tank truck, trailer, or railroad tank car into any stationary storage tank or mobile fueler, and from any stationary storage tank or mobile fueler into any mobile fueler or motor fuel tank. A vapor recovery system must be tested within 10 calendar days after initial operation of dispensing fuel. Additionally, vapor recovery systems must be tested annually (throughput less than 100,000 gallons per month) or semi-annually (throughput more than or equal to 100,000 gallons per month).

4.0 Health Risk Analysis

Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are in proximity to localized TAC sources are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. Sensitive land uses nearest to the Project are shown in **Table 1: Sensitive Receptors**.

[12] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?views=view_38%2Cview_1#data_s=id%3AdataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A282, accessed March 2026.

Table 1: Sensitive Receptors

Receptor Description	Distance and Direction from the Project[1]
Motel	95 feet to the north
Motel	180 feet to the northeast
Single-Family Residence	Adjacent (approximately 20 feet) to the south
Single-Family Residences	Adjacent (approximately 20 feet) to the east[2]
Single-Family Residences	90 feet to the west

1. Distance measured from the Project site boundary line to the receiver property line.
2. It is noted that the residence adjacent to the fuel pump area along Arlington Avenue is owned by the project applicant and is planned to be demolished and converted to commercial use in the future. As this residence currently exists, it has been included as a sensitive receptor in this analysis.

Source: Google Earth, 2026.

Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. The SCAQMD recommends that the following air pollution thresholds be used in determining whether the impacts from the Project are significant. If the Project has the potential to exceed the air pollution thresholds, the Project should be considered significant. The thresholds for air toxic emissions are as follows.

- **Excess (Incremental) Cancer Risk:** Emit contaminants that result in a maximum individual cancer risk (MICR) that equals or exceeds 10 in one million.
- **Non-Cancer Risk:** Emit contaminants that equal or exceed the maximum hazard index of 1.0.

Cancer risk is expressed in terms of expected incremental incidence per million population. As noted above, the SCAQMD has established an incremental increase rate of less than 10 in one million as the maximum acceptable incremental cancer risk due to TAC exposure. This threshold is an upper-bound incremental probability to determine whether or not a given project has a potentially significant development-specific and cumulative impact and to ensure an individual new source does not contribute a cumulatively significant impact. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these air toxics. Risk estimates should not be interpreted as the expected rates of disease in the exposed population but rather as an estimate of potential for disease, based on current knowledge and a number of assumptions. It is noted that the existing risk of contracting cancer from all airborne air toxics in the vicinity of the Project Site is 383 in a million, which is over 38 times more than the SCAQMD's threshold of 10 in one million.[13]

[13] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?views=view_38%2Cview_1#data_s=id%3AdataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A282, accessed March 2026.

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than 1.0 means that adverse health effects are not expected.

Methodology

Construction Sources. Construction would generate DPM emissions from the use of off-road diesel equipment required for demolition, grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary TAC of concern because it is the most potent TAC emitted from construction and includes hundreds of chemicals. Although DPM is a subset of PM_{10} exhaust, the analysis conservatively assumes all PM_{10} exhaust emissions are DPM. On-road diesel-powered haul trucks traveling to and from the construction site to deliver materials and equipment were conservatively included in the analysis, although they are typically less of a concern because they would not stay on the site for long durations.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the Project site. In compliance with state law (Section 2485 and Section 2449 of Title 13 of the California Code of Regulations), during construction activities, the construction contractor would be required to limit diesel construction truck/equipment idling to no more than five minutes, which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense period of construction, DPM emissions would be generated from different locations on the Project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time. Construction emission rates for PM_{10} (DPM) were calculated using the California Emissions Estimator Model (CalEEMod); refer to Appendix A. Project construction is proposed to commence in 2026 over approximately 14 months.

Operational (Fueling) Sources. Out of the toxic compounds emitted from gasoline stations, benzene, ethylbenzene, and naphthalene have cancer toxicity values. However, benzene is the TAC which drives the risk, accounting for 87 percent of cancer risk from gasoline vapors and constitutes more than three to four times the weight of gasoline than ethylbenzene and naphthalene, respectively. Additionally, there are substances emitted from gasoline stations, such as toluene and xylene which possess acute adverse health effects (though not cancer risk). However, it is not until the benzene concentrations are more than two orders of magnitude above the 10 per million cancer risk threshold that the emissions of toluene and xylene begin to cause adverse health effects, according to the California Air Pollution Control Officers Association's (CAPCOA) *Gasoline Service Station*

Industrywide Risk Assessment Guidelines.[14] Therefore, toluene and xylene emissions have not been modeled and are instead considered significant in the case that benzene concentrations are identified at two orders of magnitude above the 10 per million cancer risk threshold. Because benzene is the TOG with the highest risk and acute adverse health effects for gasoline stations, benzene and TOG are used interchangeably throughout this analysis.

TOG emissions would occur from the fuel storage tanks and fuel dispensers at the adjacent 76 gasoline station. The specific processes associated with fuel storage tanks and fuel dispensers that emit air toxics include loading, breathing, refueling, and spillage, as described below:

- Loading – Emissions occur when a fuel tanker truck unloads gasoline into the storage tanks. The storage tank vapors, displaced during loading, are emitted through its vent pipe. A required pressure/vacuum valve installed on the tank vent pipe significantly reduces these emissions.
- Breathing – Emissions occur through the storage tank vent pipe as a result of temperature and pressure changes in the tank vapor space.
- Refueling – Emissions occur during motor vehicle refueling when gasoline vapors escape through the vehicle/nozzle interface.
- Spillage – Emissions occur from evaporating gasoline that spills during vehicle refueling.

Fuel dispensing facility emissions were computed based on the maximum anticipated throughput of fuel (i.e., approximately 4.6 million gallons per year).[15] Emissions of benzene, ethylbenzene, and naphthalene, which are TACs, were computed using CARB emission factors for fuel dispensing facilities and average substance weight in vapor.[16] Total benzene, ethylbenzene, and naphthalene emissions were calculated at 8.96E-4, 1.63E-03, and 2.20E-04 pounds per hour, respectively; refer to Appendix A for the details of the calculations. The emission factors conservatively do not reflect control technologies required by any vapor recovery regulations later than 2013 (such as Certification Procedure for Vapor Recovery Systems for Enhanced Conventional [ECO] Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities [CP-207], Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities [CP-201]). These emissions factors are currently being updated by CARB.

[14] SCAQMD, *Emission Inventory and Risk Assessment Guidelines for Gasoline Dispensing Stations*, *Appendix A*, page 8, January 2007.

[15] The throughput and operational parameters used in this HRA would also be reflected in, and the Project therefore constrained by, subsequent SCAQMD permitting (e.g., gasoline dispensing facility permits). In other words, the modeled throughput is tied to the project description and permit-level design/operations that the facility must comply with independent of CEQA. Accordingly, the throughput value functions as an analytical parameter rather than a mitigation trigger, and does not need to be formalized as a mitigation measure where no significant impact has been identified. The throughput is explicitly disclosed to ensure transparency and consistency between the project description, technical analyses, and permitting framework.

[16] CAPCOA, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance,* February 2022.

Dispersion Modeling

The air dispersion modeling for the HRA was performed using the American Meteorological Society (AMS)/U.S. EPA Regulatory Model (AERMOD). AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources. AERMOD estimates hourly concentrations for each source/receptor pair and calculates concentrations for user-specified averaging times, including an average concentration for the complete simulation period. AERMOD includes atmospheric dispersion options for both urban and rural environments and can address flat, gently rolling, and complex terrain situations. The modeling and analysis were prepared in accordance with the SCAQMD Modeling Guidance for AERMOD.[17] The parameters used in AERMOD are detailed below.

- Meteorological Data. AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, atmospheric stability class, and mixing height. The latest 5-year meteorological data set from the Riverside Municipal Airport (KRAL), which is the closest station to the Project Site, was obtained from the SCAQMD.[18] Surface and upper air meteorological data from this monitoring station was selected as being the most representative for meteorology based on proximity to the Project Site as well as terrain, surrounding land use and surface characteristics.
- Project Sources. The emissions sources described above were modeled in AERMOD. The following parameters were used for each source (refer to Appendix A for a depiction of the source and receptor locations):
    - Construction sources were modeled as line volume sources (comprised of smaller adjacent volume sources) for on-site construction and off-site haul truck operations. Construction equipment operating on-site were assigned a release height of 12.5 feet (3.8 meters) and a plume height of 25 feet (7.7 meters) based on typical equipment height of 15 feet (4.5 meters). On-road construction trucks (hauling materials to and from the Project site) were assigned a release height of 8.4 feet (2.55 meters) and a plume height of 16.7 feet (5.1 meters) based on a vehicle height of 9.8 feet (3 meters). The methodology used to determine release and plume heights was based on U.S. EPA guidance for vehicle volume sources.[19]
    - Operational (fueling) sources were modeled as an area source in AERMOD.[20]

[17] South Coast Air Quality Management District, *South Coast AQMD Modeling Guidance for AERMOD*, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed March 2026.
[18] South Coast Air Quality Management District, *Meteorological Data for Dispersion Modeling*, https://www.aqmd.gov/home/air-quality/meteorological-data/data-for-aermod, accessed March 2026.
[19] U.S. EPA, *Haul Road Workgroup Final Report*, 2012, https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf, accessed March 2026.
[20] U.S. EPA, *Introduction to Area Source Emission Inventory Development*, January 2001.

- Receptor Grid. To identify the maximum impacted receptors, a uniform Cartesian grid was placed over the location of the proposed Project's future sensitive receptors. According to the SCAQMD, a grid spacing of 100 meters or less must be used to identify the maximum impacted receptors (i.e., peak cancer risk and peak hazard indices).[21] Due to the size of the Project Site, receptors were modeled with a maximum of 20-meter grid spacing.
- Terrain Characteristics. As recommended by the SCAQMD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD. AERMOD regulatory defaults, the "Urban" modeling option for the County, and "Elevated" terrain were used for this analysis.
- Averaging Times. AERMOD was run to obtain the peak 1-hour and annual average (period) concentration in micrograms per cubic meter ($\mu g/m^3$) of PM_{10} and TOG at the proposed Project's future sensitive receptors (i.e., residents).

AERMOD was used to estimate (a) annual average concentrations to calculate the Maximum Individual Cancer Risk (MICR), the maximum chronic HI and (b) peak hourly concentrations to calculate the health impact from substances with acute non-cancer health effects. Note that the concentration estimate developed using this methodology is conservative and is not a specific prediction of the actual concentrations that would occur at the Project Site any one point in time, which would likely be lower. Actual annual average concentrations are dependent on many variables, particularly the number and type of vehicles and trains operating at specific distances during time periods of adverse meteorology.

Risk and Hazard Assessment

Cancer Risk

Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM and TOG concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. It is important to note that exposure duration is based on continual operation fueling activities at the proposed gasoline station. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Dose-air	=	dose through inhalation (mg/kg/day)
C_{air}	=	air concentration ($\mu g/m^3$) from air dispersion model
(BR/BW)	=	daily breathing rate normalized to body weight (L/kg bodyweight-day)

[21] South Coast Air Quality Management District, *South Coast AQMD Modeling Guidance for AERMOD*, https://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed March 2026.

A	=	inhalation absorption factor (unitless)
EF	=	exposure frequency (approximately 350 days per year for residential)
10^{-6}	=	conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends default ASFs presented in **Table 2: Residential Exposure Assumptions**. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home.

Table 2: Residential Exposure Assumptions

Age	Exposure Frequency (days/year)[1]	Exposure Duration (years)[2]	Age Sensitivity Factor (ASF)[3]	Fraction of Time at Home (FAH)[4]	Daily Breathing Rate (L/kg BW-day)[5]
Third trimester	350	0.25	10	100%	361
0 to 2 years	350	2	10	100%	1,090
Ages 2 through 9 years	350	7	3	100%	631
Ages 9 through 16 years	350	7	3	100%	572
Ages 16 and greater	350	14	1	73%	261

1. The exposure frequency is based on OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015 (OEHHA Manual); refer to OEHHA Manual Section 5.4.1, Estimation of Exposure through Inhalation.
2. The total exposure duration for residential exposure is 30 years. The exposure duration for Project construction is 14 months
3. The age sensitivity factor is based on OEHHA Manual Table 8.3, *Age Sensitivity Factors by Age Group for Cancer Risk Assessment*.
4. The fraction of time at home is based on OEHHA Manual Section 8.2.2, *Fraction of Time Spent at Home for Cancer Risk Assessment*.
5. Daily breathing rate normalized to body weight (L/kg body weight – day) (95^{th} percentile for 3rd trimester to 2 years and 80^{th} percentile for other age groups) per OEHHA Manual Table 5.7, *Daily Breathing Rate Distributions by Age Group for Residential Stochastic Analysis (L/kg BW-day)*.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}res} = (Dose_{air} * CPF * ASF * (ED/AT) * FAH)$$

$Risk_{inh\text{-}res}$	=	residential inhalation cancer risk (potential chances per million)
$Dose_{air}$	=	daily dose through inhalation (mg/kg-day)
CPF	=	inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF	=	age sensitivity factor for a specified age group (unitless)
ED	=	exposure duration (years)
AT	=	averaging time of lifetime cancer risk (years)
FAH	=	fraction of time spent at home (unitless)

Chronic Non-Cancer Risk

Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The following equation was used to determine the non-cancer risk:

$$\text{Hazard Index} = C_i/REL_i$$

C_i = concentration in the air of substance i (annual average concentration in $\mu g/m^3$)
REL_i = chronic noncancer Reference Exposure Level for substance ($\mu g/m^3$)

Acute Non-Cancer Hazard

The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. The equation is as follows:

Acute HQ = Maximum Hourly Air Concentration ($\mu g/m^3$) / Acute REL ($\mu g/m^3$)

Health Risk Computation

A health risk computation was performed to determine the cancer risk and chronic non-cancer risk using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, dated February 2015 (OEHHA Guidance Manual). Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer risk to an individual as well as the chronic non-cancer risk hazard index.

The individual cancer and chronic non-cancer risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM) and TOG resulting from construction and operational activities at the adjacent gasoline station. As noted above, the chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual. The concentration estimates developed using this methodology are conservative and not a specific prediction of the actual concentrations that would occur at the Project Site at any given point in time. Actual 1-hour and annual average concentrations are dependent on many variables, particularly the number and types of vehicles and equipment operating at specific distances during periods of adverse meteorology. The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. Only the risk associated with the Project's worst-case location was assessed.

Health Risk Analysis

The health risk analysis evaluates impacts from Project construction and the proposed gasoline station to future potential receptors adjacent to the Project Site. The following health risk analysis has been prepared to evaluate health risks from these sources. The pollutant concentrations

modeled in AERMOD represent the exposure levels outdoors. OEHHA conservatively does not include indoor exposure adjustments for residents. However, the typical person spends the majority of time indoors rather than remaining outdoors in the same location for 24 hours a day.[22] Therefore, the AERMOD outdoor pollutant concentrations are conservative and may overstate actual exposure. According to the U.S. EPA's *Exposure Factor Handbook* (2011), on average, people spend 90 percent of their time indoors.

Table 3: Unmitigated Carcinogenic Risk Assessment shows the calculated carcinogenic risk at the Project Site from construction DPM and operational TOG gasoline station sources. Based on OEHHA Risk Assessment Guidelines, the exposure duration for a resident is 30 years, beginning with the third trimester. This represents the worst-case exposure scenario because it assumes a third trimester start age and a 30-year exposure duration, which incorporate 95 percentile breathing rates and age sensitivity factors. For this analysis, it is reasonably assumed that operations would commence following construction. As such, construction would not overlap with operations. The analysis calculates construction only risk, operational only risk, and a combined (construction then operational) risk. The combined risk is based on exposure to construction concentrations during the initial 14 months of the exposure duration and operational concentrations for the remainder of the exposure duration.

Table 3: Unmitigated Carcinogenic Risk Assessment

Exposure Scenario	Maximum Cancer Risk (Risk per Million)	Significance Threshold (per Million)	Threshold Exceeded?
Unmitigated Construction (Residential Exposure)	16.77	10	Yes
Unmitigated Operations (Gasoline Station)	4.31	10	No
Unmitigated Construction and Operations (Combined Scenario)	20.14	10	Yes

$\mu g/m^3$ = micrograms per cubic meter; N/A = not applicable
Refer to Appendix A: Modeling Data.

Table 3 shows that unmitigated construction emissions would exceed the 10 in one million threshold. Therefore, **Project Design Feature (PDF) AQ-1** is required to ensure the Project uses low DPM emitting construction equipment. **PDF AQ-1** ensures that any diesel-powered construction equipment greater than 50 horsepower will use Tier 4 engines or incorporate CARB Level 3 Verified Diesel Emissions Control Strategy, equipment will be properly maintained, and truck idling will be kept to a minimum to reduce DPM emissions. **Table 4: Mitigated Construction and Unmitigated Operational Carcinogenic Risk Assessment** shows that **PDF AQ-1** would reduce construction

[22] California Air Resources Board Research Division and University of California, Berkeley, *Activity Patterns of California Residents,* May 1991. The study indicates that on average, adults and adolescents in California spent almost 15 hours per day inside their homes, and 6 hours in other indoor locations, for a total of 21 hours (87% of the day). Approximately two hours per day were spent in transit, and just over one hour per day was spent in outdoor locations.

health risk below the 10 in one million threshold. Additionally, **Table 4** also shows that unmitigated operational health risk would not exceed the 10 in one million threshold. Furthermore, the combined construction and operational scenario would also be less than significant.

Table 4: Mitigated Construction and Unmitigated Operational Carcinogenic Risk Assessment

Exposure Scenario	Maximum Cancer Risk (Risk per Million)	Significance Threshold (per Million)	Threshold Exceeded?
Mitigated Construction (Residential Exposure)	3.16	10	No
Unmitigated Operations (Gasoline Station)	4.31	10	No
Mitigated Construction and Unmitigated Operations (Combined Scenario)	6.54	10	No

µg/m^3 = micrograms per cubic meter; N/A = not applicable
Refer to Appendix A: Modeling Data.

Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[23] The REL for TOG varies by TAC; refer to Appendix A. It should be noted that there is no acute REL for DPM and the acute health risk cannot be calculated.

Acute and chronic impacts are shown in **Table 5: Chronic and Acute Hazard Assessment Results**. A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the acute or chronic exposure by the REL. **Table 5** shows that non-carcinogenic hazards are calculated to be within acceptable limits.

[23] California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary, accessed March 2026.

Table 5: Chronic and Acute Hazard Assessment Results

Exposure Scenario Source	Chronic Hazard	Acute Hazard
Construction (Unmitigated)	0.029	N/A
Gasoline Station	0.018	0.05
Total	**0.047**	**0.05**
SCAQMD Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**

N/A = Not Applicable
1. The reported pollutant concentration is at the maximally exposed individual receptor.
Source: Refer to Appendix A.

Conclusion

As described above, the carcinogenic sensitive receptors would not exceed the SCAQMD's threshold of 10 in one million with the implementation **PDF AQ-1**. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. It should be noted that the incremental contribution to health risk impacts on sensitive receptors was assessed, consistent with the OEHHA guidance and methodology. The SCAQMD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The SCAQMD considers projects that do not exceed the threshold of 10 in one million to generally not be cumulatively significant.

Project Design Features:

The following Project Design Feature (PDF) would be incorporated into the Project design and constructed or implemented as part of the Project. In general, PDFs are specific design and/or operational characteristics proposed by the Applicant that are incorporated into the Project and part of the Project description. Because PDFs are incorporated into the Project, they do not constitute mitigation measures.

PDF AQ-1 Prior to the issuance of grading permits, the City Engineer shall confirm that the Grading Plan, Building Plans and Specifications require all construction contractors to incorporate the following measures to minimize construction emissions. These features shall be included in applicable bid documents and included on the grading plans.

- All off-road diesel-powered construction equipment greater than 50 horsepower meets California Air Resources Board Tier 4 Final off-road emissions standards or incorporate CARB Level 3 Verified Diesel Emission Control Strategy (VDECS) (to reduce PM emissions by at least 85 percent or to achieve PM emissions levels of 0.01 grams per brake-horsepower-hour or less, per Title 13, California Code of Regulations, Sections 2700-2710). Requirements for Tier 4 Final equipment and the option for Level 3 VDECS shall be included in applicable bid documents and successful contractor(s) must demonstrate the ability to supply such equipment. A copy of each unit's Best Available Control Technology (BACT) documentation (certified tier

specification or model year specification), and CARB or SCAQMD operating permit (if applicable) shall be provided to the City at the time of mobilization of each applicable unit of equipment.

- Construction equipment shall be properly maintained according to manufacturer specifications.
- All diesel-powered construction equipment, delivery vehicles, and delivery trucks shall be turned off when not in use. On-site idling shall be limited to three minutes in any one hour.

Level of Significance: Less than significant impact with PDF incorporated.

5.0 References

1. California Air Pollution Control Officers Association (CAPCOA), *Gasoline Service Station Industrywide Risk Assessment Technical Guidance,* February 2022.
2. California Air Resources Board (CARB), *2022 Amendments to the TRU ATCM*, https://ww2.arb.ca.gov/our-work/programs/transport-refrigeration-unit, accessed March 2026.
3. CARB, *ACF Waiver Update*, https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets, accessed March 2026.
4. CARB, *Air Quality and Land Use Handbook: A Community Health Perspective*, April 2005.
5. CARB, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed March 2026.
6. CARB, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.
7. CARB Research Division and University of California, Berkeley, *Activity Patterns of California Residents,* May 1991.
8. California Office of Environmental Health Hazard Assessment (OEHHA), *Air Toxics Hot Spots Program Risk Assessment Guidelines*, August 2003.
9. OEHHA, *Air Toxics Hot Spots Program Risk Assessment Guidance Manual for Preparation of Health Risk Assessments*, February 2015.
10. OEHHA*, CalEnviroScreen 4.0 Results (2022 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed March 2026.
11. OEHHA, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary, accessed March 2026.
12. Lakes Environmental, *AERMOD View Gaussian Plume Air Dispersion Model*, Version 13.0.0.
13. South Coast Air Quality Management District (SCAQMD), *Air Toxics Control Plan for the Next Ten Years*, March 2000.
14. SCAQMD, Addendum to the *Air Toxics Control Plan*, March 2004.
15. SCAQMD, *Meteorological Data for Dispersion Modeling,* https://www.aqmd.gov/home/air-quality/meteorological-data/data-for-aermod, accessed March 2026.
16. SCAQMD, *Multiple Air Toxics Exposure Study (MATES V)*, August 2021.
17. SCAQMD, *SCAQMD Modeling Guidance for AERMOD*, https://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed March 2026.

18. United States Environmental Protection Agency (U.S. EPA), *Exposure Factors Handbook: 2011 Edition*, September 2011.
19. United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.
20. United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.
21. United States Environmental Protection Agency (U.S. EPA), *Introduction to Area Source Emission Inventory Development*, January 2001.

Appendix A

Modeling Data

7-Eleven Arlington Gas Station Detailed Report

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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

5.10.2. 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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures
7. Health and Equity Details
7.1. CalEnviroScreen 4.0 Scores
7.2. Healthy Places Index Scores
7.3. Overall Health & Equity Scores
7.4. Health & Equity Measures
7.5. Evaluation Scorecard
7.6. Health & Equity Custom Measures
8. User Changes to Default Data
8.1. Justifications
8.3. Land Use
8.4. Construction
8.4.1. Construction Phases
8.5. Operations
8.5.1. Mobile Sources
8.5.1.1. Vehicle Data
8.6. Measure Input Overrides
8.6.1. Construction Measure Inputs

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	7-Eleven Arlington Gas Station
Construction Start Date	9/1/2026
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20000
Precipitation (days)	18.0000
Location	33.94563343272887, -117.44483998597256
County	Riverside-South Coast
City	Riverside
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5422
EDFZ	11
Electric Utility	City of Riverside
Gas Utility	Southern California Gas
App Version	2022.1.1.41

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

Convenience Market with Gas Pumps	12.0000	Pump	0.03889	4,650.00	2,599.00	—	—	—
Parking Lot	49.3790	1000sqft	1.13359	0.00000	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.74280	1.46721	12.8959	14.7517	0.02266	0.57894	1.97218	2.55112	0.53263	0.92107	1.45369	—	2,592.96	2,592.96	0.10543	0.02466	0.46717	2,603.41
Mit.	0.23003	0.22529	1.34462	11.4095	0.01794	0.05207	1.97218	2.00878	0.04956	0.92107	0.95766	—	2,081.94	2,081.94	0.08470	0.02051	0.46717	2,090.64
% Reduced	87%	85%	90%	23%	21%	91%	—	21%	91%	—	34%	—	20%	20%	20%	17%	—	20%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.82384	5.79989	12.9005	14.5782	0.02266	0.57894	1.97218	2.55112	0.53263	0.92107	1.45369	—	2,581.86	2,581.86	0.10157	0.02488	0.01363	2,591.83
Mit.	5.68669	5.68654	1.35147	11.2360	0.01794	0.05252	1.97218	2.00878	0.04997	0.92107	0.95766	—	2,070.84	2,070.84	0.08084	0.02073	0.01363	2,079.06
% Reduced	2%	2%	90%	23%	21%	91%	—	21%	91%	—	34%	—	20%	20%	20%	17%	—	20%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.83517	0.72253	4.73437	5.76141	0.01117	0.15010	0.15591	0.24642	0.13811	0.07185	0.15512	—	1,055.94	1,055.94	0.04224	0.01077	0.03450	1,060.24
Mit.	0.29558	0.28303	0.78195	3.84982	0.00665	0.02968	0.15025	0.16113	0.02826	0.07124	0.08172	—	706.352	706.352	0.02806	0.00793	0.03450	709.451
% Reduced	65%	61%	83%	33%	40%	80%	4%	35%	80%	—	47%	—	33%	33%	34%	26%	—	33%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.15242	0.13186	0.86402	1.05146	0.00204	0.02739	0.02845	0.04497	0.02521	0.01311	0.02831	—	174.823	174.823	0.00699	0.00178	0.00571	175.535
Mit.	0.05394	0.05165	0.14271	0.70259	0.00121	0.00542	0.02742	0.02941	0.00516	0.01300	0.01491	—	116.945	116.945	0.00464	0.00131	0.00571	117.458
% Reduced	65%	61%	83%	33%	40%	80%	4%	35%	80%	1%	47%	—	33%	33%	34%	26%	—	33%

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.74280	1.46721	12.8959	14.7517	0.02266	0.57894	1.97218	2.55112	0.53263	0.92107	1.45369	—	2,592.96	2,592.96	0.10543	0.02466	0.46717	2,603.41
2027	1.17480	0.97749	8.28210	10.0134	0.01959	0.26166	0.02597	0.28763	0.24075	0.00636	0.24712	—	1,843.58	1,843.58	0.07381	0.01869	0.11992	1,851.11
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.74059	1.46479	12.9005	14.5782	0.02266	0.57894	1.97218	2.55112	0.53263	0.92107	1.45369	—	2,581.86	2,581.86	0.10157	0.02488	0.01213	2,591.83
2027	5.82384	5.79989	8.28383	9.98948	0.01959	0.26166	0.16339	0.33204	0.24075	0.03830	0.24712	—	1,841.98	1,841.98	0.07383	0.01869	0.01363	1,849.39
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.32546	0.27203	2.33207	2.67249	0.00478	0.09050	0.15591	0.24642	0.08327	0.07185	0.15512	—	483.523	483.523	0.01924	0.00482	0.02343	485.464
2027	0.83517	0.72253	4.73437	5.76141	0.01117	0.15010	0.01836	0.16846	0.13811	0.00445	0.14256	—	1,055.94	1,055.94	0.04224	0.01077	0.03450	1,060.24
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	0.05940	0.04964	0.42560	0.48773	0.00087	0.01652	0.02845	0.04497	0.01520	0.01311	0.02831	—	80.0528	80.0528	0.00319	0.00080	0.00388	80.3742
2027	0.15242	0.13186	0.86402	1.05146	0.00204	0.02739	0.00335	0.03074	0.02521	0.00081	0.02602	—	174.823	174.823	0.00699	0.00178	0.00571	175.535

2.2.2. Onsite 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.69573	1.42488	12.8567	14.0337	0.02266	0.57894	1.84147	2.42041	0.53263	0.89043	1.42306	—	2,455.05	2,455.05	0.09959	0.01992	0.00000	2,463.47
2027	1.16707	0.97105	8.25338	9.90715	0.01942	0.26132	0.00000	0.26132	0.24041	0.00000	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	0.00000	1,807.09
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.69573	1.42488	12.8567	14.0337	0.02266	0.57894	1.84147	2.42041	0.53263	0.89043	1.42306	—	2,455.05	2,455.05	0.09959	0.01992	0.00000	2,463.47
2027	5.82257	5.79876	8.25338	9.90715	0.01942	0.26132	0.00000	0.26132	0.24041	0.00000	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	0.00000	1,807.09
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.32105	0.26818	2.32350	2.61705	0.00476	0.09045	0.14260	0.23305	0.08321	0.06869	0.15190	—	467.703	467.703	0.01897	0.00379	0.00000	469.308
2027	0.82970	0.71794	4.71577	5.69698	0.01107	0.14991	0.00000	0.14991	0.13792	0.00000	0.13792	—	1,029.01	1,029.01	0.04174	0.00835	0.00000	1,032.54
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.05859	0.04894	0.42404	0.47761	0.00087	0.01651	0.02602	0.04253	0.01519	0.01254	0.02772	—	77.4336	77.4336	0.00314	0.00063	0.00000	77.6993
2027	0.15142	0.13102	0.86063	1.03970	0.00202	0.02736	0.00000	0.02736	0.02517	0.00000	0.02517	—	170.364	170.364	0.00691	0.00138	0.00000	170.948

2.2.3. Offsite 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	0.04707	0.04233	0.03924	0.71805	0.00000	0.00000	0.13071	0.13071	0.00000	0.03064	0.03064	—	137.912	137.912	0.00584	0.00474	0.46717	139.938
2027	0.00773	0.00644	0.02872	0.10623	0.00017	0.00034	0.02597	0.02631	0.00034	0.00636	0.00670	—	42.6634	42.6634	0.00076	0.00408	0.11992	44.0178
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04486	0.03990	0.04376	0.54454	0.00017	0.00034	0.13071	0.13071	0.00034	0.03064	0.03064	—	126.813	126.813	0.00198	0.00496	0.01213	128.353
2027	0.05360	0.04740	0.04905	0.62763	0.00017	0.00034	0.16339	0.16339	0.00034	0.03830	0.03830	—	155.611	155.611	0.00220	0.00592	0.01363	157.446
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00441	0.00385	0.00857	0.05545	0.00003	0.00005	0.01331	0.01337	0.00005	0.00316	0.00321	—	15.8201	15.8201	0.00027	0.00103	0.02343	16.1564
2027	0.00547	0.00459	0.01861	0.06443	0.00010	0.00019	0.01836	0.01855	0.00019	0.00445	0.00464	—	26.9349	26.9349	0.00049	0.00242	0.03450	27.7021
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00080	0.00070	0.00156	0.01012	< 0.000005	0.00001	0.00243	0.00244	0.00001	0.00058	0.00059	—	2.61920	2.61920	0.00004	0.00017	0.00388	2.67488
2027	0.00100	0.00084	0.00340	0.01176	0.00002	0.00003	0.00335	0.00339	0.00003	0.00081	0.00085	—	4.45938	4.45938	0.00008	0.00040	0.00571	4.58640

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.23003	0.22529	0.99067	11.4095	0.01794	0.03659	1.97218	2.00878	0.03659	0.92107	0.95766	—	2,081.94	2,081.94	0.08470	0.02051	0.46717	2,090.64
2027	0.22831	0.20641	1.34462	6.61155	0.01155	0.05207	0.02597	0.07804	0.04956	0.00636	0.05592	—	1,221.14	1,221.14	0.04856	0.01364	0.11992	1,226.54
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.22876	0.22287	1.35147	11.2360	0.01794	0.05252	1.97218	2.00878	0.04997	0.92107	0.95766	—	2,070.84	2,070.84	0.08084	0.02073	0.01213	2,079.06
2027	5.68669	5.68654	1.34701	7.51839	0.01155	0.05207	0.16339	0.19321	0.04956	0.03830	0.06716	—	1,219.54	1,219.54	0.04858	0.01397	0.01363	1,224.83
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	0.05232	0.04852	0.28430	1.83889	0.00311	0.01088	0.15025	0.16113	0.01048	0.07124	0.08172	—	341.732	341.732	0.01349	0.00367	0.02343	343.187
2027	0.29558	0.28303	0.78195	3.84982	0.00665	0.02968	0.01836	0.04804	0.02826	0.00445	0.03271	—	706.352	706.352	0.02806	0.00793	0.03450	709.451
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00955	0.00885	0.05188	0.33560	0.00057	0.00199	0.02742	0.02941	0.00191	0.01300	0.01491	—	56.5777	56.5777	0.00223	0.00061	0.00388	56.8185
2027	0.05394	0.05165	0.14271	0.70259	0.00121	0.00542	0.00335	0.00877	0.00516	0.00081	0.00597	—	116.945	116.945	0.00464	0.00131	0.00571	117.458

2.2.5. Onsite 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.18297	0.18297	0.95142	10.6915	0.01794	0.03659	1.84147	1.87807	0.03659	0.89043	0.92702	—	1,944.03	1,944.03	0.07886	0.01577	0.00000	1,950.70
2027	0.22059	0.19997	1.31590	6.50531	0.01138	0.05173	0.00000	0.05173	0.04922	0.00000	0.04922	—	1,178.48	1,178.48	0.04780	0.00956	0.00000	1,182.53
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.22107	0.20037	1.31941	10.6915	0.01794	0.05217	1.84147	1.87807	0.04963	0.89043	0.92702	—	1,944.03	1,944.03	0.07886	0.01577	0.00000	1,950.70
2027	5.68542	5.68542	1.31590	6.89076	0.01138	0.05173	0.00000	0.05173	0.04922	0.00000	0.04922	—	1,178.48	1,178.48	0.04780	0.00956	0.00000	1,182.53
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04791	0.04467	0.27572	1.78345	0.00309	0.01083	0.13694	0.14776	0.01043	0.06808	0.07851	—	325.912	325.912	0.01322	0.00264	0.00000	327.031
2027	0.29011	0.27844	0.76335	3.78539	0.00655	0.02949	0.00000	0.02949	0.02807	0.00000	0.02807	—	679.417	679.417	0.02756	0.00551	0.00000	681.749
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00874	0.00815	0.05032	0.32548	0.00056	0.00198	0.02499	0.02697	0.00190	0.01242	0.01433	—	53.9585	53.9585	0.00219	0.00044	0.00000	54.1437
2027	0.05295	0.05082	0.13931	0.69083	0.00120	0.00538	0.00000	0.00538	0.00512	0.00000	0.00512	—	112.485	112.485	0.00456	0.00091	0.00000	112.871

2.2.6. Offsite 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04707	0.04233	0.03924	0.71805	0.00000	0.00000	0.13071	0.13071	0.00000	0.03064	0.03064	—	137.912	137.912	0.00584	0.00474	0.46717	139.938
2027	0.00773	0.00644	0.02872	0.10623	0.00017	0.00034	0.02597	0.02631	0.00034	0.00636	0.00670	—	42.6634	42.6634	0.00076	0.00408	0.11992	44.0178
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04486	0.03990	0.04376	0.54454	0.00017	0.00034	0.13071	0.13071	0.00034	0.03064	0.03064	—	126.813	126.813	0.00198	0.00496	0.01213	128.353
2027	0.05360	0.04740	0.04905	0.62763	0.00017	0.00034	0.16339	0.16339	0.00034	0.03830	0.03830	—	155.611	155.611	0.00220	0.00592	0.01363	157.446
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00441	0.00385	0.00857	0.05545	0.00003	0.00005	0.01331	0.01337	0.00005	0.00316	0.00321	—	15.8201	15.8201	0.00027	0.00103	0.02343	16.1564
2027	0.00547	0.00459	0.01861	0.06443	0.00010	0.00019	0.01836	0.01855	0.00019	0.00445	0.00464	—	26.9349	26.9349	0.00049	0.00242	0.03450	27.7021
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00080	0.00070	0.00156	0.01012	< 0.000005	0.00001	0.00243	0.00244	0.00001	0.00058	0.00059	—	2.61920	2.61920	0.00004	0.00017	0.00388	2.67488
2027	0.00100	0.00084	0.00340	0.01176	0.00002	0.00003	0.00335	0.00339	0.00003	0.00081	0.00085	—	4.45938	4.45938	0.00008	0.00040	0.00571	4.58640

2.3. 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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.58866	3.27778	3.14629	29.9572	0.07847	0.05748	6.97515	7.03262	0.05402	1.77031	1.82433	2.98090	8,271.21	8,274.19	0.60642	0.34361	989.426	9,381.17
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.36246	3.05378	3.36953	24.7843	0.07364	0.05715	6.97515	7.03229	0.05377	1.77031	1.82408	2.98090	7,783.40	7,786.38	0.61574	0.35457	964.693	8,872.13

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.36496	3.05336	3.43443	25.8413	0.07434	0.05738	6.89470	6.95208	0.05394	1.75020	1.80414	2.98090	7,854.40	7,857.38	0.61651	0.35782	974.998	8,954.42
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.61410	0.55724	0.62678	4.71604	0.01357	0.01047	1.25828	1.26875	0.00984	0.31941	0.32926	0.49352	1,300.38	1,300.88	0.10207	0.05924	161.422	1,482.51

2.4. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.43140	3.12444	3.12363	29.7374	0.07833	0.05552	6.97515	7.03067	0.05215	1.77031	1.82246	—	8,012.62	8,012.62	0.28813	0.34084	25.3912	8,146.79
Area	0.15496	0.15218	0.00170	0.20223	0.00001	0.00036	—	0.00036	0.00027	—	0.00027	—	0.83164	0.83164	0.00003	0.00001	—	0.83464
Energy	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	256.464	256.464	0.01961	0.00216	—	257.596
Water	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Waste	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	3.58866	3.27778	3.14629	29.9572	0.07847	0.05748	6.97515	7.03262	0.05402	1.77031	1.82433	2.98090	8,271.21	8,274.19	0.60642	0.34361	989.426	9,381.17
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.24119	2.93365	3.34857	24.7667	0.07351	0.05555	6.97515	7.03070	0.05218	1.77031	1.82249	—	7,525.64	7,525.64	0.29747	0.35182	0.65837	7,638.58
Area	0.11897	0.11897	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	256.464	256.464	0.01961	0.00216	—	257.596
Water	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Waste	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	3.36246	3.05378	3.36953	24.7843	0.07364	0.05715	6.97515	7.03229	0.05377	1.77031	1.82408	2.98090	7,783.40	7,786.38	0.61574	0.35457	964.693	8,872.13

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.21903	2.91049	3.41230	25.6852	0.07421	0.05554	6.89470	6.95024	0.05216	1.75020	1.80236	—	7,596.07	7,596.07	0.29822	0.35506	10.9637	7,720.30
Area	0.14362	0.14172	0.00117	0.13852	0.00001	0.00025	—	0.00025	0.00019	—	0.00019	—	0.56961	0.56961	0.00002	< 0.000005	—	0.57167
Energy	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	256.464	256.464	0.01961	0.00216	—	257.596
Water	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Waste	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	3.36496	3.05336	3.43443	25.8413	0.07434	0.05738	6.89470	6.95208	0.05394	1.75020	1.80414	2.98090	7,854.40	7,857.38	0.61651	0.35782	974.998	8,954.42
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.58747	0.53116	0.62274	4.68755	0.01354	0.01014	1.25828	1.26842	0.00952	0.31941	0.32893	—	1,257.62	1,257.62	0.04937	0.05879	1.81517	1,278.18
Area	0.02621	0.02586	0.00021	0.02528	< 0.000005	0.00004	—	0.00004	0.00003	—	0.00003	—	0.09431	0.09431	< 0.000005	< 0.000005	—	0.09465
Energy	0.00042	0.00021	0.00383	0.00321	0.00002	0.00029	—	0.00029	0.00029	—	0.00029	—	42.4605	42.4605	0.00325	0.00036	—	42.6480
Water	—	—	—	—	—	—	—	—	—	—	—	0.03981	0.21366	0.25347	0.00410	0.00010	—	0.38541
Waste	—	—	—	—	—	—	—	—	—	—	—	0.45371	0.00000	0.45371	0.04535	0.00000	—	1.58738
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	159.607	159.607
Total	0.61410	0.55724	0.62678	4.71604	0.01357	0.01047	1.25828	1.26875	0.00984	0.31941	0.32926	0.49352	1,300.38	1,300.88	0.10207	0.05924	161.422	1,482.51

2.5. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.43140	3.12444	3.12363	29.7374	0.07833	0.05552	6.97515	7.03067	0.05215	1.77031	1.82246	—	8,012.62	8,012.62	0.28813	0.34084	25.3912	8,146.79
Area	0.15496	0.15218	0.00170	0.20223	0.00001	0.00036	—	0.00036	0.00027	—	0.00027	—	0.83164	0.83164	0.00003	0.00001	—	0.83464
Energy	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	256.464	256.464	0.01961	0.00216	—	257.596
Water	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787

Waste	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	3.58866	3.27778	3.14629	29.9572	0.07847	0.05748	6.97515	7.03262	0.05402	1.77031	1.82433	2.98090	8,271.21	8,274.19	0.60642	0.34361	989.426	9,381.17
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.24119	2.93365	3.34857	24.7667	0.07351	0.05555	6.97515	7.03070	0.05218	1.77031	1.82249	—	7,525.64	7,525.64	0.29747	0.35182	0.65837	7,638.58
Area	0.11897	0.11897	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	256.464	256.464	0.01961	0.00216	—	257.596
Water	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Waste	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	3.36246	3.05378	3.36953	24.7843	0.07364	0.05715	6.97515	7.03229	0.05377	1.77031	1.82408	2.98090	7,783.40	7,786.38	0.61574	0.35457	964.693	8,872.13
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.21903	2.91049	3.41230	25.6852	0.07421	0.05554	6.89470	6.95024	0.05216	1.75020	1.80236	—	7,596.07	7,596.07	0.29822	0.35506	10.9637	7,720.30
Area	0.14362	0.14172	0.00117	0.13852	0.00001	0.00025	—	0.00025	0.00019	—	0.00019	—	0.56961	0.56961	0.00002	< 0.000005	—	0.57167
Energy	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	256.464	256.464	0.01961	0.00216	—	257.596
Water	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Waste	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	3.36496	3.05336	3.43443	25.8413	0.07434	0.05738	6.89470	6.95208	0.05394	1.75020	1.80414	2.98090	7,854.40	7,857.38	0.61651	0.35782	974.998	8,954.42
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.58747	0.53116	0.62274	4.68755	0.01354	0.01014	1.25828	1.26842	0.00952	0.31941	0.32893	—	1,257.62	1,257.62	0.04937	0.05879	1.81517	1,278.18
Area	0.02621	0.02586	0.00021	0.02528	< 0.000005	0.00004	—	0.00004	0.00003	—	0.00003	—	0.09431	0.09431	< 0.000005	< 0.000005	—	0.09465
Energy	0.00042	0.00021	0.00383	0.00321	0.00002	0.00029	—	0.00029	0.00029	—	0.00029	—	42.4605	42.4605	0.00325	0.00036	—	42.6480
Water	—	—	—	—	—	—	—	—	—	—	—	0.03981	0.21366	0.25347	0.00410	0.00010	—	0.38541
Waste	—	—	—	—	—	—	—	—	—	—	—	0.45371	0.00000	0.45371	0.04535	0.00000	—	1.58738

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	159.607	159.607
Total	0.61410	0.55724	0.62678	4.71604	0.01357	0.01047	1.25828	1.26875	0.00984	0.31941	0.32926	0.49352	1,300.38	1,300.88	0.10207	0.05924	161.422	1,482.51

3. Construction Emissions Details

3.1. Site Preparation (2026)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.46980	1.23504	11.0389	11.7202	0.01906	0.50687	—	0.50687	0.46633	—	0.46633	—	2,064.92	2,064.92	0.08376	0.01675	—	2,072.01
Dust From Material Movement	—	—	—	—	—	—	1.62852	1.62852	—	0.78099	0.78099	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06040	0.05075	0.45365	0.48165	0.00078	0.02083	—	0.02083	0.01916	—	0.01916	—	84.8599	84.8599	0.00344	0.00069	—	85.1511

Dust From Material Movement	—	—	—	—	—	—	0.06693	0.06693	—	0.03210	0.03210	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01102	0.00926	0.08279	0.08790	0.00014	0.00380	—	0.00380	0.00350	—	0.00350	—	14.0495	14.0495	0.00057	0.00011	—	14.0977
Dust From Material Movement	—	—	—	—	—	—	0.01221	0.01221	—	0.00586	0.00586	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03530	0.03175	0.02943	0.53853	0.00000	0.00000	0.09803	0.09803	0.00000	0.02298	0.02298	—	103.434	103.434	0.00438	0.00355	0.35038	104.953
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00138	0.00122	0.00147	0.01756	0.00000	0.00000	0.00398	0.00398	0.00000	0.00093	0.00093	—	3.95817	3.95817	0.00006	0.00015	0.00622	4.01148
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00025	0.00022	0.00027	0.00320	0.00000	0.00000	0.00073	0.00073	0.00000	0.00017	0.00017	—	0.65532	0.65532	0.00001	0.00003	0.00103	0.66415
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14068	0.14068	0.73154	7.91840	0.01382	0.02814	—	0.02814	0.02814	—	0.02814	—	1,496.84	1,496.84	0.06072	0.01214	—	1,501.98
Dust From Material Movement	—	—	—	—	—	—	1.49066	1.49066	—	0.76610	0.76610	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00578	0.00578	0.03006	0.32541	0.00057	0.00116	—	0.00116	0.00116	—	0.00116	—	61.5139	61.5139	0.00250	0.00050	—	61.7250
Dust From Material Movement	—	—	—	—	—	—	0.06126	0.06126	—	0.03148	0.03148	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00106	0.00106	0.00549	0.05939	0.00010	0.00021	—	0.00021	0.00021	—	0.00021	—	10.1843	10.1843	0.00041	0.00008	—	10.2193
Dust From Material Movement	—	—	—	—	—	—	0.01118	0.01118	—	0.00575	0.00575	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03530	0.03175	0.02943	0.53853	0.00000	0.00000	0.09803	0.09803	0.00000	0.02298	0.02298	—	103.434	103.434	0.00438	0.00355	0.35038	104.953
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00138	0.00122	0.00147	0.01756	0.00000	0.00000	0.00398	0.00398	0.00000	0.00093	0.00093	—	3.95817	3.95817	0.00006	0.00015	0.00622	4.01148
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00025	0.00022	0.00027	0.00320	0.00000	0.00000	0.00073	0.00073	0.00000	0.00017	0.00017	—	0.65532	0.65532	0.00001	0.00003	0.00103	0.66415

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2026)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.69573	1.42488	12.8567	14.0337	0.02266	0.57894	—	0.57894	0.53263	—	0.53263	—	2,455.05	2,455.05	0.09959	0.01992	—	2,463.47
Dust From Material Movement	—	—	—	—	—	—	1.84147	1.84147	—	0.89043	0.89043	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.69573	1.42488	12.8567	14.0337	0.02266	0.57894	—	0.57894	0.53263	—	0.53263	—	2,455.05	2,455.05	0.09959	0.01992	—	2,463.47
Dust From Material Movement	—	—	—	—	—	—	1.84147	1.84147	—	0.89043	0.89043	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06969	0.05856	0.52836	0.57673	0.00093	0.02379	—	0.02379	0.02189	—	0.02189	—	100.892	100.892	0.00409	0.00082	—	101.239
Dust From Material Movement	—	—	—	—	—	—	0.07568	0.07568	—	0.03659	0.03659	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01272	0.01069	0.09643	0.10525	0.00017	0.00434	—	0.00434	0.00399	—	0.00399	—	16.7039	16.7039	0.00068	0.00014	—	16.7612
Dust From Material Movement	—	—	—	—	—	—	0.01381	0.01381	—	0.00668	0.00668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04707	0.04233	0.03924	0.71805	0.00000	0.00000	0.13071	0.13071	0.00000	0.03064	0.03064	—	137.912	137.912	0.00584	0.00474	0.46717	139.938
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04486	0.03990	0.04376	0.54454	0.00000	0.00000	0.13071	0.13071	0.00000	0.03064	0.03064	—	126.813	126.813	0.00198	0.00496	0.01213	128.353
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00183	0.00163	0.00197	0.02341	0.00000	0.00000	0.00531	0.00531	0.00000	0.00124	0.00124	—	5.27756	5.27756	0.00008	0.00020	0.00829	5.34864
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00033	0.00030	0.00036	0.00427	0.00000	0.00000	0.00097	0.00097	0.00000	0.00023	0.00023	—	0.87376	0.87376	0.00001	0.00003	0.00137	0.88553
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18297	0.18297	0.95142	10.6915	0.01794	0.03659	—	0.03659	0.03659	—	0.03659	—	1,944.03	1,944.03	0.07886	0.01577	—	1,950.70
Dust From Material Movement	—	—	—	—	—	—	1.84147	1.84147	—	0.89043	0.89043	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18297	0.18297	0.95142	10.6915	0.01794	0.03659	—	0.03659	0.03659	—	0.03659	—	1,944.03	1,944.03	0.07886	0.01577	—	1,950.70
Dust From Material Movement	—	—	—	—	—	—	1.84147	1.84147	—	0.89043	0.89043	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00752	0.00752	0.03910	0.43938	0.00074	0.00150	—	0.00150	0.00150	—	0.00150	—	79.8917	79.8917	0.00324	0.00065	—	80.1659
Dust From Material Movement	—	—	—	—	—	—	0.07568	0.07568	—	0.03659	0.03659	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00137	0.00137	0.00714	0.08019	0.00013	0.00027	—	0.00027	0.00027	—	0.00027	—	13.2270	13.2270	0.00054	0.00011	—	13.2724
Dust From Material Movement	—	—	—	—	—	—	0.01381	0.01381	—	0.00668	0.00668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04707	0.04233	0.03924	0.71805	0.00000	0.00000	0.13071	0.13071	0.00000	0.03064	0.03064	—	137.912	137.912	0.00584	0.00474	0.46717	139.938
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04486	0.03990	0.04376	0.54454	0.00000	0.00000	0.13071	0.13071	0.00000	0.03064	0.03064	—	126.813	126.813	0.00198	0.00496	0.01213	128.353
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00183	0.00163	0.00197	0.02341	0.00000	0.00000	0.00531	0.00531	0.00000	0.00124	0.00124	—	5.27756	5.27756	0.00008	0.00020	0.00829	5.34864
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00033	0.00030	0.00036	0.00427	0.00000	0.00000	0.00097	0.00097	0.00000	0.00023	0.00023	—	0.87376	0.87376	0.00001	0.00003	0.00137	0.88553
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3. Construction Building (2026)

3.3.1. Onsite - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.21973	1.01475	8.56875	9.95599	0.01942	0.29272	—	0.29272	0.26930	—	0.26930	—	1,800.96	1,800.96	0.07305	0.01461	—	1,807.14
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19096	0.15886	1.34149	1.55867	0.00304	0.04583	—	0.04583	0.04216	—	0.04216	—	281.951	281.951	0.01144	0.00229	—	282.918
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03485	0.02899	0.24482	0.28446	0.00055	0.00836	—	0.00836	0.00769	—	0.00769	—	46.6802	46.6802	0.00189	0.00038	—	46.8403
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00668	0.00594	0.00651	0.08103	0.00000	0.00000	0.01945	0.01945	0.00000	0.00456	0.00456	—	18.8697	18.8697	0.00030	0.00074	0.00181	19.0989
Vendor	0.00102	0.00046	0.02555	0.00780	0.00017	0.00034	0.00652	0.00686	0.00034	0.00180	0.00214	—	22.9585	22.9585	0.00051	0.00355	0.00162	24.0294
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00104	0.00092	0.00111	0.01327	0.00000	0.00000	0.00301	0.00301	0.00000	0.00070	0.00070	—	2.99162	2.99162	0.00005	0.00012	0.00470	3.03192
Vendor	0.00016	0.00007	0.00402	0.00121	0.00003	0.00005	0.00101	0.00106	0.00005	0.00028	0.00033	—	3.59276	3.59276	0.00008	0.00056	0.00422	3.76438
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00019	0.00017	0.00020	0.00242	0.00000	0.00000	0.00055	0.00055	0.00000	0.00013	0.00013	—	0.49530	0.49530	0.00001	0.00002	0.00078	0.50197
Vendor	0.00003	0.00001	0.00073	0.00022	< 0.000005	0.00001	0.00018	0.00019	0.00001	0.00005	0.00006	—	0.59482	0.59482	0.00001	0.00009	0.00070	0.62324
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22107	0.20037	1.31941	6.50668	0.01138	0.05217	—	0.05217	0.04963	—	0.04963	—	1,178.54	1,178.54	0.04781	0.00956	—	1,182.58
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03461	0.03137	0.20656	1.01866	0.00178	0.00817	—	0.00817	0.00777	—	0.00777	—	184.507	184.507	0.00748	0.00150	—	185.140
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00632	0.00572	0.03770	0.18591	0.00033	0.00149	—	0.00149	0.00142	—	0.00142	—	30.5472	30.5472	0.00124	0.00025	—	30.6520
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00668	0.00594	0.00651	0.08103	0.00000	0.00000	0.01945	0.01945	0.00000	0.00456	0.00456	—	18.8697	18.8697	0.00030	0.00074	0.00181	19.0989
Vendor	0.00102	0.00046	0.02555	0.00780	0.00017	0.00034	0.00652	0.00686	0.00034	0.00180	0.00214	—	22.9585	22.9585	0.00051	0.00355	0.00162	24.0294
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00104	0.00092	0.00111	0.01327	0.00000	0.00000	0.00301	0.00301	0.00000	0.00070	0.00070	—	2.99162	2.99162	0.00005	0.00012	0.00470	3.03192
Vendor	0.00016	0.00007	0.00402	0.00121	0.00003	0.00005	0.00101	0.00106	0.00005	0.00028	0.00033	—	3.59276	3.59276	0.00008	0.00056	0.00422	3.76438
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00019	0.00017	0.00020	0.00242	0.00000	0.00000	0.00055	0.00055	0.00000	0.00013	0.00013	—	0.49530	0.49530	0.00001	0.00002	0.00078	0.50197
Vendor	0.00003	0.00001	0.00073	0.00022	< 0.000005	0.00001	0.00018	0.00019	0.00001	0.00005	0.00006	—	0.59482	0.59482	0.00001	0.00009	0.00070	0.62324
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Construction Building (2027)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16707	0.97105	8.25338	9.90715	0.01942	0.26132	—	0.26132	0.24041	—	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	—	1,807.09
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16707	0.97105	8.25338	9.90715	0.01942	0.26132	—	0.26132	0.24041	—	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	—	1,807.09
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64863	0.53968	4.58700	5.50613	0.01079	0.14523	—	0.14523	0.13361	—	0.13361	—	1,000.90	1,000.90	0.04060	0.00812	—	1,004.33

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11837	0.09849	0.83713	1.00487	0.00197	0.02651	—	0.02651	0.02438	—	0.02438	—	165.710	165.710	0.00672	0.00134	—	166.279
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00671	0.00597	0.00517	0.09884	0.00000	0.00000	0.01945	0.01945	0.00000	0.00456	0.00456	—	20.1412	20.1412	0.00023	0.00071	0.06257	20.4197
Vendor	0.00102	0.00047	0.02356	0.00739	0.00017	0.00034	0.00652	0.00686	0.00034	0.00180	0.00214	—	22.5222	22.5222	0.00053	0.00337	0.05735	23.5981
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00638	0.00564	0.00584	0.07471	0.00000	0.00000	0.01945	0.01945	0.00000	0.00456	0.00456	—	18.5240	18.5240	0.00026	0.00071	0.00162	18.7423
Vendor	0.00100	0.00044	0.02461	0.00761	0.00017	0.00034	0.00652	0.00686	0.00034	0.00180	0.00214	—	22.5393	22.5393	0.00051	0.00337	0.00149	23.5590
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00355	0.00314	0.00358	0.04358	0.00000	0.00000	0.01068	0.01068	0.00000	0.00250	0.00250	—	10.4254	10.4254	0.00015	0.00039	0.01500	10.5608
Vendor	0.00057	0.00025	0.01365	0.00417	0.00010	0.00019	0.00359	0.00378	0.00019	0.00099	0.00118	—	12.5212	12.5212	0.00029	0.00188	0.01376	13.1011
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00065	0.00057	0.00065	0.00795	0.00000	0.00000	0.00195	0.00195	0.00000	0.00046	0.00046	—	1.72604	1.72604	0.00002	0.00006	0.00248	1.74847

Vendor	0.00010	0.00005	0.00249	0.00076	0.00002	0.00003	0.00065	0.00069	0.00003	0.00018	0.00022	—	2.07303	2.07303	0.00005	0.00031	0.00228	2.16903
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22059	0.19997	1.31590	6.50531	0.01138	0.05173	—	0.05173	0.04922	—	0.04922	—	1,178.48	1,178.48	0.04780	0.00956	—	1,182.53
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22059	0.19997	1.31590	6.50531	0.01138	0.05173	—	0.05173	0.04922	—	0.04922	—	1,178.48	1,178.48	0.04780	0.00956	—	1,182.53
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12260	0.11114	0.73134	3.61548	0.00632	0.02875	—	0.02875	0.02736	—	0.02736	—	654.968	654.968	0.02657	0.00531	—	657.216
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.02237	0.02028	0.13347	0.65982	0.00115	0.00525	—	0.00525	0.00499	—	0.00499	—	108.437	108.437	0.00440	0.00088	—	108.810
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00671	0.00597	0.00517	0.09884	0.00000	0.00000	0.01945	0.01945	0.00000	0.00456	0.00456	—	20.1412	20.1412	0.00023	0.00071	0.06257	20.4197
Vendor	0.00102	0.00047	0.02356	0.00739	0.00017	0.00034	0.00652	0.00686	0.00034	0.00180	0.00214	—	22.5222	22.5222	0.00053	0.00337	0.05735	23.5981
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00638	0.00564	0.00584	0.07471	0.00000	0.00000	0.01945	0.01945	0.00000	0.00456	0.00456	—	18.5240	18.5240	0.00026	0.00071	0.00162	18.7423
Vendor	0.00100	0.00044	0.02461	0.00761	0.00017	0.00034	0.00652	0.00686	0.00034	0.00180	0.00214	—	22.5393	22.5393	0.00051	0.00337	0.00149	23.5590
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00355	0.00314	0.00358	0.04358	0.00000	0.00000	0.01068	0.01068	0.00000	0.00250	0.00250	—	10.4254	10.4254	0.00015	0.00039	0.01500	10.5608
Vendor	0.00057	0.00025	0.01365	0.00417	0.00010	0.00019	0.00359	0.00378	0.00019	0.00099	0.00118	—	12.5212	12.5212	0.00029	0.00188	0.01376	13.1011
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00065	0.00057	0.00065	0.00795	0.00000	0.00000	0.00195	0.00195	0.00000	0.00046	0.00046	—	1.72604	1.72604	0.00002	0.00006	0.00248	1.74847
Vendor	0.00010	0.00005	0.00249	0.00076	0.00002	0.00003	0.00065	0.00069	0.00003	0.00018	0.00022	—	2.07303	2.07303	0.00005	0.00031	0.00228	2.16903
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2027)

3.5.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54404	0.45646	4.29849	6.48965	0.00940	0.16865	—	0.16865	0.15516	—	0.15516	—	991.534	991.534	0.04022	0.00804	—	994.937
Paving	0.33000	0.33000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01341	0.01126	0.10599	0.16002	0.00023	0.00416	—	0.00416	0.00383	—	0.00383	—	24.4488	24.4488	0.00099	0.00020	—	24.5327
Paving	0.00814	0.00814	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00245	0.00205	0.01934	0.02920	0.00004	0.00076	—	0.00076	0.00070	—	0.00070	—	4.04778	4.04778	0.00016	0.00003	—	4.06167
Paving	0.00148	0.00148	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05360	0.04740	0.04905	0.62763	0.00000	0.00000	0.16339	0.16339	0.00000	0.03830	0.03830	—	155.611	155.611	0.00220	0.00592	0.01363	157.446
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00132	0.00117	0.00134	0.01624	0.00000	0.00000	0.00398	0.00398	0.00000	0.00093	0.00093	—	3.88554	3.88554	0.00005	0.00015	0.00559	3.93603
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00024	0.00021	0.00024	0.00296	0.00000	0.00000	0.00073	0.00073	0.00000	0.00017	0.00017	—	0.64330	0.64330	0.00001	0.00002	0.00093	0.65165
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.3. Onsite - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14671	0.13811	1.29796	6.89076	0.00940	0.02983	—	0.02983	0.02886	—	0.02886	—	991.534	991.534	0.04022	0.00804	—	994.937
Paving	0.33000	0.33000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00362	0.00341	0.03200	0.16991	0.00023	0.00074	—	0.00074	0.00071	—	0.00071	—	24.4488	24.4488	0.00099	0.00020	—	24.5327
Paving	0.00814	0.00814	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00066	0.00062	0.00584	0.03101	0.00004	0.00013	—	0.00013	0.00013	—	0.00013	—	4.04778	4.04778	0.00016	0.00003	—	4.06167
Paving	0.00148	0.00148	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.4. Offsite - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05360	0.04740	0.04905	0.62763	0.00000	0.00000	0.16339	0.16339	0.00000	0.03830	0.03830	—	155.611	155.611	0.00220	0.00592	0.01363	157.446
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00132	0.00117	0.00134	0.01624	0.00000	0.00000	0.00398	0.00398	0.00000	0.00093	0.00093	—	3.88554	3.88554	0.00005	0.00015	0.00559	3.93603
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00024	0.00021	0.00024	0.00296	0.00000	0.00000	0.00073	0.00073	0.00000	0.00017	0.00017	—	0.64330	0.64330	0.00001	0.00002	0.00093	0.65165
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2027)

3.6.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13715	0.11335	0.83116	1.12539	0.00173	0.01905	—	0.01905	0.01752	—	0.01752	—	133.513	133.513	0.00542	0.00108	—	133.971

Architectural	5.68542	5.68542	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00376	0.00311	0.02277	0.03083	0.00005	0.00052	—	0.00052	0.00048	—	0.00048	—	3.65788	3.65788	0.00015	0.00003	—	3.67044
Architectural Coatings	0.15576	0.15576	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00069	0.00057	0.00416	0.00563	0.00001	0.00010	—	0.00010	0.00009	—	0.00009	—	0.60560	0.60560	0.00002	< 0.000005	—	0.60768
Architectural Coatings	0.02843	0.02843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00128	0.00113	0.00117	0.01494	0.00000	0.00000	0.00389	0.00389	0.00000	0.00091	0.00091	—	3.70479	3.70479	0.00005	0.00014	0.00032	3.74846
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00003	0.00003	0.00004	0.00043	0.00000	0.00000	0.00011	0.00011	0.00000	0.00002	0.00002	—	0.10279	0.10279	< 0.000005	< 0.000005	0.00015	0.10412
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00001	0.00001	0.00001	0.00008	0.00000	0.00000	0.00002	0.00002	0.00000	< 0.000005	< 0.000005	—	0.01702	0.01702	< 0.000005	< 0.000005	0.00002	0.01724
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	5.68542	5.68542	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15576	0.15576	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.02843	0.02843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00128	0.00113	0.00117	0.01494	0.00000	0.00000	0.00389	0.00389	0.00000	0.00091	0.00091	—	3.70479	3.70479	0.00005	0.00014	0.00032	3.74846
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00003	0.00003	0.00004	0.00043	0.00000	0.00000	0.00011	0.00011	0.00000	0.00002	0.00002	—	0.10279	0.10279	< 0.000005	< 0.000005	0.00015	0.10412
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00001	0.00001	0.00001	0.00008	0.00000	0.00000	0.00002	0.00002	0.00000	< 0.000005	< 0.000005	—	0.01702	0.01702	< 0.000005	< 0.000005	0.00002	0.01724
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	3.43140	3.12444	3.12363	29.7374	0.07833	0.05552	6.97515	7.03067	0.05215	1.77031	1.82246	—	8,012.62	8,012.62	0.28813	0.34084	25.3912	8,146.79
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.43140	3.12444	3.12363	29.7374	0.07833	0.05552	6.97515	7.03067	0.05215	1.77031	1.82246	—	8,012.62	8,012.62	0.28813	0.34084	25.3912	8,146.79
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	3.24119	2.93365	3.34857	24.7667	0.07351	0.05555	6.97515	7.03070	0.05218	1.77031	1.82249	—	7,525.64	7,525.64	0.29747	0.35182	0.65837	7,638.58

Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.24119	2.93365	3.34857	24.7667	0.07351	0.05555	6.97515	7.03070	0.05218	1.77031	1.82249	—	7,525.64	7,525.64	0.29747	0.35182	0.65837	7,638.58
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	0.58747	0.53116	0.62274	4.68755	0.01354	0.01014	1.25828	1.26842	0.00952	0.31941	0.32893	—	1,257.62	1,257.62	0.04937	0.05879	1.81517	1,278.18
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.58747	0.53116	0.62274	4.68755	0.01354	0.01014	1.25828	1.26842	0.00952	0.31941	0.32893	—	1,257.62	1,257.62	0.04937	0.05879	1.81517	1,278.18

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	3.43140	3.12444	3.12363	29.7374	0.07833	0.05552	6.97515	7.03067	0.05215	1.77031	1.82246	—	8,012.62	8,012.62	0.28813	0.34084	25.3912	8,146.79
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.43140	3.12444	3.12363	29.7374	0.07833	0.05552	6.97515	7.03067	0.05215	1.77031	1.82246	—	8,012.62	8,012.62	0.28813	0.34084	25.3912	8,146.79
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	3.24119	2.93365	3.34857	24.7667	0.07351	0.05555	6.97515	7.03070	0.05218	1.77031	1.82249	—	7,525.64	7,525.64	0.29747	0.35182	0.65837	7,638.58

Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.24119	2.93365	3.34857	24.7667	0.07351	0.05555	6.97515	7.03070	0.05218	1.77031	1.82249	—	7,525.64	7,525.64	0.29747	0.35182	0.65837	7,638.58
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	0.58747	0.53116	0.62274	4.68755	0.01354	0.01014	1.25828	1.26842	0.00952	0.31941	0.32893	—	1,257.62	1,257.62	0.04937	0.05879	1.81517	1,278.18
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.58747	0.53116	0.62274	4.68755	0.01354	0.01014	1.25828	1.26842	0.00952	0.31941	0.32893	—	1,257.62	1,257.62	0.04937	0.05879	1.81517	1,278.18

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	179.422	179.422	0.01349	0.00163	—	180.246
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	52.0281	52.0281	0.00391	0.00047	—	52.2672
Total	—	—	—	—	—	—	—	—	—	—	—	—	231.450	231.450	0.01740	0.00211	—	232.513
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	179.422	179.422	0.01349	0.00163	—	180.246
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	52.0281	52.0281	0.00391	0.00047	—	52.2672
Total	—	—	—	—	—	—	—	—	—	—	—	—	231.450	231.450	0.01740	0.00211	—	232.513
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	29.7053	29.7053	0.00223	0.00027	—	29.8418
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	8.61385	8.61385	0.00065	0.00008	—	8.65342
Total	—	—	—	—	—	—	—	—	—	—	—	—	38.3192	38.3192	0.00288	0.00035	—	38.4952

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	179.422	179.422	0.01349	0.00163	—	180.246
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	52.0281	52.0281	0.00391	0.00047	—	52.2672
Total	—	—	—	—	—	—	—	—	—	—	—	—	231.450	231.450	0.01740	0.00211	—	232.513
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	179.422	179.422	0.01349	0.00163	—	180.246
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	52.0281	52.0281	0.00391	0.00047	—	52.2672
Total	—	—	—	—	—	—	—	—	—	—	—	—	231.450	231.450	0.01740	0.00211	—	232.513
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	29.7053	29.7053	0.00223	0.00027	—	29.8418
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	8.61385	8.61385	0.00065	0.00008	—	8.65342
Total	—	—	—	—	—	—	—	—	—	—	—	—	38.3192	38.3192	0.00288	0.00035	—	38.4952

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience Market with Gas Pumps	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	0.00042	0.00021	0.00383	0.00321	0.00002	0.00029	—	0.00029	0.00029	—	0.00029	—	4.14128	4.14128	0.00037	0.00001	—	4.15277
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00042	0.00021	0.00383	0.00321	0.00002	0.00029	—	0.00029	0.00029	—	0.00029	—	4.14128	4.14128	0.00037	0.00001	—	4.15277

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience Market with Gas Pumps	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00231	0.00115	0.02096	0.01761	0.00013	0.00159	—	0.00159	0.00159	—	0.00159	—	25.0136	25.0136	0.00221	0.00005	—	25.0830
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	0.00042	0.00021	0.00383	0.00321	0.00002	0.00029	—	0.00029	0.00029	—	0.00029	—	4.14128	4.14128	0.00037	0.00001	—	4.15277
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00042	0.00021	0.00383	0.00321	0.00002	0.00029	—	0.00029	0.00029	—	0.00029	—	4.14128	4.14128	0.00037	0.00001	—	4.15277

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.10339	0.10339	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01558	0.01558	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipm	0.03599	0.03321	0.00170	0.20223	0.00001	0.00036	—	0.00036	0.00027	—	0.00027	—	0.83164	0.83164	0.00003	0.00001	—	0.83464
Total	0.15496	0.15218	0.00170	0.20223	0.00001	0.00036	—	0.00036	0.00027	—	0.00027	—	0.83164	0.83164	0.00003	0.00001	—	0.83464
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.10339	0.10339	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01558	0.01558	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.11897	0.11897	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01887	0.01887	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00284	0.00284	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00450	0.00415	0.00021	0.02528	< 0.000005	0.00004	—	0.00004	0.00003	—	0.00003	—	0.09431	0.09431	< 0.000005	< 0.000005	—	0.09465
Total	0.02621	0.02586	0.00021	0.02528	< 0.000005	0.00004	—	0.00004	0.00003	—	0.00003	—	0.09431	0.09431	< 0.000005	< 0.000005	—	0.09465

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.10339	0.10339	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01558	0.01558	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.03599	0.03321	0.00170	0.20223	0.00001	0.00036	—	0.00036	0.00027	—	0.00027	—	0.83164	0.83164	0.00003	0.00001	—	0.83464
Total	0.15496	0.15218	0.00170	0.20223	0.00001	0.00036	—	0.00036	0.00027	—	0.00027	—	0.83164	0.83164	0.00003	0.00001	—	0.83464
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.10339	0.10339	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01558	0.01558	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.11897	0.11897	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01887	0.01887	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00284	0.00284	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	0.00450	0.00415	0.00021	0.02528	< 0.000005	0.00004	—	0.00004	0.00003	—	0.00003	—	0.09431	0.09431	< 0.000005	< 0.000005	—	0.09465
Total	0.02621	0.02586	0.00021	0.02528	< 0.000005	0.00004	—	0.00004	0.00003	—	0.00003	—	0.09431	0.09431	< 0.000005	< 0.000005	—	0.09465

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience	—	—	—	—	—	—	—	—	—	—	—	0.03981	0.21366	0.25347	0.00410	0.00010	—	0.38541
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.03981	0.21366	0.25347	0.00410	0.00010	—	0.38541

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.24046	1.29049	1.53095	0.02475	0.00060	—	2.32787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.03981	0.21366	0.25347	0.00410	0.00010	—	0.38541
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.03981	0.21366	0.25347	0.00410	0.00010	—	0.38541

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.45371	0.00000	0.45371	0.04535	0.00000	—	1.58738
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.45371	0.00000	0.45371	0.04535	0.00000	—	1.58738

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	—	—	—	—	—	—	—	—	—	—	—	2.74044	0.00000	2.74044	0.27390	0.00000	—	9.58785
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.45371	0.00000	0.45371	0.04535	0.00000	—	1.58738
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.45371	0.00000	0.45371	0.04535	0.00000	—	1.58738

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	159.607	159.607
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	159.607	159.607

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	964.035	964.035
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	159.607	159.607

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	159.607	159.607

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

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

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

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	9/1/2026	9/21/2026	5.00000	15.0000	—
Grading	Grading	9/22/2026	10/12/2026	5.00000	15.0000	—
Construction Building	Building Construction	10/13/2026	10/11/2027	5.00000	260.000	—
Paving	Paving	10/13/2027	10/25/2027	5.00000	9.00000	—
Architectural Coating	Architectural Coating	10/26/2027	11/8/2027	5.00000	10.00000	—

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	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.000000	7.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	7.00000	84.0000	0.37000
Construction Building	Cranes	Diesel	Average	1.000000	6.00000	367.000	0.29000
Construction Building	Forklifts	Diesel	Average	1.000000	6.00000	82.0000	0.20000
Construction Building	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Construction Building	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	6.00000	84.0000	0.37000
Construction Building	Welders	Diesel	Average	3.00000	8.00000	46.0000	0.45000
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	8.00000	84.0000	0.37000
Paving	Cement and Mortar Mixers	Diesel	Average	1.000000	6.00000	10.00000	0.56000
Paving	Pavers	Diesel	Average	1.000000	6.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	1.000000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	1.000000	7.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

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	1.000000	7.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Tier 4 Final	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.000000	8.00000	367.000	0.40000
Construction Building	Cranes	Diesel	Tier 4 Final	1.000000	6.00000	367.000	0.29000
Construction Building	Forklifts	Diesel	Tier 4 Final	1.000000	6.00000	82.0000	0.20000
Construction Building	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Construction Building	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	6.00000	84.0000	0.37000
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	8.00000	84.0000	0.37000
Paving	Cement and Mortar Mixers	Diesel	Average	1.000000	6.00000	10.00000	0.56000
Paving	Pavers	Diesel	Tier 4 Final	1.000000	6.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Tier 4 Final	1.000000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Tier 4 Final	1.000000	7.00000	36.0000	0.38000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	7.50000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	10.00000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	0.00000	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT

Construction Building	Worker	1.48800	18.5000	LDA,LDT1,LDT2
Construction Building	Vendor	0.76214	10.2000	HHDT,MHDT
Construction Building	Hauling	0.00000	20.0000	HHDT
Construction Building	Onsite truck	—	—	HHDT
Paving	Worker	12.5000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	0.29760	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	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	Worker	7.50000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	10.00000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	0.00000	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Construction Building	Worker	1.48800	18.5000	LDA,LDT1,LDT2
Construction Building	Vendor	0.76214	10.2000	HHDT,MHDT
Construction Building	Hauling	0.00000	20.0000	HHDT
Construction Building	Onsite truck	—	—	HHDT
Paving	Worker	12.5000	18.5000	LDA,LDT1,LDT2

Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	0.29760	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	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	0.00000	0.00000	6,975.00	2,325.00	2,962.74

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	14.0625	0.00000	0.00000
Grading	—	—	15.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	1.13359

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Convenience Market with Gas Pumps	0.00000	0%
Paving	Parking Lot	1.13359	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	449.423	0.03300	0.00400
2027	0.00000	439.020	0.03300	0.00400

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
Convenience Market with Gas Pumps	771.000	771.000	771.000	281,415	9,849.26	9,849.26	9,849.26	3,594,979
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Convenience Market with Gas Pumps	771.000	771.000	771.000	281,415	9,849.26	9,849.26	9,849.26	3,594,979
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Convenience Market with Gas Pumps	Wood Fireplaces	0	0
Convenience Market with Gas Pumps	Gas Fireplaces	0	0
Convenience Market with Gas Pumps	Propane Fireplaces	0	0
Convenience Market with Gas Pumps	Electric Fireplaces	0	0
Convenience Market with Gas Pumps	No Fireplaces	0	0
Convenience Market with Gas Pumps	Conventional Wood Stoves	0	0
Convenience Market with Gas Pumps	Catalytic Wood Stoves	0	0
Convenience Market with Gas Pumps	Non-Catalytic Wood Stoves	0	0
Convenience Market with Gas Pumps	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0

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)
0.00000	0.00000	6,975.00	2,325.00	2,962.74

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

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)
Convenience Market with Gas Pumps	149,171	439.020	0.0330	0.0040	78,049.1
Parking Lot	43,256.0	439.020	0.0330	0.0040	0.00000

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)
Convenience Market with Gas Pumps	149,171	439.020	0.0330	0.0040	78,049.1

Parking Lot	43,256.0	439.020	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Convenience Market with Gas Pumps	125,486	41,209.0
Parking Lot	0.00000	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Convenience Market with Gas Pumps	125,486	41,209.0
Parking Lot	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Convenience Market with Gas Pumps	5.08487	0.00000
Parking Lot	0.00000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Convenience Market with Gas Pumps	5.08487	0.00000
Parking Lot	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Convenience Market with Gas Pumps	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Convenience Market with Gas Pumps	Supermarket refrigeration and condensing units	R-404A	3,922.00	26.5200	16.5000	16.5000	18.0000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Convenience Market with Gas Pumps	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Convenience Market with Gas Pumps	Supermarket refrigeration and condensing units	R-404A	3,922.00	26.5200	16.5000	16.5000	18.0000

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

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)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	25.5400	annual days of extreme heat
Extreme Precipitation	2.35000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	2.10000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	93.6279
AQ-PM	92.9932

AQ-DPM	45.7996
Drinking Water	77.3698
Lead Risk Housing	67.3472
Pesticides	0.00000
Toxic Releases	65.6414
Traffic	33.8000
Effect Indicators	—
CleanUp Sites	31.2430
Groundwater	80.1096
Haz Waste Facilities/Generators	85.4798
Impaired Water Bodies	0.00000
Solid Waste	0.00000
Sensitive Population	—
Asthma	45.5882
Cardio-vascular	47.7567
Low Birth Weights	45.0603
Socioeconomic Factor Indicators	—
Education	72.2475
Housing	69.1508
Linguistic	62.6607
Poverty	71.2186
Unemployment	61.5305

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	37.49518799

Employed	50.32721673
Median HI	26.84460413
Education	—
Bachelor's or higher	23.67509303
High school enrollment	5.787244963
Preschool enrollment	67.21416656
Transportation	—
Auto Access	23.89323752
Active commuting	27.70435006
Social	—
2-parent households	14.66700885
Voting	28.85923264
Neighborhood	—
Alcohol availability	41.48594893
Park access	15.64224304
Retail density	50.63518542
Supermarket access	77.19748492
Tree canopy	20.35159759
Housing	—
Homeownership	42.2302066
Housing habitability	43.74438599
Low-inc homeowner severe housing cost burden	28.71808033
Low-inc renter severe housing cost burden	36.30180932
Uncrowded housing	41.35762864
Health Outcomes	—
Insured adults	14.39753625
Arthritis	11.5
Asthma ER Admissions	51.8

High Blood Pressure	11.6
Cancer (excluding skin)	30.9
Asthma	19.7
Coronary Heart Disease	13.8
Chronic Obstructive Pulmonary Disease	12.3
Diagnosed Diabetes	28.6
Life Expectancy at Birth	5.4
Cognitively Disabled	14.5
Physically Disabled	21.0
Heart Attack ER Admissions	51.0
Mental Health Not Good	28.5
Chronic Kidney Disease	10.6
Obesity	20.3
Pedestrian Injuries	40.2
Physical Health Not Good	25.2
Stroke	17.3
Health Risk Behaviors	—
Binge Drinking	57.0
Current Smoker	25.4
No Leisure Time for Physical Activity	27.5
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	39.2
Elderly	39.0
English Speaking	47.2
Foreign-born	38.7
Outdoor Workers	42.1

Climate Change Adaptive Capacity	—
Impervious Surface Cover	52.9
Traffic Density	34.1
Traffic Access	23.0
Other Indices	—
Hardship	74.1
Other Decision Support	—
2016 Voting	36.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	72.0000
Healthy Places Index Score for Project Location (b)	20.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Convenience market building 4,650 sf (0.1067 acre) + landscape area 2,599 sf (0.0597 acre) + parking lot (1.134 acre) = 1.3 acre
Construction: Construction Phases	No demolition
Operations: Vehicle Data	Based on the trip generation.

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Building Area	sq. ft	1,694.00	4,650.00
Landscape Area	sq. ft	—	2,599.00

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	9/30/2026	9/1/2026
Site Preparation	Site Preparation	End Date	10/2/2026	9/21/2026
Site Preparation	Site Preparation	Work Days per Phase	2.00000	15.0000
Grading	Grading	Start Date	10/3/2026	9/22/2026
Grading	Grading	End Date	10/8/2026	10/12/2026
Grading	Grading	Work Days per Phase	4.00000	15.0000
Paving	Paving	Start Date	7/17/2027	10/13/2027
Paving	Paving	End Date	7/31/2027	10/25/2027
Paving	Paving	Work Days per Phase	10.00000	9.00000
Building Construction	Construction Building	Start Date	10/26/2026	10/13/2026
Building Construction	Construction Building	End Date	—	10/11/2027

Building Construction	Construction Building	Work Days per Phase	0.00000	260.000
Architectural Coating	Architectural Coating	Start Date	8/1/2027	10/26/2027
Architectural Coating	Architectural Coating	End Date	8/15/2027	11/8/2027

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Convenience Market with Gas Pumps	Weekday Trip Rate	size/day	322.500	64.2500
Convenience Market with Gas Pumps	Saturday Trip Rate	size/day	322.500	64.2500
Convenience Market with Gas Pumps	Sunday Trip Rate	size/day	322.500	64.2500
Convenience Market with Gas Pumps	Weekday Primary Trip	%	14.2400	100.0000
Convenience Market with Gas Pumps	Weekday Divert Trip	%	21.2600	0.00000
Convenience Market with Gas Pumps	Weekday Pass-By Trip	%	64.5000	0.00000

8.6. Measure Input Overrides

8.6.1. Construction Measure Inputs

Measure Number and Input Name	Construction Phase	Equipment Type	Model Parameter	Default Value	New Value
C-5 - Use Advanced Engine Tiers	Grading	Tractors/Loaders/Backhoes	Number Mitigated	1.000000	2.00000
C-5 - Use Advanced Engine Tiers	Construction Building	Welders	Number Mitigated	1.000000	3.00000

Construction Emissions Rates

Year		Start	End	Work Days	Trips/Day Vendor	Trips/Day Hauling	Total Trips Vendor	Total Trips Hauling
2026	Site Preparation	9/1/2026	9/21/2026	15	-	-	-	-
2026	Grading	9/22/2026	10/12/2026	15	-	-	-	-
2026	Building Construc	10/13/2026	12/31/2026	58	1	-	44	-
				88	*1*	-	*44*	-
2027	Building Construc	1/1/2027	10/11/2027	202	1	-	154	-
2027	Paving	10/13/2027	10/25/2027	9	-	-	-	-
2027	Architectural Coa	10/26/2027	11/8/2027	10	-	-	-	-
				221	*1*	-	*154*	-

Total Construction Days: *309*

On-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Days	Unmitigated	Mitigated
2026	Site Preparation	15	0.003801562	0.000211022
2026	Grading	15	0.004342053	0.000274449
2026	Building Construc	58	0.008363434	0.00149067
	Total 2027	*88*	-	-
	Weighted		**6.90E-03**	**1.07E-03**
2027	Building Construc	202	2.65E-02	5.25E-03
2027	Paving	9	7.59E-04	1.34E-04
2027	Architectural Coa	10	9.52E-05	9.52E-05
	Total 2028	*221*	-	
	Weighted		**2.43E-02**	**4.81E-03**

Off-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Unmitigated
2026	Site Preparation	0
2026	Grading	0
2026	Building Constru	9.7933E-06
	Total 2027	-
	Weighted	**6.45E-06**
2027	Building Constru	3.4766E-05
2027	Paving	0
2027	Architectural Co	0
	Total 2028	-
	Weighted	**3.18E-05**

Construction

Group: ONSITE

PM10 Exhaust Onsite Unmitigated

Year	Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
2026	6.90E-03	2.47E-03	**3.18E-03**	1
2027	2.43E-02	3.46E-03		

PM10 Exhaust Onsite Mitigated

Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
1.07E-03	3.81E-04	**5.98E-04**	1
4.81E-03	6.85E-04		

Group: HAUL

	Trips Vendor	Trips Hauling	Miles Vendor	Miles Hauling	Weighted Trip length
2026	44	0	10.2	20	10.20
2027	154	0	10.2	20	10.20

PM10 Exhaust Haul

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site	AERMOD Unitized Rate (g/s)
2026	6.45E-06	2.31E-06	2.27E-07	**3.82E-07**	1
2027	3.18E-05	4.53E-06	4.44E-07		

Construction Risk (Unmitigated)

Unmitigated	
On-Site	Off-Site Haul
3.18E-03	3.82E-07

#	X, Y	Concentration [ug/m^3] Unmitigated On-Site	Off-Site Haul	Off-Site Haul	Total	Unmitigated Residential Dose 3rd	0<2	Risk by Age Group 3rd	0<2	Total Risk
1	458909.21, 3756133.18	11.66714	1.41145	5.39E-07	3.71E-02	9.2E-06	2.8E-05	3.6E-07	4.0E-06	4.3E-06
2	458909.21, 3756163.18	32.9016	2.08882	7.98E-07	1.05E-01	2.6E-05	7.8E-05	1.0E-06	1.1E-05	1.2E-05
3	458939.21, 3756103.18	4.83326	1.10802	4.23E-07	1.54E-02	3.8E-06	1.1E-05	1.5E-07	1.7E-06	1.8E-06
4	458939.21, 3756133.18	9.96088	1.49471	5.71E-07	3.16E-02	7.8E-06	2.4E-05	3.1E-07	3.4E-06	3.7E-06
5	458939.21, 3756163.18	29.45999	2.24218	8.57E-07	9.36E-02	2.3E-05	7.0E-05	9.1E-07	1.0E-05	1.1E-05
6	458969.21, 3756043.18	1.63749	0.73691	2.82E-07	5.20E-03	1.3E-06	3.9E-06	5.1E-08	5.6E-07	6.1E-07
7	458969.21, 3756073.18	2.42499	0.90425	3.46E-07	7.70E-03	1.9E-06	5.8E-06	7.5E-08	8.3E-07	9.0E-07
8	458969.21, 3756103.18	4.01359	1.15434	4.41E-07	1.28E-02	3.2E-06	9.5E-06	1.2E-07	1.4E-06	1.5E-06
9	458969.21, 3756133.18	7.91165	1.57012	6.00E-07	2.51E-02	6.2E-06	1.9E-05	2.4E-07	2.7E-06	2.9E-06
10	458969.21, 3756163.18	19.75911	2.37375	9.07E-07	6.28E-02	1.6E-05	4.7E-05	6.1E-07	6.8E-06	7.4E-06
11	458969.21, 3756193.18	45.91282	4.33464	1.66E-06	1.46E-01	3.6E-05	1.1E-04	1.4E-06	1.6E-05	1.7E-05
12	458969.21, 3756223.18	44.99318	11.70092	4.47E-06	1.43E-01	3.5E-05	1.1E-04	1.4E-06	1.5E-05	1.7E-05
13	458999.21, 3756013.18	1.05503	0.63277	2.42E-07	3.35E-03	8.3E-07	2.5E-06	3.3E-08	3.6E-07	3.9E-07
14	458999.21, 3756043.18	1.44605	0.75759	2.89E-07	4.59E-03	1.1E-06	3.4E-06	4.5E-08	4.9E-07	5.4E-07
15	458999.21, 3756073.18	2.12941	0.9333	3.57E-07	6.76E-03	1.7E-06	5.1E-06	6.6E-08	7.3E-07	7.9E-07
16	458999.21, 3756103.18	3.48533	1.19819	4.58E-07	1.11E-02	2.7E-06	8.3E-06	1.1E-07	1.2E-06	1.3E-06
17	458999.21, 3756133.18	6.51719	1.63924	6.26E-07	2.07E-02	5.1E-06	1.5E-05	2.0E-07	2.2E-06	2.4E-06
18	458999.21, 3756163.18	13.13953	2.48502	9.50E-07	4.17E-02	1.0E-05	3.1E-05	4.1E-07	4.5E-06	4.9E-06
19	458999.21, 3756193.18	21.58385	4.49431	1.72E-06	6.86E-02	1.7E-05	5.1E-05	6.7E-07	7.4E-06	8.0E-06
20	458999.21, 3756223.18	21.01826	11.86252	4.53E-06	6.68E-02	1.7E-05	5.0E-05	6.5E-07	7.2E-06	7.8E-06
21	459029.21, 3755953.18	0.58675	0.47444	1.81E-07	1.86E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
22	459029.21, 3755983.18	0.73644	0.54933	2.10E-07	2.34E-03	5.8E-07	1.7E-06	2.3E-08	2.5E-07	2.7E-07
23	459029.21, 3756013.18	0.95841	0.64609	2.47E-07	3.04E-03	7.5E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
24	459029.21, 3756043.18	1.31262	0.77597	2.96E-07	4.17E-03	1.0E-06	3.1E-06	4.1E-08	4.5E-07	4.9E-07
25	459029.21, 3756073.18	1.92549	0.9595	3.67E-07	6.12E-03	1.5E-06	4.6E-06	5.9E-08	6.6E-07	7.2E-07
26	459029.21, 3756103.18	3.07178	1.23715	4.73E-07	9.76E-03	2.4E-06	7.3E-06	9.5E-08	1.0E-06	1.1E-06
27	459029.21, 3756133.18	5.32451	1.6997	6.49E-07	1.69E-02	4.2E-06	1.3E-05	1.6E-07	1.8E-06	2.0E-06
28	459029.21, 3756163.18	9.00203	2.57772	9.85E-07	2.86E-02	7.1E-06	2.1E-05	2.8E-07	3.1E-06	3.4E-06
29	459029.21, 3756193.18	12.35867	4.61102	1.76E-06	3.93E-02	9.7E-06	2.9E-05	3.8E-07	4.2E-06	4.6E-06
30	459029.21, 3756223.18	11.98632	11.89594	4.55E-06	3.81E-02	9.4E-06	2.8E-05	3.7E-07	4.1E-06	4.5E-06
31	459059.21, 3755923.18	0.44585	0.41942	1.60E-07	1.42E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
32	459059.21, 3755953.18	0.54324	0.48065	1.84E-07	1.73E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
33	459059.21, 3755983.18	0.68109	0.55757	2.13E-07	2.16E-03	5.4E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
34	459059.21, 3756013.18	0.88802	0.65703	2.51E-07	2.82E-03	7.0E-07	2.1E-06	2.7E-08	3.0E-07	3.3E-07
35	459059.21, 3756043.18	1.2187	0.79177	3.03E-07	3.87E-03	9.6E-07	2.9E-06	3.8E-08	4.2E-07	4.5E-07
36	459059.21, 3756073.18	1.77306	0.98283	3.76E-07	5.63E-03	1.4E-06	4.2E-06	5.5E-08	6.1E-07	6.6E-07
37	459059.21, 3756103.18	2.73123	1.2719	4.86E-07	8.68E-03	2.1E-06	6.5E-06	8.4E-08	9.3E-07	1.0E-06
38	459059.21, 3756133.18	4.32855	1.75123	6.69E-07	1.38E-02	3.4E-06	1.0E-05	1.3E-07	1.5E-06	1.6E-06
39	459059.21, 3756163.18	6.42979	2.65196	1.01E-06	2.04E-02	5.1E-06	1.5E-05	2.0E-07	2.2E-06	2.4E-06
40	459059.21, 3756193.18	7.98158	4.70186	1.80E-06	2.54E-02	6.3E-06	1.9E-05	2.5E-07	2.7E-06	3.0E-06
41	459059.21, 3756223.18	7.69279	11.92385	4.56E-06	2.44E-02	6.0E-06	1.8E-05	2.4E-07	2.6E-06	2.9E-06
42	459089.21, 3755863.18	0.29972	0.33039	1.26E-07	9.52E-04	2.4E-07	7.1E-07	9.2E-09	1.0E-07	1.1E-07
43	459089.21, 3755893.18	0.35055	0.37243	1.42E-07	1.11E-03	2.8E-07	8.3E-07	1.1E-08	1.2E-07	1.3E-07
44	459089.21, 3755923.18	0.41724	0.42316	1.62E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
45	459089.21, 3755953.18	0.50814	0.4858	1.86E-07	1.61E-03	4.0E-07	1.2E-06	1.6E-08	1.7E-07	1.9E-07
46	459089.21, 3755983.18	0.63807	0.56468	2.16E-07	2.03E-03	5.0E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
47	459089.21, 3756013.18	0.83348	0.66752	2.55E-07	2.65E-03	6.5E-07	2.0E-06	2.6E-08	2.8E-07	3.1E-07
48	459089.21, 3756043.18	1.1408	0.80659	3.08E-07	3.62E-03	9.0E-07	2.7E-06	3.5E-08	3.9E-07	4.3E-07
49	459089.21, 3756073.18	1.63495	1.00402	3.84E-07	5.19E-03	1.3E-06	3.9E-06	5.0E-08	5.6E-07	6.1E-07
50	459089.21, 3756103.18	2.42378	1.30233	4.98E-07	7.70E-03	1.9E-06	5.7E-06	7.5E-08	8.3E-07	9.0E-07
51	459089.21, 3756133.18	3.53689	1.79498	6.86E-07	1.12E-02	2.8E-06	8.4E-06	1.1E-07	1.2E-06	1.3E-06
52	459089.21, 3756163.18	4.77275	2.70925	1.04E-06	1.52E-02	3.7E-06	1.1E-05	1.5E-07	1.6E-06	1.8E-06
53	459089.21, 3756193.18	5.56203	4.77111	1.82E-06	1.77E-02	4.4E-06	1.3E-05	1.7E-07	1.9E-06	2.1E-06
54	459089.21, 3756223.18	5.34361	11.87339	4.54E-06	1.70E-02	4.2E-06	1.3E-05	1.6E-07	1.8E-06	2.0E-06
55	459119.21, 3755833.18	0.24593	0.29558	1.13E-07	7.81E-04	1.9E-07	5.8E-07	7.6E-09	8.4E-08	9.2E-08
56	459119.21, 3755863.18	0.28306	0.33155	1.27E-07	8.99E-04	2.2E-07	6.7E-07	8.7E-09	9.7E-08	1.1E-07
57	459119.21, 3755893.18	0.33057	0.3744	1.43E-07	1.05E-03	2.6E-07	7.8E-07	1.0E-08	1.1E-07	1.2E-07
58	459119.21, 3755923.18	0.39333	0.42631	1.63E-07	1.25E-03	3.1E-07	9.3E-07	1.2E-08	1.3E-07	1.5E-07
59	459119.21, 3755953.18	0.47952	0.49042	1.87E-07	1.52E-03	3.8E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
60	459119.21, 3755983.18	0.60354	0.57121	2.18E-07	1.92E-03	4.7E-07	1.4E-06	1.9E-08	2.1E-07	2.2E-07
61	459119.21, 3756013.18	0.78717	0.67714	2.59E-07	2.50E-03	6.2E-07	1.9E-06	2.4E-08	2.7E-07	2.9E-07
62	459119.21, 3756043.18	1.06758	0.82026	3.13E-07	3.39E-03	8.4E-07	2.5E-06	3.3E-08	3.6E-07	4.0E-07
63	459119.21, 3756073.18	1.50018	1.02292	3.91E-07	4.77E-03	1.2E-06	3.6E-06	4.6E-08	5.1E-07	5.6E-07
64	459119.21, 3756103.18	2.12029	1.32911	5.08E-07	6.74E-03	1.7E-06	5.0E-06	6.5E-08	7.2E-07	7.9E-07
65	459119.21, 3756133.18	2.8968	1.83167	7.00E-07	9.20E-03	2.3E-06	6.9E-06	8.9E-08	9.9E-07	1.1E-06
66	459119.21, 3756163.18	3.65986	2.7559	1.05E-06	1.16E-02	2.9E-06	8.7E-06	1.1E-07	1.3E-06	1.4E-06

67	459119.21, 3756193.18	4.08722	4.82552	1.30E-02	1.84E-06	1.30E-02	3.2E-06	9.7E-06	1.3E-07	1.4E-06	1.5E-06
68	459119.21, 3756223.18	3.92153	11.84582	1.25E-02	4.53E-06	1.25E-02	3.1E-06	9.3E-06	1.2E-07	1.3E-06	1.5E-06
69	459149.21, 3755773.18	0.1829	0.23822	5.81E-04	9.10E-08	5.81E-04	1.4E-07	4.3E-07	5.6E-09	6.3E-08	6.8E-08
70	459149.21, 3755803.18	0.20565	0.26459	6.53E-04	1.01E-07	6.53E-04	1.6E-07	4.9E-07	6.3E-09	7.0E-08	7.7E-08
71	459149.21, 3755833.18	0.23354	0.29549	7.42E-04	1.13E-07	7.42E-04	1.8E-07	5.5E-07	7.2E-09	8.0E-08	8.7E-08
72	459149.21, 3755863.18	0.26838	0.3321	8.53E-04	1.27E-07	8.53E-04	2.1E-07	6.4E-07	8.3E-09	9.2E-08	1.0E-07
73	459149.21, 3755893.18	0.31324	0.37577	9.95E-04	1.44E-07	9.95E-04	2.5E-07	7.4E-07	9.7E-09	1.1E-07	1.2E-07
74	459149.21, 3755923.18	0.37292	0.42874	1.18E-03	1.64E-07	1.18E-03	2.9E-07	8.8E-07	1.2E-08	1.3E-07	1.4E-07
75	459149.21, 3755953.18	0.45569	0.49409	1.45E-03	1.89E-07	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
76	459149.21, 3755983.18	0.57466	0.57666	1.83E-03	2.20E-07	1.83E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.1E-07
77	459149.21, 3756013.18	0.74849	0.68469	2.38E-03	2.62E-07	2.38E-03	5.9E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
78	459149.21, 3756043.18	1.00308	0.8314	3.19E-03	3.18E-07	3.19E-03	7.9E-07	2.4E-06	3.1E-08	3.4E-07	3.7E-07
79	459149.21, 3756073.18	1.36608	1.03968	4.34E-03	3.97E-07	4.34E-03	1.1E-06	3.2E-06	4.2E-08	4.7E-07	5.1E-07
80	459149.21, 3756103.18	1.84465	1.35338	5.86E-03	5.17E-07	5.86E-03	1.4E-06	4.4E-06	5.7E-08	6.3E-07	6.9E-07
81	459149.21, 3756133.18	2.39206	1.86468	7.60E-03	7.12E-07	7.60E-03	1.9E-06	5.7E-06	7.4E-08	8.2E-07	8.9E-07
82	459149.21, 3756163.18	2.88282	2.79264	9.16E-03	1.07E-06	9.16E-03	2.3E-06	6.8E-06	8.9E-08	9.9E-07	1.1E-06
83	459149.21, 3756193.18	3.12641	4.85907	9.93E-03	1.86E-06	9.93E-03	2.5E-06	7.4E-06	9.6E-08	1.1E-06	1.2E-06
84	459149.21, 3756223.18	2.99832	11.82713	9.52E-03	4.52E-06	9.53E-03	2.4E-06	7.1E-06	9.3E-08	1.0E-06	1.1E-06
85	459179.21, 3755773.18	0.17471	0.23701	5.55E-04	9.06E-08	5.55E-04	1.4E-07	4.1E-07	5.4E-09	6.0E-08	6.5E-08
86	459179.21, 3755803.18	0.19617	0.26357	6.23E-04	1.01E-07	6.23E-04	1.5E-07	4.7E-07	6.1E-09	6.7E-08	7.3E-08
87	459179.21, 3755833.18	0.22261	0.29463	7.07E-04	1.13E-07	7.07E-04	1.7E-07	5.3E-07	6.9E-09	7.6E-08	8.3E-08
88	459179.21, 3755863.18	0.25588	0.33161	8.13E-04	1.27E-07	8.13E-04	2.0E-07	6.1E-07	7.9E-09	8.7E-08	9.5E-08
89	459179.21, 3755893.18	0.29897	0.37595	9.50E-04	1.44E-07	9.50E-04	2.3E-07	7.1E-07	9.2E-09	1.0E-07	1.1E-07
90	459179.21, 3755923.18	0.35667	0.42979	1.13E-03	1.64E-07	1.13E-03	2.8E-07	8.5E-07	1.1E-08	1.2E-07	1.3E-07
91	459179.21, 3755953.18	0.43633	0.49648	1.39E-03	1.90E-07	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
92	459179.21, 3755983.18	0.54915	0.58103	1.74E-03	2.22E-07	1.74E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
93	459179.21, 3756013.18	0.70984	0.6916	2.25E-03	2.64E-07	2.26E-03	5.6E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
94	459179.21, 3756043.18	0.93301	0.84219	2.96E-03	3.22E-07	2.96E-03	7.3E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
95	459179.21, 3756073.18	1.23113	1.05597	3.91E-03	4.03E-07	3.91E-03	9.7E-07	2.9E-06	3.8E-08	4.2E-07	4.6E-07
96	459179.21, 3756103.18	1.60308	1.37513	5.09E-03	5.25E-07	5.09E-03	1.3E-06	3.8E-06	4.9E-08	5.5E-07	6.0E-07
97	459179.21, 3756133.18	1.99528	1.89259	6.34E-03	7.23E-07	6.34E-03	1.6E-06	4.7E-06	6.2E-08	6.8E-07	7.4E-07
98	459179.21, 3756163.18	2.31957	2.82902	7.37E-03	1.08E-06	7.37E-03	1.8E-06	5.5E-06	7.2E-08	7.9E-07	8.6E-07
99	459179.21, 3756193.18	2.46607	4.87953	7.83E-03	1.86E-06	7.84E-03	1.9E-06	5.8E-06	7.6E-08	8.4E-07	9.2E-07
100	459179.21, 3756223.18	2.3645	11.83967	7.51E-03	4.52E-06	7.52E-03	1.9E-06	5.6E-06	7.3E-08	8.1E-07	8.8E-07
101	459209.21, 3755803.18	0.18761	0.26208	5.96E-04	1.00E-07	5.96E-04	1.5E-07	4.5E-07	5.8E-09	6.4E-08	7.0E-08
102	459209.21, 3755833.18	0.21295	0.29342	6.76E-04	1.12E-07	6.77E-04	1.7E-07	5.1E-07	6.6E-09	7.3E-08	7.9E-08
103	459209.21, 3755863.18	0.24493	0.33078	7.78E-04	1.26E-07	7.78E-04	1.9E-07	5.8E-07	7.6E-09	8.4E-08	9.1E-08
104	459209.21, 3755893.18	0.28565	0.37601	9.07E-04	1.44E-07	9.08E-04	2.2E-07	6.8E-07	8.8E-09	9.8E-08	1.1E-07
105	459209.21, 3755923.18	0.34047	0.43089	1.08E-03	1.65E-07	1.08E-03	2.7E-07	8.1E-07	1.1E-08	1.2E-07	1.3E-07
106	459209.21, 3755953.18	0.41652	0.49884	1.32E-03	1.91E-07	1.32E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
107	459209.21, 3755983.18	0.52158	0.58533	1.66E-03	2.24E-07	1.66E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
108	459209.21, 3756013.18	0.66697	0.69848	2.12E-03	2.67E-07	2.12E-03	5.2E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
109	459209.21, 3756043.18	0.86249	0.85188	2.74E-03	3.25E-07	2.74E-03	6.8E-07	2.0E-06	2.7E-08	2.9E-07	3.2E-07
110	459209.21, 3756073.18	1.10677	1.06983	3.52E-03	4.09E-07	3.52E-03	8.7E-07	2.6E-06	3.4E-08	3.8E-07	4.1E-07
111	459209.21, 3756103.18	1.39293	1.39479	4.42E-03	5.33E-07	4.43E-03	1.1E-06	3.3E-06	4.3E-08	4.8E-07	5.2E-07
112	459209.21, 3756133.18	1.67945	1.91713	5.34E-03	7.33E-07	5.34E-03	1.3E-06	4.0E-06	5.2E-08	5.7E-07	6.3E-07
113	459209.21, 3756163.18	1.89713	2.86173	6.03E-03	1.09E-06	6.03E-03	1.5E-06	4.5E-06	5.9E-08	6.5E-07	7.1E-07
114	459209.21, 3756193.18	1.98391	4.9337	6.30E-03	1.89E-06	6.30E-03	1.6E-06	4.7E-06	6.1E-08	6.8E-07	7.4E-07
115	459209.21, 3756223.18	1.90737	11.92259	6.06E-03	4.56E-06	6.06E-03	1.5E-06	4.5E-06	5.9E-08	6.5E-07	7.1E-07
116	459239.21, 3755803.18	0.1799	0.26007	5.71E-04	9.94E-08	5.72E-04	1.4E-07	4.3E-07	5.6E-09	6.1E-08	6.7E-08
117	459239.21, 3755833.18	0.2041	0.29178	6.48E-04	1.11E-07	6.48E-04	1.6E-07	4.8E-07	6.3E-09	7.0E-08	7.6E-08
118	459239.21, 3755863.18	0.23507	0.32944	7.47E-04	1.26E-07	7.47E-04	1.8E-07	5.6E-07	7.3E-09	8.0E-08	8.8E-08
119	459239.21, 3755893.18	0.2741	0.3752	8.71E-04	1.43E-07	8.71E-04	2.2E-07	6.5E-07	8.5E-09	9.4E-08	1.0E-07
120	459239.21, 3755923.18	0.32518	0.43117	1.03E-03	1.65E-07	1.03E-03	2.6E-07	7.7E-07	1.0E-08	1.1E-07	1.2E-07
121	459239.21, 3755953.18	0.39614	0.50049	1.26E-03	1.91E-07	1.26E-03	3.1E-07	9.4E-07	1.2E-08	1.4E-07	1.5E-07
122	459239.21, 3755983.18	0.49358	0.58861	1.57E-03	2.25E-07	1.57E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
123	459239.21, 3756013.18	0.62418	0.704	1.98E-03	2.69E-07	1.98E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
124	459239.21, 3756043.18	0.79305	0.86029	2.52E-03	3.29E-07	2.52E-03	6.2E-07	1.9E-06	2.4E-08	2.7E-07	3.0E-07
125	459239.21, 3756073.18	0.99434	1.0814	3.16E-03	4.13E-07	3.16E-03	7.8E-07	2.4E-06	3.1E-08	3.4E-07	3.7E-07
126	459239.21, 3756103.18	1.21479	1.41043	3.86E-03	5.39E-07	3.86E-03	9.5E-07	2.9E-06	3.7E-08	4.2E-07	4.5E-07
127	459239.21, 3756133.18	1.42514	1.93738	4.53E-03	7.40E-07	4.53E-03	1.1E-06	3.4E-06	4.4E-08	4.9E-07	5.3E-07
128	459239.21, 3756163.18	1.57453	2.88202	5.00E-03	1.10E-06	5.00E-03	1.2E-06	3.7E-06	4.9E-08	5.4E-07	5.9E-07
129	459239.21, 3756193.18	1.6226	4.93651	5.15E-03	1.89E-06	5.16E-03	1.3E-06	3.8E-06	5.0E-08	5.5E-07	6.0E-07
130	459239.21, 3756223.18	1.56814	11.84339	4.98E-03	4.53E-06	4.99E-03	1.2E-06	3.7E-06	4.8E-08	5.4E-07	5.8E-07
131	459269.21, 3755833.18	0.1961	0.28951	6.23E-04	1.11E-07	6.23E-04	1.5E-07	4.7E-07	6.1E-09	6.7E-08	7.3E-08
132	459269.21, 3755863.18	0.22591	0.32754	7.18E-04	1.25E-07	7.18E-04	1.8E-07	5.4E-07	7.0E-09	7.7E-08	8.4E-08
133	459269.21, 3755893.18	0.26454	0.3735	8.40E-04	1.43E-07	8.40E-04	2.1E-07	6.3E-07	8.2E-09	9.0E-08	9.9E-08
134	459269.21, 3755923.18	0.31448	0.43007	9.99E-04	1.64E-07	9.99E-04	2.5E-07	7.5E-07	9.7E-09	1.1E-07	1.2E-07
135	459269.21, 3755953.18	0.38151	0.50049	1.21E-03	1.91E-07	1.21E-03	3.0E-07	9.0E-07	1.2E-08	1.3E-07	1.4E-07
136	459269.21, 3755983.18	0.47095	0.59017	1.50E-03	2.26E-07	1.50E-03	3.7E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
137	459269.21, 3756013.18	0.58582	0.70775	1.86E-03	2.70E-07	1.86E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
138	459269.21, 3756043.18	0.72741	0.86689	2.31E-03	3.31E-07	2.31E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
139	459269.21, 3756073.18	0.89174	1.09075	2.83E-03	4.17E-07	2.83E-03	7.0E-07	2.1E-06	2.8E-08	3.0E-07	3.3E-07
140	459269.21, 3756103.18	1.06105	1.42139	3.37E-03	5.43E-07	3.37E-03	8.3E-07	2.5E-06	3.3E-08	3.6E-07	4.0E-07
141	459269.21, 3756133.18	1.20486	1.94499	3.83E-03	7.43E-07	3.83E-03	9.5E-07	2.9E-06	3.7E-08	4.1E-07	4.5E-07
142	459269.21, 3756163.18	1.30441	2.87796	4.14E-03	1.10E-06	4.14E-03	1.0E-06	3.1E-06	4.0E-08	4.5E-07	4.9E-07

143	459269.21, 3756193.18	1.33768	4.92091	4.25E-03	1.88E-06	4.25E-03	1.1E-06	3.2E-06	4.1E-08	4.6E-07	5.0E-07
144	459269.21, 3756223.18	1.30317	11.85249	4.14E-03	4.53E-06	4.14E-03	1.0E-06	3.1E-06	4.0E-08	4.5E-07	4.9E-07
145	459299.21, 3755863.18	0.21796	0.32491	6.92E-04	1.24E-07	6.93E-04	1.7E-07	5.2E-07	6.7E-09	7.5E-08	8.1E-08
146	459299.21, 3755893.18	0.25557	0.37119	8.12E-04	1.42E-07	8.12E-04	2.0E-07	6.1E-07	7.9E-09	8.7E-08	9.5E-08
147	459299.21, 3755923.18	0.30404	0.42822	9.66E-04	1.64E-07	9.66E-04	2.4E-07	7.2E-07	9.4E-09	1.0E-07	1.1E-07
148	459299.21, 3755953.18	0.36604	0.49976	1.16E-03	1.91E-07	1.16E-03	2.9E-07	8.7E-07	1.1E-08	1.3E-07	1.4E-07
149	459299.21, 3755983.18	0.44695	0.59089	1.42E-03	2.26E-07	1.42E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
150	459299.21, 3756013.18	0.54887	0.7102	1.74E-03	2.71E-07	1.74E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
151	459299.21, 3756043.18	0.6647	0.87116	2.11E-03	3.33E-07	2.11E-03	5.2E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
152	459299.21, 3756073.18	0.78165	1.09403	2.48E-03	4.18E-07	2.48E-03	6.1E-07	1.9E-06	2.4E-08	2.7E-07	2.9E-07
153	459299.21, 3756103.18	0.91219	1.42355	2.90E-03	5.44E-07	2.90E-03	7.2E-07	2.2E-06	2.8E-08	3.1E-07	3.4E-07
154	459299.21, 3756133.18	1.0256	1.93712	3.26E-03	7.40E-07	3.26E-03	8.1E-07	2.4E-06	3.2E-08	3.5E-07	3.8E-07
155	459299.21, 3756163.18	1.10036	2.84652	3.50E-03	1.09E-06	3.50E-03	8.6E-07	2.6E-06	3.4E-08	3.8E-07	4.1E-07
156	459299.21, 3756193.18	1.12618	4.86632	3.58E-03	1.86E-06	3.58E-03	8.9E-07	2.7E-06	3.5E-08	3.9E-07	4.2E-07
157	459299.21, 3756223.18	1.09474	11.80747	3.48E-03	4.51E-06	3.48E-03	8.6E-07	2.6E-06	3.4E-08	3.7E-07	4.1E-07
158	459329.21, 3755863.18	0.21164	0.3214	6.72E-04	1.23E-07	6.72E-04	1.7E-07	5.0E-07	6.5E-09	7.2E-08	7.9E-08
159	459329.21, 3755893.18	0.24722	0.36815	7.85E-04	1.41E-07	7.85E-04	1.9E-07	5.9E-07	7.6E-09	8.5E-08	9.2E-08
160	459329.21, 3755923.18	0.29281	0.4258	9.30E-04	1.63E-07	9.30E-04	2.3E-07	6.9E-07	9.0E-09	1.0E-07	1.1E-07
161	459329.21, 3755953.18	0.35069	0.49809	1.11E-03	1.90E-07	1.11E-03	2.8E-07	8.3E-07	1.1E-08	1.2E-07	1.3E-07
162	459329.21, 3755983.18	0.42069	0.59043	1.34E-03	2.26E-07	1.34E-03	3.3E-07	1.0E-06	1.3E-08	1.4E-07	1.6E-07
163	459329.21, 3756013.18	0.50068	0.71029	1.59E-03	2.71E-07	1.59E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.9E-07
164	459329.21, 3756043.18	0.59659	0.87207	1.90E-03	3.33E-07	1.90E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
165	459329.21, 3756073.18	0.69856	1.09396	2.22E-03	4.18E-07	2.22E-03	5.5E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
166	459329.21, 3756103.18	0.80281	1.41958	2.55E-03	5.42E-07	2.55E-03	6.3E-07	1.9E-06	2.5E-08	2.7E-07	3.0E-07
167	459329.21, 3756133.18	0.8897	1.93144	2.83E-03	7.38E-07	2.83E-03	7.0E-07	2.1E-06	2.7E-08	3.0E-07	3.3E-07
168	459329.21, 3756163.18	0.94294	2.82569	3.00E-03	1.08E-06	3.00E-03	7.4E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
169	459329.21, 3756193.18	0.96002	4.80782	3.05E-03	1.84E-06	3.05E-03	7.5E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
170	459329.21, 3756223.18	0.93672	11.71141	2.98E-03	4.47E-06	2.98E-03	7.4E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
171	459359.21, 3755893.18	0.23919	0.36438	7.60E-04	1.39E-07	7.60E-04	1.9E-07	5.7E-07	7.4E-09	8.2E-08	8.9E-08
172	459359.21, 3755923.18	0.2821	0.42243	8.96E-04	1.61E-07	8.96E-04	2.2E-07	6.7E-07	8.7E-09	9.6E-08	1.1E-07
173	459359.21, 3755953.18	0.33602	0.49529	1.07E-03	1.89E-07	1.07E-03	2.6E-07	8.0E-07	1.0E-08	1.1E-07	1.3E-07
174	459359.21, 3755983.18	0.38691	0.58758	1.23E-03	2.25E-07	1.23E-03	3.0E-07	9.2E-07	1.2E-08	1.3E-07	1.4E-07
175	459359.21, 3756013.18	0.45434	0.70587	1.44E-03	2.70E-07	1.44E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
176	459359.21, 3756043.18	0.54072	0.86766	1.72E-03	3.32E-07	1.72E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
177	459359.21, 3756073.18	0.62993	1.09289	2.00E-03	4.18E-07	2.00E-03	4.9E-07	1.5E-06	1.9E-08	2.2E-07	2.3E-07
178	459359.21, 3756103.18	0.71141	1.41656	2.26E-03	5.41E-07	2.26E-03	5.6E-07	1.7E-06	2.2E-08	2.4E-07	2.7E-07
179	459359.21, 3756133.18	0.77838	1.92284	2.47E-03	7.35E-07	2.47E-03	6.1E-07	1.8E-06	2.4E-08	2.7E-07	2.9E-07
180	459359.21, 3756163.18	0.81688	2.80015	2.59E-03	1.07E-06	2.60E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
181	459359.21, 3756193.18	0.82668	4.7371	2.63E-03	1.81E-06	2.63E-03	6.5E-07	2.0E-06	2.6E-08	2.8E-07	3.1E-07
182	459359.21, 3756223.18	0.80938	11.60742	2.57E-03	4.44E-06	2.58E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
183	459389.21, 3755923.18	0.27248	0.41792	8.66E-04	1.60E-07	8.66E-04	2.1E-07	6.5E-07	8.4E-09	9.3E-08	1.0E-07
184	459389.21, 3755953.18	0.32082	0.49131	1.02E-03	1.88E-07	1.02E-03	2.5E-07	7.6E-07	9.9E-09	1.1E-07	1.2E-07
185	459389.21, 3755983.18	0.36433	0.58412	1.16E-03	2.23E-07	1.16E-03	2.9E-07	8.6E-07	1.1E-08	1.2E-07	1.4E-07
186	459389.21, 3756013.18	0.42339	0.70158	1.34E-03	2.68E-07	1.35E-03	3.3E-07	1.0E-06	1.3E-08	1.4E-07	1.6E-07
187	459389.21, 3756043.18	0.49423	0.86212	1.57E-03	3.29E-07	1.57E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
188	459389.21, 3756073.18	0.56876	1.08871	1.81E-03	4.16E-07	1.81E-03	4.5E-07	1.3E-06	1.8E-08	1.9E-07	2.1E-07
189	459389.21, 3756103.18	0.63415	1.4074	2.01E-03	5.38E-07	2.02E-03	5.0E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
190	459389.21, 3756133.18	0.68425	1.89951	2.17E-03	7.26E-07	2.17E-03	5.4E-07	1.6E-06	2.1E-08	2.3E-07	2.6E-07
191	459389.21, 3756163.18	0.71235	2.75315	2.26E-03	1.05E-06	2.26E-03	5.6E-07	1.7E-06	2.2E-08	2.4E-07	2.7E-07
192	459389.21, 3756193.18	0.71927	4.66618	2.28E-03	1.78E-06	2.29E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
193	459389.21, 3756223.18	0.7058	11.50589	2.24E-03	4.40E-06	2.25E-03	5.6E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
194	458472.27, 3755792.92	0.30714	0.14897	9.76E-04	5.69E-08	9.76E-04	2.4E-07	7.3E-07	9.5E-09	1.0E-07	1.1E-07
195	458472.27, 3755822.92	0.33183	0.15407	1.05E-03	5.89E-08	1.05E-03	2.6E-07	7.9E-07	1.0E-08	1.1E-07	1.2E-07
196	458472.27, 3755852.92	0.35713	0.15891	1.13E-03	6.07E-08	1.13E-03	2.8E-07	8.5E-07	1.1E-08	1.2E-07	1.3E-07
197	458472.27, 3755882.92	0.38253	0.16347	1.22E-03	6.25E-08	1.22E-03	3.0E-07	9.1E-07	1.2E-08	1.3E-07	1.4E-07
198	458472.27, 3755912.92	0.40641	0.16729	1.29E-03	6.39E-08	1.29E-03	3.2E-07	9.6E-07	1.3E-08	1.4E-07	1.5E-07
199	458472.27, 3755942.92	0.4276	0.17026	1.36E-03	6.51E-08	1.36E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
200	458472.27, 3755972.92	0.44504	0.17234	1.41E-03	6.59E-08	1.41E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
201	458472.27, 3756002.92	0.45672	0.17313	1.45E-03	6.62E-08	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
202	458502.27, 3755792.92	0.32255	0.15637	1.02E-03	5.97E-08	1.02E-03	2.5E-07	7.7E-07	1.0E-08	1.1E-07	1.2E-07
203	458502.27, 3755822.92	0.35165	0.16259	1.12E-03	6.21E-08	1.12E-03	2.8E-07	8.3E-07	1.1E-08	1.2E-07	1.3E-07
204	458502.27, 3755852.92	0.38192	0.16853	1.21E-03	6.44E-08	1.21E-03	3.0E-07	9.1E-07	1.2E-08	1.3E-07	1.4E-07
205	458502.27, 3755882.92	0.41318	0.1743	1.31E-03	6.66E-08	1.31E-03	3.2E-07	9.8E-07	1.3E-08	1.4E-07	1.5E-07
206	458502.27, 3755912.92	0.44416	0.1796	1.41E-03	6.86E-08	1.41E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
207	458502.27, 3755942.92	0.47276	0.18398	1.50E-03	7.03E-08	1.50E-03	3.7E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
208	458502.27, 3755972.92	0.49754	0.18736	1.58E-03	7.16E-08	1.58E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.9E-07
209	458502.27, 3756002.92	0.51666	0.18955	1.64E-03	7.24E-08	1.64E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
210	458502.27, 3756032.92	0.52757	0.19006	1.68E-03	7.26E-08	1.68E-03	4.1E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
211	458532.27, 3755792.92	0.33745	0.1639	1.07E-03	6.26E-08	1.07E-03	2.7E-07	8.0E-07	1.0E-08	1.2E-07	1.3E-07
212	458532.27, 3755822.92	0.37123	0.17132	1.18E-03	6.55E-08	1.18E-03	2.9E-07	8.8E-07	1.1E-08	1.3E-07	1.4E-07
213	458532.27, 3755852.92	0.40736	0.17865	1.29E-03	6.83E-08	1.29E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
214	458532.27, 3755882.92	0.44517	0.18572	1.41E-03	7.10E-08	1.41E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
215	458532.27, 3755912.92	0.4843	0.19264	1.54E-03	7.36E-08	1.54E-03	3.8E-07	1.1E-06	1.5E-08	1.7E-07	1.8E-07
216	458532.27, 3755942.92	0.52246	0.19887	1.66E-03	7.60E-08	1.66E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
217	458532.27, 3755972.92	0.55711	0.20402	1.77E-03	7.80E-08	1.77E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
218	458532.27, 3756002.92	0.58626	0.208	1.86E-03	7.95E-08	1.86E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07

219	458532.27, 3756032.92	0.60651	0.21025	1.93E-03	8.03E-08	1.93E-03	4.8E-07	1.4E-06	1.9E-08	2.1E-07	2.3E-07
220	458562.27, 3755792.92	0.35175	0.17163	1.12E-03	6.56E-08	1.12E-03	2.8E-07	8.3E-07	1.1E-08	1.2E-07	1.3E-07
221	458562.27, 3755822.92	0.39018	0.18021	1.24E-03	6.89E-08	1.24E-03	3.1E-07	9.3E-07	1.2E-08	1.3E-07	1.5E-07
222	458562.27, 3755852.92	0.43267	0.18906	1.37E-03	7.22E-08	1.37E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
223	458562.27, 3755882.92	0.47828	0.19779	1.52E-03	7.56E-08	1.52E-03	3.8E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
224	458562.27, 3755912.92	0.52654	0.20642	1.67E-03	7.89E-08	1.67E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	2.0E-07
225	458562.27, 3755942.92	0.57637	0.21486	1.83E-03	8.21E-08	1.83E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.1E-07
226	458562.27, 3755972.92	0.62432	0.22242	1.98E-03	8.50E-08	1.98E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
227	458562.27, 3756002.92	0.66683	0.22864	2.12E-03	8.74E-08	2.12E-03	5.2E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
228	458562.27, 3756032.92	0.70052	0.23328	2.23E-03	8.91E-08	2.23E-03	5.5E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
229	458562.27, 3756062.92	0.72046	0.23547	2.29E-03	9.00E-08	2.29E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
230	458592.27, 3755792.92	0.36504	0.17948	1.16E-03	6.86E-08	1.16E-03	2.9E-07	8.7E-07	1.1E-08	1.2E-07	1.4E-07
231	458592.27, 3755822.92	0.40826	0.18929	1.30E-03	7.23E-08	1.30E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
232	458592.27, 3755852.92	0.45718	0.19966	1.45E-03	7.63E-08	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
233	458592.27, 3755882.92	0.51142	0.21026	1.62E-03	8.03E-08	1.62E-03	4.0E-07	1.2E-06	1.6E-08	1.7E-07	1.9E-07
234	458592.27, 3755912.92	0.57063	0.22103	1.81E-03	8.45E-08	1.81E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.1E-07
235	458592.27, 3755942.92	0.63396	0.23189	2.01E-03	8.86E-08	2.01E-03	5.0E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
236	458592.27, 3755972.92	0.69871	0.24239	2.22E-03	9.26E-08	2.22E-03	5.5E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
237	458592.27, 3756002.92	0.75994	0.25176	2.41E-03	9.62E-08	2.41E-03	6.0E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
238	458592.27, 3756032.92	0.81254	0.25951	2.58E-03	9.92E-08	2.58E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
239	458592.27, 3756062.92	0.85038	0.26491	2.70E-03	1.01E-07	2.70E-03	6.7E-07	2.0E-06	2.6E-08	2.9E-07	3.2E-07
240	458622.27, 3755792.92	0.37685	0.18729	1.20E-03	7.16E-08	1.20E-03	3.0E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
241	458622.27, 3755822.92	0.42495	0.19848	1.35E-03	7.58E-08	1.35E-03	3.3E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
242	458622.27, 3755852.92	0.48042	0.21042	1.53E-03	8.04E-08	1.53E-03	3.8E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
243	458622.27, 3755882.92	0.5441	0.22316	1.73E-03	8.53E-08	1.73E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
244	458622.27, 3755912.92	0.61583	0.23643	1.96E-03	9.03E-08	1.96E-03	4.8E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
245	458622.27, 3755942.92	0.69469	0.24998	2.21E-03	9.55E-08	2.21E-03	5.5E-07	1.6E-06	2.1E-08	2.4E-07	2.6E-07
246	458622.27, 3755972.92	0.77959	0.26382	2.48E-03	1.01E-07	2.48E-03	6.1E-07	1.8E-06	2.4E-08	2.7E-07	2.9E-07
247	458622.27, 3756002.92	0.86579	0.27724	2.75E-03	1.06E-07	2.75E-03	6.8E-07	2.1E-06	2.7E-08	3.0E-07	3.2E-07
248	458622.27, 3756032.92	0.94551	0.28926	3.00E-03	1.11E-07	3.00E-03	7.4E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
249	458622.27, 3756062.92	1.01073	0.29917	3.21E-03	1.14E-07	3.21E-03	7.9E-07	2.4E-06	3.1E-08	3.5E-07	3.8E-07
250	458622.27, 3756092.92	1.05103	0.30554	3.34E-03	1.17E-07	3.34E-03	8.3E-07	2.5E-06	3.2E-08	3.6E-07	3.9E-07
251	458652.27, 3755792.92	0.38674	0.19494	1.23E-03	7.45E-08	1.23E-03	3.0E-07	9.2E-07	1.2E-08	1.3E-07	1.4E-07
252	458652.27, 3755822.92	0.43975	0.2077	1.40E-03	7.94E-08	1.40E-03	3.5E-07	1.0E-06	1.4E-08	1.5E-07	1.6E-07
253	458652.27, 3755852.92	0.50202	0.22145	1.59E-03	8.46E-08	1.59E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.9E-07
254	458652.27, 3755882.92	0.57522	0.23635	1.83E-03	9.03E-08	1.83E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.1E-07
255	458652.27, 3755912.92	0.66033	0.2523	2.10E-03	9.64E-08	2.10E-03	5.2E-07	1.6E-06	2.0E-08	2.3E-07	2.5E-07
256	458652.27, 3755942.92	0.75735	0.26906	2.41E-03	1.03E-07	2.41E-03	5.9E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
257	458652.27, 3755972.92	0.86601	0.28666	2.75E-03	1.10E-07	2.75E-03	6.8E-07	2.1E-06	2.7E-08	3.0E-07	3.2E-07
258	458652.27, 3756002.92	0.98363	0.30487	3.12E-03	1.16E-07	3.12E-03	7.7E-07	2.3E-06	3.0E-08	3.4E-07	3.7E-07
259	458652.27, 3756032.92	1.10219	0.32274	3.50E-03	1.23E-07	3.50E-03	8.7E-07	2.6E-06	3.4E-08	3.8E-07	4.1E-07
260	458652.27, 3756062.92	1.20926	0.33903	3.84E-03	1.30E-07	3.84E-03	9.5E-07	2.9E-06	3.7E-08	4.1E-07	4.5E-07
261	458652.27, 3756092.92	1.28969	0.35219	4.10E-03	1.35E-07	4.10E-03	1.0E-06	3.1E-06	4.0E-08	4.4E-07	4.8E-07
262	458652.27, 3756122.92	1.32708	0.35969	4.22E-03	1.37E-07	4.22E-03	1.0E-06	3.1E-06	4.1E-08	4.5E-07	4.9E-07
263	458682.27, 3755792.92	0.39465	0.20265	1.25E-03	7.74E-08	1.25E-03	3.1E-07	9.4E-07	1.2E-08	1.3E-07	1.5E-07
264	458682.27, 3755822.92	0.45222	0.21701	1.44E-03	8.29E-08	1.44E-03	3.6E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
265	458682.27, 3755852.92	0.52097	0.23258	1.65E-03	8.89E-08	1.66E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
266	458682.27, 3755882.92	0.60332	0.2496	1.92E-03	9.54E-08	1.92E-03	4.7E-07	1.4E-06	1.9E-08	2.1E-07	2.2E-07
267	458682.27, 3755912.92	0.70243	0.26847	2.23E-03	1.03E-07	2.23E-03	5.5E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
268	458682.27, 3755942.92	0.81951	0.28883	2.60E-03	1.10E-07	2.60E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.1E-07
269	458682.27, 3755972.92	0.95661	0.31096	3.04E-03	1.19E-07	3.04E-03	7.5E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
270	458682.27, 3756002.92	1.11388	0.33498	3.54E-03	1.28E-07	3.54E-03	8.7E-07	2.6E-06	3.4E-08	3.8E-07	4.2E-07
271	458682.27, 3756032.92	1.28455	0.36008	4.08E-03	1.38E-07	4.08E-03	1.0E-06	3.0E-06	4.0E-08	4.4E-07	4.8E-07
272	458682.27, 3756062.92	1.45427	0.38505	4.62E-03	1.47E-07	4.62E-03	1.1E-06	3.4E-06	4.5E-08	5.0E-07	5.4E-07
273	458682.27, 3756092.92	1.60064	0.40807	5.08E-03	1.56E-07	5.08E-03	1.3E-06	3.8E-06	4.9E-08	5.5E-07	6.0E-07
274	458682.27, 3756122.92	1.6969	0.42632	5.39E-03	1.63E-07	5.39E-03	1.3E-06	4.0E-06	5.2E-08	5.8E-07	6.3E-07
275	458712.27, 3755792.92	0.39975	0.21021	1.27E-03	8.03E-08	1.27E-03	3.1E-07	9.5E-07	1.2E-08	1.4E-07	1.5E-07
276	458712.27, 3755822.92	0.46103	0.22601	1.46E-03	8.64E-08	1.46E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
277	458712.27, 3755852.92	0.53554	0.2434	1.70E-03	9.30E-08	1.70E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
278	458712.27, 3755882.92	0.62697	0.26282	1.99E-03	1.00E-07	1.99E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
279	458712.27, 3755912.92	0.74	0.28477	2.35E-03	1.09E-07	2.35E-03	5.8E-07	1.8E-06	2.3E-08	2.5E-07	2.8E-07
280	458712.27, 3755942.92	0.87817	0.30902	2.79E-03	1.18E-07	2.79E-03	6.9E-07	2.1E-06	2.7E-08	3.0E-07	3.3E-07
281	458712.27, 3755972.92	1.04682	0.33612	3.33E-03	1.28E-07	3.33E-03	8.2E-07	2.5E-06	3.2E-08	3.6E-07	3.9E-07
282	458712.27, 3756002.92	1.25151	0.36684	3.98E-03	1.40E-07	3.98E-03	9.8E-07	3.0E-06	3.9E-08	4.3E-07	4.7E-07
283	458712.27, 3756032.92	1.48968	0.40061	4.73E-03	1.53E-07	4.73E-03	1.2E-06	3.5E-06	4.6E-08	5.1E-07	5.6E-07
284	458712.27, 3756062.92	1.74987	0.43684	5.56E-03	1.67E-07	5.56E-03	1.4E-06	4.2E-06	5.4E-08	6.0E-07	6.5E-07
285	458712.27, 3756092.92	2.00546	0.47417	6.37E-03	1.81E-07	6.37E-03	1.6E-06	4.8E-06	6.2E-08	6.9E-07	7.5E-07
286	458712.27, 3756122.92	2.21449	0.50988	7.03E-03	1.95E-07	7.03E-03	1.7E-06	5.3E-06	6.8E-08	7.6E-07	8.3E-07
287	458712.27, 3756152.92	2.32123	0.53715	7.37E-03	2.05E-07	7.37E-03	1.8E-06	5.5E-06	7.2E-08	7.9E-07	8.6E-07
288	458742.27, 3755792.92	0.40102	0.21735	1.27E-03	8.30E-08	1.27E-03	3.2E-07	9.5E-07	1.2E-08	1.4E-07	1.5E-07
289	458742.27, 3755822.92	0.46532	0.23469	1.48E-03	8.97E-08	1.48E-03	3.7E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
290	458742.27, 3755852.92	0.54483	0.25404	1.73E-03	9.71E-08	1.73E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
291	458742.27, 3755882.92	0.64412	0.27584	2.05E-03	1.05E-07	2.05E-03	5.1E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
292	458742.27, 3755912.92	0.76986	0.30086	2.45E-03	1.15E-07	2.45E-03	6.0E-07	1.8E-06	2.4E-08	2.6E-07	2.9E-07
293	458742.27, 3755942.92	0.92918	0.32933	2.95E-03	1.26E-07	2.95E-03	7.3E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
294	458742.27, 3755972.92	1.13044	0.36159	3.59E-03	1.38E-07	3.59E-03	8.9E-07	2.7E-06	3.5E-08	3.9E-07	4.2E-07

295	458742.27, 3756002.92	1.38731	0.39936	4.41E-03	1.53E-07	4.41E-03	1.1E-06	3.3E-06	4.3E-08	4.7E-07	5.2E-07
296	458742.27, 3756032.92	1.71002	0.44342	5.43E-03	1.69E-07	5.43E-03	1.3E-06	4.1E-06	5.3E-08	5.8E-07	6.4E-07
297	458742.27, 3756062.92	2.0977	0.49396	6.66E-03	1.89E-07	6.66E-03	1.6E-06	5.0E-06	6.5E-08	7.2E-07	7.8E-07
298	458742.27, 3756092.92	2.531	0.55129	8.04E-03	2.11E-07	8.04E-03	2.0E-06	6.0E-06	7.8E-08	8.6E-07	9.4E-07
299	458742.27, 3756122.92	2.95057	0.61364	9.37E-03	2.34E-07	9.37E-03	2.3E-06	7.0E-06	9.1E-08	1.0E-06	1.1E-06
300	458742.27, 3756152.92	3.25811	0.67514	1.03E-02	2.58E-07	1.04E-02	2.6E-06	7.7E-06	1.0E-07	1.1E-06	1.2E-06
301	458742.27, 3756182.92	3.32996	0.71821	1.06E-02	2.74E-07	1.06E-02	2.6E-06	7.9E-06	1.0E-07	1.1E-06	1.2E-06
302	458772.27, 3755792.92	0.3976	0.22398	1.26E-03	8.56E-08	1.26E-03	3.1E-07	9.4E-07	1.2E-08	1.4E-07	1.5E-07
303	458772.27, 3755822.92	0.46384	0.24292	1.47E-03	9.28E-08	1.47E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
304	458772.27, 3755852.92	0.54678	0.26419	1.74E-03	1.01E-07	1.74E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
305	458772.27, 3755882.92	0.65194	0.28831	2.07E-03	1.10E-07	2.07E-03	5.1E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
306	458772.27, 3755912.92	0.78791	0.31633	2.50E-03	1.21E-07	2.50E-03	6.2E-07	1.9E-06	2.4E-08	2.7E-07	2.9E-07
307	458772.27, 3755942.92	0.96577	0.34901	3.07E-03	1.33E-07	3.07E-03	7.6E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
308	458772.27, 3755972.92	1.19965	0.38702	3.81E-03	1.48E-07	3.81E-03	9.4E-07	2.8E-06	3.7E-08	4.1E-07	4.5E-07
309	458772.27, 3756002.92	1.51038	0.43204	4.80E-03	1.65E-07	4.80E-03	1.2E-06	3.6E-06	4.7E-08	5.2E-07	5.6E-07
310	458772.27, 3756032.92	1.92904	0.48711	6.13E-03	1.86E-07	6.13E-03	1.5E-06	4.6E-06	6.0E-08	6.6E-07	7.2E-07
311	458772.27, 3756062.92	2.48316	0.5544	7.89E-03	2.12E-07	7.89E-03	2.0E-06	5.9E-06	7.7E-08	8.5E-07	9.3E-07
312	458772.27, 3756092.92	3.18594	0.63701	1.01E-02	2.43E-07	1.01E-02	2.5E-06	7.6E-06	9.8E-08	1.1E-06	1.2E-06
313	458772.27, 3756122.92	3.9971	0.73822	1.27E-02	2.82E-07	1.27E-02	3.1E-06	9.5E-06	1.2E-07	1.4E-06	1.5E-06
314	458772.27, 3756152.92	4.78098	0.86011	1.52E-02	3.29E-07	1.52E-02	3.8E-06	1.1E-05	1.5E-07	1.6E-06	1.8E-06
315	458772.27, 3756182.92	5.25893	0.9892	1.67E-02	3.78E-07	1.67E-02	4.1E-06	1.2E-05	1.6E-07	1.8E-06	2.0E-06
316	458802.27, 3755792.92	0.38883	0.23	1.24E-03	8.79E-08	1.24E-03	3.1E-07	9.2E-07	1.2E-08	1.3E-07	1.4E-07
317	458802.27, 3755822.92	0.45529	0.2504	1.45E-03	9.57E-08	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
318	458802.27, 3755852.92	0.53946	0.27352	1.71E-03	1.05E-07	1.71E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
319	458802.27, 3755882.92	0.64765	0.29993	2.06E-03	1.15E-07	2.06E-03	5.1E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
320	458802.27, 3755912.92	0.78972	0.33076	2.51E-03	1.26E-07	2.51E-03	6.2E-07	1.9E-06	2.4E-08	2.7E-07	2.9E-07
321	458802.27, 3755942.92	0.98057	0.36745	3.11E-03	1.40E-07	3.12E-03	7.7E-07	2.3E-06	3.0E-08	3.4E-07	3.7E-07
322	458802.27, 3755972.92	1.24101	0.41121	3.94E-03	1.57E-07	3.94E-03	9.7E-07	2.9E-06	3.8E-08	4.2E-07	4.6E-07
323	458802.27, 3756002.92	1.60166	0.4638	5.09E-03	1.77E-07	5.09E-03	1.3E-06	3.8E-06	4.9E-08	5.5E-07	6.0E-07
324	458802.27, 3756032.92	2.11492	0.52953	6.72E-03	2.02E-07	6.72E-03	1.7E-06	5.0E-06	6.5E-08	7.2E-07	7.9E-07
325	458802.27, 3756062.92	2.8614	0.61445	9.09E-03	2.35E-07	9.09E-03	2.2E-06	6.8E-06	8.8E-08	9.8E-07	1.1E-06
326	458802.27, 3756092.92	3.93852	0.72597	1.25E-02	2.77E-07	1.25E-02	3.1E-06	9.3E-06	1.2E-07	1.3E-06	1.5E-06
327	458802.27, 3756122.92	5.44159	0.87782	1.73E-02	3.35E-07	1.73E-02	4.3E-06	1.3E-05	1.7E-07	1.9E-06	2.0E-06
328	458802.27, 3756152.92	7.35011	1.09509	2.33E-02	4.18E-07	2.33E-02	5.8E-06	1.7E-05	2.3E-07	2.5E-06	2.7E-06
329	458802.27, 3756182.92	9.25444	1.41429	2.94E-02	5.40E-07	2.94E-02	7.3E-06	2.2E-05	2.9E-07	3.2E-06	3.4E-06
330	458802.27, 3756212.92	9.94701	1.81467	3.16E-02	6.93E-07	3.16E-02	7.8E-06	2.4E-05	3.1E-07	3.4E-06	3.7E-06
331	458832.27, 3755792.92	0.37468	0.23542	1.19E-03	9.00E-08	1.19E-03	2.9E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
332	458832.27, 3755822.92	0.43932	0.25698	1.40E-03	9.82E-08	1.40E-03	3.5E-07	1.0E-06	1.4E-08	1.5E-07	1.6E-07
333	458832.27, 3755852.92	0.522	0.28183	1.66E-03	1.08E-07	1.66E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
334	458832.27, 3755882.92	0.62946	0.31049	2.00E-03	1.19E-07	2.00E-03	4.9E-07	1.5E-06	1.9E-08	2.2E-07	2.3E-07
335	458832.27, 3755912.92	0.77207	0.34394	2.45E-03	1.31E-07	2.45E-03	6.1E-07	1.8E-06	2.4E-08	2.6E-07	2.9E-07
336	458832.27, 3755942.92	0.96703	0.38415	3.07E-03	1.47E-07	3.07E-03	7.6E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
337	458832.27, 3755972.92	1.24049	0.43292	3.94E-03	1.65E-07	3.94E-03	9.7E-07	2.9E-06	3.8E-08	4.2E-07	4.6E-07
338	458832.27, 3756002.92	1.63482	0.49289	5.19E-03	1.88E-07	5.19E-03	1.3E-06	3.9E-06	5.0E-08	5.6E-07	6.1E-07
339	458832.27, 3756032.92	2.22345	0.56882	7.06E-03	2.17E-07	7.06E-03	1.7E-06	5.3E-06	6.9E-08	7.6E-07	8.3E-07
340	458832.27, 3756062.92	3.14706	0.66991	1.00E-02	2.56E-07	1.00E-02	2.5E-06	7.5E-06	9.7E-08	1.1E-06	1.2E-06
341	458832.27, 3756092.92	4.65933	0.81003	1.48E-02	3.10E-07	1.48E-02	3.7E-06	1.1E-05	1.4E-07	1.6E-06	1.7E-06
342	458832.27, 3756122.92	7.22617	1.01603	2.30E-02	3.88E-07	2.30E-02	5.7E-06	1.7E-05	2.2E-07	2.5E-06	2.7E-06
343	458832.27, 3756152.92	11.59461	1.34863	3.68E-02	5.15E-07	3.68E-02	9.1E-06	2.7E-05	3.6E-07	4.0E-06	4.3E-06
344	458832.27, 3756182.92	18.26466	1.9758	5.80E-02	7.55E-07	5.80E-02	1.4E-05	4.3E-05	5.6E-07	6.2E-06	6.8E-06
345	458862.27, 3755792.92	0.35586	0.24016	1.13E-03	9.18E-08	1.13E-03	2.8E-07	8.4E-07	1.1E-08	1.2E-07	1.3E-07
346	458862.27, 3755822.92	0.41692	0.2628	1.32E-03	1.00E-07	1.32E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
347	458862.27, 3755852.92	0.49525	0.28904	1.57E-03	1.10E-07	1.57E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
348	458862.27, 3755882.92	0.59777	0.31972	1.90E-03	1.22E-07	1.90E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
349	458862.27, 3755912.92	0.73481	0.35576	2.33E-03	1.36E-07	2.33E-03	5.8E-07	1.7E-06	2.3E-08	2.5E-07	2.7E-07
350	458862.27, 3755942.92	0.92326	0.39886	2.93E-03	1.52E-07	2.93E-03	7.3E-07	2.2E-06	2.8E-08	3.2E-07	3.4E-07
351	458862.27, 3755972.92	1.19245	0.452	3.79E-03	1.73E-07	3.79E-03	9.4E-07	2.8E-06	3.7E-08	4.1E-07	4.4E-07
352	458862.27, 3756002.92	1.5917	0.51856	5.06E-03	1.98E-07	5.06E-03	1.3E-06	3.8E-06	4.9E-08	5.4E-07	5.9E-07
353	458862.27, 3756032.92	2.21135	0.60393	7.02E-03	2.31E-07	7.02E-03	1.7E-06	5.2E-06	6.8E-08	7.6E-07	8.2E-07
354	458862.27, 3756062.92	3.2404	0.71922	1.03E-02	2.75E-07	1.03E-02	2.5E-06	7.7E-06	1.0E-07	1.1E-06	1.2E-06
355	458862.27, 3756092.92	5.09666	0.88329	1.62E-02	3.37E-07	1.62E-02	4.0E-06	1.2E-05	1.6E-07	1.7E-06	1.9E-06
356	458862.27, 3756122.92	8.78928	1.13247	2.79E-02	4.33E-07	2.79E-02	6.9E-06	2.1E-05	2.7E-07	3.0E-06	3.3E-06
357	458862.27, 3756152.92	17.3105	1.5594	5.50E-02	5.96E-07	5.50E-02	1.4E-05	4.1E-05	5.3E-07	5.9E-06	6.5E-06
358	458892.27, 3755792.92	0.33397	0.24417	1.06E-03	9.33E-08	1.06E-03	2.6E-07	7.9E-07	1.0E-08	1.1E-07	1.2E-07
359	458892.27, 3755822.92	0.39022	0.26788	1.24E-03	1.02E-07	1.24E-03	3.1E-07	9.3E-07	1.2E-08	1.3E-07	1.5E-07
360	458892.27, 3755852.92	0.46209	0.29528	1.47E-03	1.13E-07	1.47E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
361	458892.27, 3755882.92	0.55612	0.32756	1.77E-03	1.25E-07	1.77E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
362	458892.27, 3755912.92	0.68209	0.36595	2.17E-03	1.40E-07	2.17E-03	5.4E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
363	458892.27, 3755942.92	0.85547	0.41197	2.72E-03	1.57E-07	2.72E-03	6.7E-07	2.0E-06	2.6E-08	2.9E-07	3.2E-07
364	458892.27, 3755972.92	1.1035	0.46867	3.51E-03	1.79E-07	3.51E-03	8.7E-07	2.6E-06	3.4E-08	3.8E-07	4.1E-07
365	458892.27, 3756002.92	1.47496	0.5404	4.69E-03	2.06E-07	4.69E-03	1.2E-06	3.5E-06	4.6E-08	5.0E-07	5.5E-07
366	458892.27, 3756032.92	2.06392	0.6339	6.56E-03	2.42E-07	6.56E-03	1.6E-06	4.9E-06	6.4E-08	7.1E-07	7.7E-07
367	458892.27, 3756062.92	3.07387	0.76117	9.76E-03	2.91E-07	9.76E-03	2.4E-06	7.3E-06	9.5E-08	1.1E-06	1.1E-06
368	458892.27, 3756092.92	4.99063	0.94237	1.59E-02	3.60E-07	1.59E-02	3.9E-06	1.2E-05	1.5E-07	1.7E-06	1.9E-06
369	458922.27, 3755792.92	0.31115	0.24753	9.88E-04	9.46E-08	9.89E-04	2.4E-07	7.4E-07	9.6E-09	1.1E-07	1.2E-07
370	458922.27, 3755822.92	0.36198	0.2722	1.15E-03	1.04E-07	1.15E-03	2.8E-07	8.6E-07	1.1E-08	1.2E-07	1.3E-07

371	458922.27, 3755852.92	0.42655	0.30073	1.35E-03	1.15E-07	1.36E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
372	458922.27, 3755882.92	0.51046	0.33435	1.62E-03	1.28E-07	1.62E-03	4.0E-07	1.2E-06	1.6E-08	1.7E-07	1.9E-07
373	458922.27, 3755912.92	0.62229	0.37463	1.98E-03	1.43E-07	1.98E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
374	458922.27, 3755942.92	0.77545	0.42334	2.46E-03	1.62E-07	2.46E-03	6.1E-07	1.8E-06	2.4E-08	2.7E-07	2.9E-07
375	458922.27, 3755972.92	0.99254	0.4831	3.15E-03	1.85E-07	3.15E-03	7.8E-07	2.4E-06	3.1E-08	3.4E-07	3.7E-07
376	458922.27, 3756002.92	1.31572	0.55919	4.18E-03	2.14E-07	4.18E-03	1.0E-06	3.1E-06	4.1E-08	4.5E-07	4.9E-07
377	458922.27, 3756032.92	1.82555	0.65876	5.80E-03	2.52E-07	5.80E-03	1.4E-06	4.3E-06	5.6E-08	6.2E-07	6.8E-07
378	458922.27, 3756062.92	2.69995	0.79478	8.58E-03	3.04E-07	8.58E-03	2.1E-06	6.4E-06	8.3E-08	9.2E-07	1.0E-06
379	458952.27, 3755792.92	0.28932	0.25025	9.19E-04	9.56E-08	9.19E-04	2.3E-07	6.9E-07	8.9E-09	9.9E-08	1.1E-07
380	458952.27, 3755822.92	0.33493	0.27589	1.06E-03	1.05E-07	1.06E-03	2.6E-07	7.9E-07	1.0E-08	1.1E-07	1.2E-07
381	458952.27, 3755852.92	0.39242	0.30545	1.25E-03	1.17E-07	1.25E-03	3.1E-07	9.3E-07	1.2E-08	1.3E-07	1.5E-07
382	458952.27, 3755882.92	0.46651	0.34034	1.48E-03	1.30E-07	1.48E-03	3.7E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
383	458952.27, 3755912.92	0.56432	0.38225	1.79E-03	1.46E-07	1.79E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
384	458952.27, 3755942.92	0.69688	0.43312	2.21E-03	1.65E-07	2.21E-03	5.5E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
385	458952.27, 3755972.92	0.88263	0.49585	2.80E-03	1.89E-07	2.80E-03	6.9E-07	2.1E-06	2.7E-08	3.0E-07	3.3E-07
386	458952.27, 3756002.92	1.15468	0.57545	3.67E-03	2.20E-07	3.67E-03	9.1E-07	2.7E-06	3.6E-08	3.9E-07	4.3E-07
387	458982.27, 3755792.92	0.26968	0.25238	8.57E-04	9.64E-08	8.57E-04	2.1E-07	6.4E-07	8.3E-09	9.2E-08	1.0E-07
388	458982.27, 3755822.92	0.31066	0.27875	9.87E-04	1.07E-07	9.87E-04	2.4E-07	7.4E-07	9.6E-09	1.1E-07	1.2E-07
389	458982.27, 3755852.92	0.36206	0.30945	1.15E-03	1.18E-07	1.15E-03	2.8E-07	8.6E-07	1.1E-08	1.2E-07	1.3E-07
390	458982.27, 3755882.92	0.42769	0.34553	1.36E-03	1.32E-07	1.36E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
391	458982.27, 3755912.92	0.51351	0.38885	1.63E-03	1.49E-07	1.63E-03	4.0E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
392	458982.27, 3755942.92	0.62867	0.44153	2.00E-03	1.69E-07	2.00E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
393	458982.27, 3755972.92	0.78843	0.50685	2.50E-03	1.94E-07	2.50E-03	6.2E-07	1.9E-06	2.4E-08	2.7E-07	2.9E-07
394	459012.27, 3755792.92	0.25263	0.25399	8.03E-04	9.70E-08	8.03E-04	2.0E-07	6.0E-07	7.8E-09	8.6E-08	9.4E-08
395	459012.27, 3755822.92	0.28974	0.281	9.20E-04	1.07E-07	9.21E-04	2.3E-07	6.9E-07	8.9E-09	9.9E-08	1.1E-07
396	459012.27, 3755852.92	0.33607	0.31268	1.07E-03	1.19E-07	1.07E-03	2.6E-07	8.0E-07	1.0E-08	1.1E-07	1.3E-07
397	459012.27, 3755882.92	0.39485	0.34986	1.25E-03	1.34E-07	1.25E-03	3.1E-07	9.4E-07	1.2E-08	1.3E-07	1.5E-07
398	459012.27, 3755912.92	0.47116	0.39444	1.50E-03	1.51E-07	1.50E-03	3.7E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
399	459042.27, 3755792.92	0.2379	0.25518	7.56E-04	9.75E-08	7.56E-04	1.9E-07	5.6E-07	7.3E-09	8.1E-08	8.9E-08
400	459042.27, 3755822.92	0.2718	0.28274	8.63E-04	1.08E-07	8.64E-04	2.1E-07	6.4E-07	8.4E-09	9.3E-08	1.0E-07
401	459042.27, 3755852.92	0.3139	0.315	9.97E-04	1.20E-07	9.97E-04	2.5E-07	7.4E-07	9.7E-09	1.1E-07	1.2E-07
402	459042.27, 3755882.92	0.36717	0.35325	1.17E-03	1.35E-07	1.17E-03	2.9E-07	8.7E-07	1.1E-08	1.3E-07	1.4E-07
403	459072.27, 3755792.92	0.22496	0.25582	7.15E-04	9.77E-08	7.15E-04	1.8E-07	5.3E-07	6.9E-09	7.7E-08	8.4E-08
404	459072.27, 3755822.92	0.25614	0.28391	8.14E-04	1.08E-07	8.14E-04	2.0E-07	6.1E-07	7.9E-09	8.8E-08	9.5E-08
405	459102.27, 3755792.92	0.21335	0.25585	6.78E-04	9.78E-08	6.78E-04	1.7E-07	5.1E-07	6.6E-09	7.3E-08	8.0E-08
406	458632.68, 3756291.16	0.79596	0.25796	2.53E-03	9.86E-08	2.53E-03	6.3E-07	1.9E-06	2.5E-08	2.7E-07	3.0E-07
407	458632.68, 3756321.16	0.71592	0.24311	2.27E-03	9.29E-08	2.27E-03	5.6E-07	1.7E-06	2.2E-08	2.4E-07	2.7E-07
408	458632.68, 3756351.16	0.63791	0.22757	2.03E-03	8.70E-08	2.03E-03	5.0E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
409	458632.68, 3756381.16	0.56508	0.21189	1.80E-03	8.10E-08	1.80E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
410	458662.68, 3756291.16	0.98608	0.30549	3.13E-03	1.17E-07	3.13E-03	7.7E-07	2.3E-06	3.0E-08	3.4E-07	3.7E-07
411	458662.68, 3756321.16	0.86953	0.28437	2.76E-03	1.09E-07	2.76E-03	6.8E-07	2.1E-06	2.7E-08	3.0E-07	3.2E-07
412	458662.68, 3756351.16	0.7592	0.26257	2.41E-03	1.00E-07	2.41E-03	6.0E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
413	458662.68, 3756381.16	0.65936	0.24124	2.09E-03	9.22E-08	2.09E-03	5.2E-07	1.6E-06	2.0E-08	2.3E-07	2.5E-07
414	458662.68, 3756411.16	0.57125	0.22114	1.81E-03	8.45E-08	1.81E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.1E-07
415	458662.68, 3756441.16	0.49476	0.20263	1.57E-03	7.74E-08	1.57E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
416	458662.68, 3756471.16	0.42911	0.18581	1.36E-03	7.10E-08	1.36E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
417	458662.68, 3756501.16	0.37336	0.1707	1.19E-03	6.52E-08	1.19E-03	2.9E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
418	458662.68, 3756531.16	0.3263	0.15724	1.04E-03	6.01E-08	1.04E-03	2.6E-07	7.7E-07	1.0E-08	1.1E-07	1.2E-07
419	458692.68, 3756291.16	1.25122	0.37108	3.97E-03	1.42E-07	3.97E-03	9.8E-07	3.0E-06	3.9E-08	4.3E-07	4.7E-07
420	458692.68, 3756321.16	1.07418	0.33923	3.41E-03	1.30E-07	3.41E-03	8.4E-07	2.5E-06	3.3E-08	3.7E-07	4.0E-07
421	458692.68, 3756351.16	0.91312	0.30735	2.90E-03	1.17E-07	2.90E-03	7.2E-07	2.2E-06	2.8E-08	3.1E-07	3.4E-07
422	458692.68, 3756381.16	0.77308	0.27738	2.46E-03	1.06E-07	2.46E-03	6.1E-07	1.8E-06	2.4E-08	2.6E-07	2.9E-07
423	458692.68, 3756411.16	0.65416	0.25015	2.08E-03	9.56E-08	2.08E-03	5.1E-07	1.6E-06	2.0E-08	2.2E-07	2.4E-07
424	458692.68, 3756441.16	0.55485	0.22595	1.76E-03	8.63E-08	1.76E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
425	458692.68, 3756471.16	0.47269	0.20463	1.50E-03	7.82E-08	1.50E-03	3.7E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
426	458692.68, 3756501.16	0.40509	0.18596	1.29E-03	7.11E-08	1.29E-03	3.2E-07	9.6E-07	1.3E-08	1.4E-07	1.5E-07
427	458692.68, 3756531.16	0.34956	0.16975	1.11E-03	6.49E-08	1.11E-03	2.7E-07	8.3E-07	1.1E-08	1.2E-07	1.3E-07
428	458722.68, 3756291.16	1.63555	0.46687	5.20E-03	1.78E-07	5.20E-03	1.3E-06	3.9E-06	5.0E-08	5.6E-07	6.1E-07
429	458722.68, 3756321.16	1.3519	0.41506	4.29E-03	1.59E-07	4.29E-03	1.1E-06	3.2E-06	4.2E-08	4.6E-07	5.0E-07
430	458722.68, 3756351.16	1.10807	0.36583	3.52E-03	1.40E-07	3.52E-03	8.7E-07	2.6E-06	3.4E-08	3.8E-07	4.1E-07
431	458722.68, 3756381.16	0.90769	0.32207	2.88E-03	1.23E-07	2.88E-03	7.1E-07	2.2E-06	2.8E-08	3.1E-07	3.4E-07
432	458722.68, 3756411.16	0.74665	0.28442	2.37E-03	1.09E-07	2.37E-03	5.9E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
433	458722.68, 3756441.16	0.61858	0.25244	1.97E-03	9.65E-08	1.97E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
434	458722.68, 3756471.16	0.51705	0.22543	1.64E-03	8.61E-08	1.64E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
435	458722.68, 3756501.16	0.43646	0.20251	1.39E-03	7.74E-08	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
436	458722.68, 3756531.16	0.37184	0.18311	1.18E-03	7.00E-08	1.18E-03	2.9E-07	8.8E-07	1.1E-08	1.3E-07	1.4E-07
437	458752.68, 3756291.16	2.21375	0.6172	7.03E-03	2.36E-07	7.03E-03	1.7E-06	5.3E-06	6.8E-08	7.6E-07	8.2E-07
438	458752.68, 3756321.16	1.72836	0.5234	5.49E-03	2.00E-07	5.49E-03	1.4E-06	4.1E-06	5.3E-08	5.9E-07	6.4E-07
439	458752.68, 3756351.16	1.34813	0.44237	4.28E-03	1.69E-07	4.28E-03	1.1E-06	3.2E-06	4.2E-08	4.6E-07	5.0E-07
440	458752.68, 3756381.16	1.06067	0.3766	3.37E-03	1.44E-07	3.37E-03	8.3E-07	2.5E-06	3.3E-08	3.6E-07	4.0E-07
441	458752.68, 3756411.16	0.84515	0.32407	2.68E-03	1.24E-07	2.68E-03	6.6E-07	2.0E-06	2.6E-08	2.9E-07	3.1E-07
442	458752.68, 3756441.16	0.68295	0.28205	2.17E-03	1.08E-07	2.17E-03	5.4E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
443	458752.68, 3756471.16	0.56	0.24807	1.78E-03	9.48E-08	1.78E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
444	458752.68, 3756501.16	0.46592	0.22021	1.48E-03	8.41E-08	1.48E-03	3.7E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
445	458752.68, 3756531.16	0.39222	0.19715	1.25E-03	7.53E-08	1.25E-03	3.1E-07	9.3E-07	1.2E-08	1.3E-07	1.5E-07
446	458782.68, 3756291.16	3.10257	0.87556	9.86E-03	3.35E-07	9.86E-03	2.4E-06	7.4E-06	9.6E-08	1.1E-06	1.2E-06

447	458782.68, 3756321.16	2.22279	0.68127	7.06E-03	2.60E-07	7.06E-03	1.7E-06	5.3E-06	6.9E-08	7.6E-07	8.3E-07
448	458782.68, 3756351.16	1.62798	0.54082	5.17E-03	2.07E-07	5.17E-03	1.3E-06	3.9E-06	5.0E-08	5.6E-07	6.1E-07
449	458782.68, 3756381.16	1.22401	0.44127	3.89E-03	1.69E-07	3.89E-03	9.6E-07	2.9E-06	3.8E-08	4.2E-07	4.6E-07
450	458782.68, 3756411.16	0.94368	0.36879	3.00E-03	1.41E-07	3.00E-03	7.4E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
451	458782.68, 3756441.16	0.74459	0.31432	2.37E-03	1.20E-07	2.37E-03	5.8E-07	1.8E-06	2.3E-08	2.5E-07	2.8E-07
452	458782.68, 3756471.16	0.59987	0.27217	1.91E-03	1.04E-07	1.91E-03	4.7E-07	1.4E-06	1.9E-08	2.1E-07	2.2E-07
453	458782.68, 3756501.16	0.49217	0.23877	1.56E-03	9.12E-08	1.56E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
454	458782.68, 3756531.16	0.40991	0.21173	1.30E-03	8.09E-08	1.30E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
455	458812.68, 3756291.16	4.40815	1.35037	1.40E-02	5.16E-07	1.40E-02	3.5E-06	1.0E-05	1.4E-07	1.5E-06	1.6E-06
456	458812.68, 3756321.16	2.81649	0.90282	8.95E-03	3.45E-07	8.95E-03	2.2E-06	6.7E-06	8.7E-08	9.6E-07	1.0E-06
457	458812.68, 3756351.16	1.92458	0.66077	6.11E-03	2.52E-07	6.11E-03	1.5E-06	4.6E-06	5.9E-08	6.6E-07	7.2E-07
458	458812.68, 3756381.16	1.38333	0.51447	4.39E-03	1.97E-07	4.39E-03	1.1E-06	3.3E-06	4.3E-08	4.7E-07	5.2E-07
459	458812.68, 3756411.16	1.03431	0.41741	3.29E-03	1.59E-07	3.29E-03	8.1E-07	2.5E-06	3.2E-08	3.5E-07	3.9E-07
460	458812.68, 3756441.16	0.79884	0.34854	2.54E-03	1.33E-07	2.54E-03	6.3E-07	1.9E-06	2.5E-08	2.7E-07	3.0E-07
461	458812.68, 3756471.16	0.63359	0.29733	2.01E-03	1.14E-07	2.01E-03	5.0E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
462	458812.68, 3756501.16	0.5137	0.25788	1.63E-03	9.85E-08	1.63E-03	4.0E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
463	458812.68, 3756531.16	0.42411	0.22663	1.35E-03	8.66E-08	1.35E-03	3.3E-07	1.0E-06	1.3E-08	1.4E-07	1.6E-07
464	458842.68, 3756291.16	5.97923	2.11157	1.90E-02	8.07E-07	1.90E-02	4.7E-06	1.4E-05	1.8E-07	2.0E-06	2.2E-06
465	458842.68, 3756321.16	3.41747	1.1754	1.09E-02	4.49E-07	1.09E-02	2.7E-06	8.1E-06	1.1E-07	1.2E-06	1.3E-06
466	458842.68, 3756351.16	2.19444	0.79446	6.97E-03	3.04E-07	6.97E-03	1.7E-06	5.2E-06	6.8E-08	7.5E-07	8.2E-07
467	458842.68, 3756381.16	1.51685	0.59251	4.82E-03	2.26E-07	4.82E-03	1.2E-06	3.6E-06	4.7E-08	5.2E-07	5.7E-07
468	458842.68, 3756411.16	1.10513	0.46784	3.51E-03	1.79E-07	3.51E-03	8.7E-07	2.6E-06	3.4E-08	3.8E-07	4.1E-07
469	458842.68, 3756441.16	0.84009	0.38361	2.67E-03	1.47E-07	2.67E-03	6.6E-07	2.0E-06	2.6E-08	2.9E-07	3.1E-07
470	458842.68, 3756471.16	0.65676	0.32276	2.09E-03	1.23E-07	2.09E-03	5.2E-07	1.6E-06	2.0E-08	2.2E-07	2.4E-07
471	458842.68, 3756501.16	0.52748	0.27704	1.68E-03	1.06E-07	1.68E-03	4.1E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
472	458842.68, 3756531.16	0.43278	0.24147	1.37E-03	9.23E-08	1.37E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
473	458872.68, 3756291.16	7.24801	2.87897	2.30E-02	1.10E-06	2.30E-02	5.7E-06	1.7E-05	2.2E-07	2.5E-06	2.7E-06
474	458872.68, 3756321.16	3.86413	1.44705	1.23E-02	5.53E-07	1.23E-02	3.0E-06	9.2E-06	1.2E-07	1.3E-06	1.4E-06
475	458872.68, 3756351.16	2.3806	0.92745	7.56E-03	3.54E-07	7.56E-03	1.9E-06	5.6E-06	7.3E-08	8.1E-07	8.9E-07
476	458872.68, 3756381.16	1.60131	0.66941	5.09E-03	2.56E-07	5.09E-03	1.3E-06	3.8E-06	4.9E-08	5.5E-07	6.0E-07
477	458872.68, 3756411.16	1.14664	0.51749	3.64E-03	1.98E-07	3.64E-03	9.0E-07	2.7E-06	3.5E-08	3.9E-07	4.3E-07
478	458872.68, 3756441.16	0.86278	0.41817	2.74E-03	1.60E-07	2.74E-03	6.8E-07	2.0E-06	2.7E-08	2.9E-07	3.2E-07
479	458872.68, 3756471.16	0.66714	0.34755	2.12E-03	1.33E-07	2.12E-03	5.2E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
480	458872.68, 3756501.16	0.534	0.29581	1.70E-03	1.13E-07	1.70E-03	4.2E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
481	458872.68, 3756531.16	0.43744	0.25613	1.39E-03	9.79E-08	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
482	458902.68, 3756291.16	7.79327	3.44355	2.48E-02	1.32E-06	2.48E-02	6.1E-06	1.8E-05	2.4E-07	2.7E-06	2.9E-06
483	458902.68, 3756321.16	4.02533	1.67555	1.28E-02	6.40E-07	1.28E-02	3.2E-06	9.5E-06	1.2E-07	1.4E-06	1.5E-06
484	458902.68, 3756351.16	2.43189	1.0456	7.73E-03	4.00E-07	7.73E-03	1.9E-06	5.8E-06	7.5E-08	8.3E-07	9.1E-07
485	458902.68, 3756381.16	1.62094	0.74065	5.15E-03	2.83E-07	5.15E-03	1.3E-06	3.8E-06	5.0E-08	5.5E-07	6.0E-07
486	458902.68, 3756411.16	1.15617	0.56474	3.67E-03	2.16E-07	3.67E-03	9.1E-07	2.7E-06	3.6E-08	4.0E-07	4.3E-07
487	458902.68, 3756441.16	0.86529	0.45116	2.75E-03	1.72E-07	2.75E-03	6.8E-07	2.1E-06	2.7E-08	3.0E-07	3.2E-07
488	458902.68, 3756471.16	0.67033	0.37201	2.13E-03	1.42E-07	2.13E-03	5.3E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
489	458902.68, 3756501.16	0.53512	0.31424	1.70E-03	1.20E-07	1.70E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
490	458902.68, 3756531.16	0.43735	0.27037	1.39E-03	1.03E-07	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
491	458932.68, 3756291.16	7.53575	3.8518	2.39E-02	1.47E-06	2.39E-02	5.9E-06	1.8E-05	2.3E-07	2.6E-06	2.8E-06
492	458932.68, 3756321.16	3.90799	1.86565	1.24E-02	7.13E-07	1.24E-02	3.1E-06	9.3E-06	1.2E-07	1.3E-06	1.5E-06
493	458932.68, 3756351.16	2.36934	1.15014	7.53E-03	4.39E-07	7.53E-03	1.9E-06	5.6E-06	7.3E-08	8.1E-07	8.8E-07
494	458932.68, 3756381.16	1.58404	0.80515	5.03E-03	3.08E-07	5.03E-03	1.2E-06	3.8E-06	4.9E-08	5.4E-07	5.9E-07
495	458932.68, 3756411.16	1.1331	0.60804	3.60E-03	2.32E-07	3.60E-03	8.9E-07	2.7E-06	3.5E-08	3.9E-07	4.2E-07
496	458932.68, 3756441.16	0.85019	0.48188	2.70E-03	1.84E-07	2.70E-03	6.7E-07	2.0E-06	2.6E-08	2.9E-07	3.2E-07
497	458932.68, 3756471.16	0.66142	0.39498	2.10E-03	1.51E-07	2.10E-03	5.2E-07	1.6E-06	2.0E-08	2.3E-07	2.5E-07
498	458932.68, 3756501.16	0.52819	0.33163	1.68E-03	1.27E-07	1.68E-03	4.1E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
499	458932.68, 3756531.16	0.43168	0.28383	1.37E-03	1.08E-07	1.37E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
500	458962.68, 3756291.16	6.60455	4.14797	2.10E-02	1.58E-06	2.10E-02	5.2E-06	1.6E-05	2.0E-07	2.3E-06	2.5E-06
501	458962.68, 3756321.16	3.56815	2.01831	1.13E-02	7.71E-07	1.13E-02	2.8E-06	8.5E-06	1.1E-07	1.2E-06	1.3E-06
502	458962.68, 3756351.16	2.2184	1.23956	7.05E-03	4.74E-07	7.05E-03	1.7E-06	5.3E-06	6.8E-08	7.6E-07	8.3E-07
503	458962.68, 3756381.16	1.50332	0.86163	4.78E-03	3.29E-07	4.78E-03	1.2E-06	3.6E-06	4.6E-08	5.1E-07	5.6E-07
504	458962.68, 3756411.16	1.08417	0.64624	3.44E-03	2.47E-07	3.44E-03	8.5E-07	2.6E-06	3.3E-08	3.7E-07	4.0E-07
505	458962.68, 3756441.16	0.82017	0.50976	2.61E-03	1.95E-07	2.61E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.1E-07
506	458962.68, 3756471.16	0.64168	0.41593	2.04E-03	1.59E-07	2.04E-03	5.0E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
507	458962.68, 3756501.16	0.51474	0.34775	1.64E-03	1.33E-07	1.64E-03	4.0E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
508	458962.68, 3756531.16	0.4221	0.29649	1.34E-03	1.13E-07	1.34E-03	3.3E-07	1.0E-06	1.3E-08	1.4E-07	1.6E-07
509	458992.68, 3756291.16	5.4758	4.36452	1.74E-02	1.67E-06	1.74E-02	4.3E-06	1.3E-05	1.7E-07	1.9E-06	2.0E-06
510	458992.68, 3756321.16	3.15657	2.14607	1.00E-02	8.20E-07	1.00E-02	2.5E-06	7.5E-06	9.7E-08	1.1E-06	1.2E-06
511	458992.68, 3756351.16	2.02983	1.31755	6.45E-03	5.03E-07	6.45E-03	1.6E-06	4.8E-06	6.3E-08	6.9E-07	7.6E-07
512	458992.68, 3756381.16	1.40568	0.91391	4.47E-03	3.49E-07	4.47E-03	1.1E-06	3.3E-06	4.3E-08	4.8E-07	5.2E-07
513	458992.68, 3756411.16	1.02511	0.6817	3.26E-03	2.60E-07	3.26E-03	8.1E-07	2.4E-06	3.2E-08	3.5E-07	3.8E-07
514	458992.68, 3756441.16	0.78113	0.53491	2.48E-03	2.04E-07	2.48E-03	6.1E-07	1.9E-06	2.4E-08	2.7E-07	2.9E-07
515	458992.68, 3756471.16	0.61653	0.43528	1.96E-03	1.66E-07	1.96E-03	4.8E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
516	458992.68, 3756501.16	0.49827	0.36303	1.58E-03	1.39E-07	1.58E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.9E-07
517	458992.68, 3756531.16	0.4102	0.30847	1.30E-03	1.18E-07	1.30E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
518	459022.68, 3756291.16	4.42912	4.50913	1.41E-02	1.72E-06	1.41E-02	3.5E-06	1.1E-05	1.4E-07	1.5E-06	1.7E-06
519	459022.68, 3756321.16	2.73653	2.24471	8.69E-03	8.58E-07	8.69E-03	2.1E-06	6.5E-06	8.4E-08	9.4E-07	1.0E-06
520	459022.68, 3756351.16	1.83137	1.38504	5.82E-03	5.29E-07	5.82E-03	1.4E-06	4.3E-06	5.7E-08	6.3E-07	6.8E-07
521	459022.68, 3756381.16	1.30132	0.96156	4.13E-03	3.67E-07	4.13E-03	1.0E-06	3.1E-06	4.0E-08	4.4E-07	4.8E-07
522	459022.68, 3756411.16	0.96454	0.71598	3.06E-03	2.74E-07	3.06E-03	7.6E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07

523	459022.68, 3756441.16	0.74188	0.55962	2.36E-03	2.14E-07	2.36E-03	5.8E-07	1.8E-06	2.3E-08	2.5E-07	2.8E-07
524	459022.68, 3756471.16	0.58973	0.45378	1.87E-03	1.73E-07	1.87E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
525	459022.68, 3756501.16	0.47986	0.37749	1.52E-03	1.44E-07	1.52E-03	3.8E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
526	459022.68, 3756531.16	0.39709	0.3199	1.26E-03	1.22E-07	1.26E-03	3.1E-07	9.4E-07	1.2E-08	1.4E-07	1.5E-07
527	459052.68, 3756291.16	3.55849	4.60641	1.13E-02	1.76E-06	1.13E-02	2.8E-06	8.4E-06	1.1E-07	1.2E-06	1.3E-06
528	459052.68, 3756321.16	2.34004	2.31553	7.43E-03	8.85E-07	7.43E-03	1.8E-06	5.6E-06	7.2E-08	8.0E-07	8.7E-07
529	459052.68, 3756351.16	1.6321	1.44001	5.18E-03	5.50E-07	5.19E-03	1.3E-06	3.9E-06	5.0E-08	5.6E-07	6.1E-07
530	459052.68, 3756381.16	1.19116	1.002	3.78E-03	3.83E-07	3.78E-03	9.4E-07	2.8E-06	3.7E-08	4.1E-07	4.4E-07
531	459052.68, 3756411.16	0.90039	0.74668	2.86E-03	2.85E-07	2.86E-03	7.1E-07	2.1E-06	2.8E-08	3.1E-07	3.4E-07
532	459052.68, 3756441.16	0.70186	0.5831	2.23E-03	2.23E-07	2.23E-03	5.5E-07	1.7E-06	2.2E-08	2.4E-07	2.6E-07
533	459052.68, 3756471.16	0.56186	0.4713	1.78E-03	1.80E-07	1.79E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
534	459052.68, 3756501.16	0.46	0.391	1.46E-03	1.49E-07	1.46E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
535	459052.68, 3756531.16	0.37719	0.33054	1.20E-03	1.26E-07	1.20E-03	3.0E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
536	459082.68, 3756291.16	2.86155	4.65073	9.09E-03	1.78E-06	9.09E-03	2.2E-06	6.8E-06	8.8E-08	9.8E-07	1.1E-06
537	459082.68, 3756321.16	1.98093	2.35262	6.29E-03	8.99E-07	6.29E-03	1.6E-06	4.7E-06	6.1E-08	6.8E-07	7.4E-07
538	459082.68, 3756351.16	1.42869	1.47199	4.54E-03	5.62E-07	4.54E-03	1.1E-06	3.4E-06	4.4E-08	4.9E-07	5.3E-07
539	459082.68, 3756381.16	1.07693	1.03339	3.42E-03	3.95E-07	3.42E-03	8.5E-07	2.6E-06	3.3E-08	3.7E-07	4.0E-07
540	459082.68, 3756411.16	0.83362	0.77314	2.65E-03	2.95E-07	2.65E-03	6.5E-07	2.0E-06	2.6E-08	2.8E-07	3.1E-07
541	459082.68, 3756441.16	0.65957	0.60397	2.10E-03	2.31E-07	2.10E-03	5.2E-07	1.6E-06	2.0E-08	2.3E-07	2.5E-07
542	459082.68, 3756471.16	0.53297	0.48739	1.69E-03	1.86E-07	1.69E-03	4.2E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
543	459082.68, 3756501.16	0.43647	0.40363	1.39E-03	1.54E-07	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
544	459082.68, 3756531.16	0.35543	0.33995	1.13E-03	1.30E-07	1.13E-03	2.8E-07	8.4E-07	1.1E-08	1.2E-07	1.3E-07
545	459112.68, 3756291.16	2.30241	4.64109	7.31E-03	1.77E-06	7.32E-03	1.8E-06	5.5E-06	7.1E-08	7.9E-07	8.6E-07
546	459112.68, 3756321.16	1.62876	2.35548	5.17E-03	9.00E-07	5.17E-03	1.3E-06	3.9E-06	5.0E-08	5.6E-07	6.1E-07
547	459112.68, 3756351.16	1.17965	1.47088	3.75E-03	5.62E-07	3.75E-03	9.3E-07	2.8E-06	3.6E-08	4.0E-07	4.4E-07
548	459112.68, 3756381.16	0.95578	1.05379	3.04E-03	4.03E-07	3.04E-03	7.5E-07	2.3E-06	2.9E-08	3.3E-07	3.6E-07
549	459112.68, 3756411.16	0.76631	0.79561	2.43E-03	3.04E-07	2.43E-03	6.0E-07	1.8E-06	2.4E-08	2.6E-07	2.9E-07
550	459112.68, 3756441.16	0.61587	0.62208	1.96E-03	2.38E-07	1.96E-03	4.8E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
551	459112.68, 3756471.16	0.49873	0.5014	1.58E-03	1.92E-07	1.58E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.9E-07
552	459112.68, 3756501.16	0.40997	0.41448	1.30E-03	1.58E-07	1.30E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
553	459112.68, 3756531.16	0.32698	0.34804	1.04E-03	1.33E-07	1.04E-03	2.6E-07	7.8E-07	1.0E-08	1.1E-07	1.2E-07
554	459142.68, 3756291.16	1.89093	4.71853	6.01E-03	1.80E-06	6.01E-03	1.5E-06	4.5E-06	5.8E-08	6.5E-07	7.0E-07
555	459142.68, 3756321.16	1.38112	2.38918	4.39E-03	9.13E-07	4.39E-03	1.1E-06	3.3E-06	4.3E-08	4.7E-07	5.1E-07
556	459142.68, 3756351.16	1.02832	1.47709	3.27E-03	5.64E-07	3.27E-03	8.1E-07	2.4E-06	3.2E-08	3.5E-07	3.8E-07
557	459142.68, 3756381.16	0.81178	1.05895	2.58E-03	4.05E-07	2.58E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
558	459142.68, 3756411.16	0.67814	0.80872	2.15E-03	3.09E-07	2.15E-03	5.3E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
559	459142.68, 3756441.16	0.56331	0.63608	1.79E-03	2.43E-07	1.79E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
560	459142.68, 3756471.16	0.45808	0.51263	1.46E-03	1.96E-07	1.46E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
561	459142.68, 3756501.16	0.37729	0.42363	1.20E-03	1.62E-07	1.20E-03	3.0E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
562	459142.68, 3756531.16	0.3025	0.35444	9.61E-04	1.35E-07	9.61E-04	2.4E-07	7.2E-07	9.3E-09	1.0E-07	1.1E-07
563	459172.68, 3756291.16	1.57292	4.77719	5.00E-03	1.83E-06	5.00E-03	1.2E-06	3.7E-06	4.9E-08	5.4E-07	5.9E-07
564	459172.68, 3756321.16	1.18949	2.4122	3.78E-03	9.22E-07	3.78E-03	9.3E-07	2.8E-06	3.7E-08	4.1E-07	4.4E-07
565	459172.68, 3756351.16	0.90855	1.5012	2.89E-03	5.74E-07	2.89E-03	7.1E-07	2.2E-06	2.8E-08	3.1E-07	3.4E-07
566	459172.68, 3756381.16	0.72076	1.06152	2.29E-03	4.06E-07	2.29E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
567	459172.68, 3756411.16	0.5952	0.81514	1.89E-03	3.11E-07	1.89E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
568	459172.68, 3756441.16	0.50154	0.64636	1.59E-03	2.47E-07	1.59E-03	3.9E-07	1.2E-06	1.5E-08	1.7E-07	1.9E-07
569	459172.68, 3756471.16	0.41603	0.52239	1.32E-03	2.00E-07	1.32E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
570	459172.68, 3756501.16	0.3464	0.43134	1.10E-03	1.65E-07	1.10E-03	2.7E-07	8.2E-07	1.1E-08	1.2E-07	1.3E-07
571	459172.68, 3756531.16	0.28819	0.35978	9.15E-04	1.37E-07	9.16E-04	2.3E-07	6.8E-07	8.9E-09	9.9E-08	1.1E-07
572	459202.68, 3756291.16	1.33894	4.87932	4.25E-03	1.86E-06	4.26E-03	1.1E-06	3.2E-06	4.1E-08	4.6E-07	5.0E-07
573	459202.68, 3756321.16	1.03416	2.44521	3.29E-03	9.34E-07	3.29E-03	8.1E-07	2.5E-06	3.2E-08	3.5E-07	3.9E-07
574	459202.68, 3756351.16	0.8103	1.53338	2.57E-03	5.86E-07	2.57E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
575	459202.68, 3756381.16	0.65026	1.0806	2.07E-03	4.13E-07	2.07E-03	5.1E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
576	459202.68, 3756411.16	0.54122	0.82489	1.72E-03	3.15E-07	1.72E-03	4.3E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
577	459202.68, 3756441.16	0.45709	0.65541	1.45E-03	2.50E-07	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
578	459202.68, 3756471.16	0.38618	0.53125	1.23E-03	2.03E-07	1.23E-03	3.0E-07	9.2E-07	1.2E-08	1.3E-07	1.4E-07
579	459202.68, 3756501.16	0.32629	0.43784	1.04E-03	1.67E-07	1.04E-03	2.6E-07	7.7E-07	1.0E-08	1.1E-07	1.2E-07
580	459202.68, 3756531.16	0.27648	0.36651	8.78E-04	1.40E-07	8.78E-04	2.2E-07	6.6E-07	8.5E-09	9.5E-08	1.0E-07
581	459232.68, 3756291.16	1.15097	4.98616	3.66E-03	1.91E-06	3.66E-03	9.0E-07	2.7E-06	3.6E-08	3.9E-07	4.3E-07
582	459232.68, 3756321.16	0.91395	2.51587	2.90E-03	9.61E-07	2.90E-03	7.2E-07	2.2E-06	2.8E-08	3.1E-07	3.4E-07
583	459232.68, 3756351.16	0.72797	1.57288	2.31E-03	6.01E-07	2.31E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
584	459232.68, 3756381.16	0.58743	1.09787	1.87E-03	4.19E-07	1.87E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
585	459232.68, 3756411.16	0.48958	0.82956	1.56E-03	3.17E-07	1.56E-03	3.8E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
586	459232.68, 3756441.16	0.41872	0.66034	1.33E-03	2.52E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
587	459232.68, 3756471.16	0.36006	0.53789	1.14E-03	2.06E-07	1.14E-03	2.8E-07	8.5E-07	1.1E-08	1.2E-07	1.3E-07
588	459232.68, 3756501.16	0.30879	0.4448	9.81E-04	1.70E-07	9.81E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.2E-07
589	459232.68, 3756531.16	0.26473	0.37308	8.41E-04	1.43E-07	8.41E-04	2.1E-07	6.3E-07	8.2E-09	9.0E-08	9.9E-08
590	459262.68, 3756291.16	0.98996	5.05882	3.14E-03	1.93E-06	3.15E-03	7.8E-07	2.3E-06	3.1E-08	3.4E-07	3.7E-07
591	459262.68, 3756321.16	0.81261	2.589	2.58E-03	9.89E-07	2.58E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
592	459262.68, 3756351.16	0.65498	1.60549	2.08E-03	6.13E-07	2.08E-03	5.1E-07	1.6E-06	2.0E-08	2.2E-07	2.4E-07
593	459262.68, 3756381.16	0.52955	1.10612	1.68E-03	4.23E-07	1.68E-03	4.2E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
594	459262.68, 3756411.16	0.44205	0.82326	1.40E-03	3.15E-07	1.40E-03	3.5E-07	1.0E-06	1.4E-08	1.5E-07	1.6E-07
595	459262.68, 3756441.16	0.38235	0.66293	1.21E-03	2.53E-07	1.21E-03	3.0E-07	9.1E-07	1.2E-08	1.3E-07	1.4E-07
596	459262.68, 3756471.16	0.33399	0.54295	1.06E-03	2.07E-07	1.06E-03	2.6E-07	7.9E-07	1.0E-08	1.1E-07	1.2E-07
597	459262.68, 3756501.16	0.29029	0.45009	9.22E-04	1.72E-07	9.22E-04	2.3E-07	6.9E-07	9.0E-09	9.9E-08	1.1E-07
598	459262.68, 3756531.16	0.25164	0.3772	7.99E-04	1.44E-07	8.00E-04	2.0E-07	6.0E-07	7.8E-09	8.6E-08	9.4E-08

599	459292.68, 3756291.16	0.86539	5.14547	2.75E-03	1.97E-06	2.75E-03	6.8E-07	2.1E-06	2.7E-08	3.0E-07	3.2E-07
600	459292.68, 3756321.16	0.72359	2.6408	2.30E-03	1.01E-06	2.30E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
601	459292.68, 3756351.16	0.59471	1.64569	1.89E-03	6.29E-07	1.89E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
602	459292.68, 3756381.16	0.48694	1.13758	1.55E-03	4.35E-07	1.55E-03	3.8E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
603	459292.68, 3756411.16	0.40737	0.84048	1.29E-03	3.21E-07	1.29E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
604	459292.68, 3756441.16	0.35119	0.66662	1.12E-03	2.55E-07	1.12E-03	2.8E-07	8.3E-07	1.1E-08	1.2E-07	1.3E-07
605	459292.68, 3756471.16	0.30881	0.54624	9.81E-04	2.09E-07	9.81E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.2E-07
606	459292.68, 3756501.16	0.27183	0.45373	8.64E-04	1.73E-07	8.64E-04	2.1E-07	6.4E-07	8.4E-09	9.3E-08	1.0E-07
607	459292.68, 3756531.16	0.23794	0.38054	7.56E-04	1.45E-07	7.56E-04	1.9E-07	5.6E-07	7.3E-09	8.1E-08	8.9E-08
608	459322.68, 3756291.16	0.76256	5.19715	2.42E-03	1.99E-06	2.42E-03	6.0E-07	1.8E-06	2.4E-08	2.6E-07	2.8E-07
609	459322.68, 3756321.16	0.64623	2.67463	2.05E-03	1.02E-06	2.05E-03	5.1E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
610	459322.68, 3756351.16	0.53973	1.67481	1.71E-03	6.40E-07	1.72E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
611	459322.68, 3756381.16	0.44937	1.16444	1.43E-03	4.45E-07	1.43E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
612	459322.68, 3756411.16	0.37791	0.86415	1.20E-03	3.30E-07	1.20E-03	3.0E-07	9.0E-07	1.2E-08	1.3E-07	1.4E-07
613	459322.68, 3756441.16	0.32418	0.6696	1.03E-03	2.56E-07	1.03E-03	2.5E-07	7.7E-07	1.0E-08	1.1E-07	1.2E-07
614	459322.68, 3756471.16	0.28587	0.54899	9.08E-04	2.10E-07	9.08E-04	2.2E-07	6.8E-07	8.8E-09	9.8E-08	1.1E-07
615	459322.68, 3756501.16	0.25386	0.45618	8.06E-04	1.74E-07	8.07E-04	2.0E-07	6.0E-07	7.8E-09	8.7E-08	9.5E-08
616	459322.68, 3756531.16	0.22383	0.38206	7.11E-04	1.46E-07	7.11E-04	1.8E-07	5.3E-07	6.9E-09	7.7E-08	8.3E-08
617	459352.68, 3756291.16	0.67007	5.21655	2.13E-03	1.99E-06	2.13E-03	5.3E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
618	459352.68, 3756321.16	0.57716	2.68921	1.83E-03	1.03E-06	1.83E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
619	459352.68, 3756351.16	0.48676	1.68447	1.55E-03	6.44E-07	1.55E-03	3.8E-07	1.2E-06	1.5E-08	1.7E-07	1.8E-07
620	459352.68, 3756381.16	0.40831	1.16936	1.30E-03	4.47E-07	1.30E-03	3.2E-07	9.7E-07	1.3E-08	1.4E-07	1.5E-07
621	459352.68, 3756411.16	0.34657	0.86436	1.10E-03	3.30E-07	1.10E-03	2.7E-07	8.2E-07	1.1E-08	1.2E-07	1.3E-07
622	459352.68, 3756441.16	0.29983	0.67457	9.52E-04	2.58E-07	9.53E-04	2.4E-07	7.1E-07	9.3E-09	1.0E-07	1.1E-07
623	459352.68, 3756471.16	0.26543	0.54867	8.43E-04	2.10E-07	8.43E-04	2.1E-07	6.3E-07	8.2E-09	9.1E-08	9.9E-08
624	459352.68, 3756501.16	0.23657	0.45688	7.51E-04	1.75E-07	7.52E-04	1.9E-07	5.6E-07	7.3E-09	8.1E-08	8.8E-08
625	459352.68, 3756531.16	0.20997	0.37926	6.67E-04	1.45E-07	6.67E-04	1.6E-07	5.0E-07	6.5E-09	7.2E-08	7.8E-08
626	459382.68, 3756291.16	0.59311	5.23063	1.88E-03	2.00E-06	1.89E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
627	459382.68, 3756321.16	0.5172	2.69997	1.64E-03	1.03E-06	1.64E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
628	459382.68, 3756351.16	0.44252	1.69886	1.41E-03	6.49E-07	1.41E-03	3.5E-07	1.0E-06	1.4E-08	1.5E-07	1.6E-07
629	459382.68, 3756381.16	0.37569	1.183	1.19E-03	4.52E-07	1.19E-03	3.0E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
630	459382.68, 3756411.16	0.32076	0.87399	1.02E-03	3.34E-07	1.02E-03	2.5E-07	7.6E-07	9.9E-09	1.1E-07	1.2E-07
631	459382.68, 3756441.16	0.27889	0.68062	8.86E-04	2.60E-07	8.86E-04	2.2E-07	6.6E-07	8.6E-09	9.5E-08	1.0E-07
632	459382.68, 3756471.16	0.24695	0.55094	7.84E-04	2.11E-07	7.85E-04	1.9E-07	5.9E-07	7.6E-09	8.4E-08	9.2E-08
633	459382.68, 3756501.16	0.22014	0.45423	6.99E-04	1.74E-07	6.99E-04	1.7E-07	5.2E-07	6.8E-09	7.5E-08	8.2E-08
634	459382.68, 3756531.16	0.1966	0.37732	6.25E-04	1.44E-07	6.25E-04	1.5E-07	4.7E-07	6.1E-09	6.7E-08	7.3E-08
635	458633.73, 3756194.08	1.05042	0.30706	3.34E-03	1.17E-07	3.34E-03	8.3E-07	2.5E-06	3.2E-08	3.6E-07	3.9E-07
636	458633.73, 3756224.08	0.97634	0.29211	3.10E-03	1.12E-07	3.10E-03	7.7E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
637	458663.73, 3756164.08	1.43371	0.38379	4.55E-03	1.47E-07	4.55E-03	1.1E-06	3.4E-06	4.4E-08	4.9E-07	5.3E-07
638	458663.73, 3756194.08	1.35648	0.37175	4.31E-03	1.42E-07	4.31E-03	1.1E-06	3.2E-06	4.2E-08	4.6E-07	5.1E-07
639	458663.73, 3756224.08	1.2518	0.35288	3.98E-03	1.35E-07	3.98E-03	9.8E-07	3.0E-06	3.9E-08	4.3E-07	4.7E-07
640	458693.73, 3756164.08	1.91002	0.47209	6.07E-03	1.80E-07	6.07E-03	1.5E-06	4.5E-06	5.9E-08	6.5E-07	7.1E-07
641	458693.73, 3756194.08	1.81953	0.46386	5.78E-03	1.77E-07	5.78E-03	1.4E-06	4.3E-06	5.6E-08	6.2E-07	6.8E-07
642	458693.73, 3756224.08	1.66627	0.44072	5.29E-03	1.68E-07	5.29E-03	1.3E-06	4.0E-06	5.1E-08	5.7E-07	6.2E-07
643	458723.73, 3756194.08	2.56626	0.60174	8.15E-03	2.30E-07	8.15E-03	2.0E-06	6.1E-06	7.9E-08	8.8E-07	9.6E-07
644	458723.73, 3756224.08	2.33489	0.57715	7.42E-03	2.21E-07	7.42E-03	1.8E-06	5.5E-06	7.2E-08	8.0E-07	8.7E-07
645	458753.73, 3756224.08	3.53161	0.81321	1.12E-02	3.11E-07	1.12E-02	2.8E-06	8.4E-06	1.1E-07	1.2E-06	1.3E-06
646	458783.73, 3756224.08	6.06904	1.29738	1.93E-02	4.96E-07	1.93E-02	4.8E-06	1.4E-05	1.9E-07	2.1E-06	2.3E-06

Construction Risk (Mitigated)

Mitigated	
On-Site	Off-Site Haul
5.98E-04	3.82E-07

#	X, Y	Concentration [ug/m^3] Unmitigated On-Site	Off-Site Haul	Unmitigated On-Site	Off-Site Haul	Total	Unmitigated Residential Dose 3rd	0<2	Risk by Age Group 3rd	0<2	Total Risk
1	458909.21, 3756133.18	11.66714	1.41145	6.98E-03	5.39E-07	6.98E-03	1.7E-06	5.2E-06	6.8E-08	7.5E-07	8.2E-07
2	458909.21, 3756163.18	32.9016	2.08882	1.97E-02	7.98E-07	1.97E-02	4.9E-06	1.5E-05	1.9E-07	2.1E-06	2.3E-06
3	458939.21, 3756103.18	4.83326	1.10802	2.89E-03	4.23E-07	2.89E-03	7.2E-07	2.2E-06	2.8E-08	3.1E-07	3.4E-07
4	458939.21, 3756133.18	9.96088	1.49471	5.96E-03	5.71E-07	5.96E-03	1.5E-06	4.5E-06	5.8E-08	6.4E-07	7.0E-07
5	458939.21, 3756163.18	29.45999	2.24218	1.76E-02	8.57E-07	1.76E-02	4.4E-06	1.3E-05	1.7E-07	1.9E-06	2.1E-06
6	458969.21, 3756043.18	1.63749	0.73691	9.80E-04	2.82E-07	9.80E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.1E-07
7	458969.21, 3756073.18	2.42499	0.90425	1.45E-03	3.46E-07	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
8	458969.21, 3756103.18	4.01359	1.15434	2.40E-03	4.41E-07	2.40E-03	5.9E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
9	458969.21, 3756133.18	7.91165	1.57012	4.73E-03	6.00E-07	4.74E-03	1.2E-06	3.5E-06	4.6E-08	5.1E-07	5.6E-07
10	458969.21, 3756163.18	19.75911	2.37375	1.18E-02	9.07E-07	1.18E-02	2.9E-06	8.8E-06	1.1E-07	1.3E-06	1.4E-06
11	458969.21, 3756193.18	45.91282	4.33464	2.75E-02	1.66E-06	2.75E-02	6.8E-06	2.1E-05	2.7E-07	3.0E-06	3.2E-06
12	458969.21, 3756223.18	44.99318	11.70092	2.69E-02	4.47E-06	2.69E-02	6.7E-06	2.0E-05	2.6E-07	2.9E-06	3.2E-06
13	458999.21, 3756013.18	1.05503	0.63277	6.31E-04	2.42E-07	6.32E-04	1.6E-07	4.7E-07	6.1E-09	6.8E-08	7.4E-08
14	458999.21, 3756043.18	1.44605	0.75759	8.65E-04	2.89E-07	8.66E-04	2.1E-07	6.5E-07	8.4E-09	9.3E-08	1.0E-07
15	458999.21, 3756073.18	2.12941	0.9333	1.27E-03	3.57E-07	1.27E-03	3.2E-07	9.5E-07	1.2E-08	1.4E-07	1.5E-07
16	458999.21, 3756103.18	3.48533	1.19819	2.09E-03	4.58E-07	2.09E-03	5.2E-07	1.6E-06	2.0E-08	2.2E-07	2.4E-07
17	458999.21, 3756133.18	6.51719	1.63924	3.90E-03	6.26E-07	3.90E-03	9.6E-07	2.9E-06	3.8E-08	4.2E-07	4.6E-07
18	458999.21, 3756163.18	13.13953	2.48502	7.86E-03	9.50E-07	7.86E-03	1.9E-06	5.9E-06	7.6E-08	8.5E-07	9.2E-07
19	458999.21, 3756193.18	21.58385	4.49431	1.29E-02	1.72E-06	1.29E-02	3.2E-06	9.6E-06	1.3E-07	1.4E-06	1.5E-06
20	458999.21, 3756223.18	21.01826	11.86252	1.26E-02	4.53E-06	1.26E-02	3.1E-06	9.4E-06	1.2E-07	1.4E-06	1.5E-06
21	459029.21, 3755953.18	0.58675	0.47444	3.51E-04	1.81E-07	3.51E-04	8.7E-08	2.6E-07	3.4E-09	3.8E-08	4.1E-08
22	459029.21, 3755983.18	0.73644	0.54933	4.41E-04	2.10E-07	4.41E-04	1.1E-07	3.3E-07	4.3E-09	4.7E-08	5.2E-08
23	459029.21, 3756013.18	0.95841	0.64609	5.74E-04	2.47E-07	5.74E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.7E-08
24	459029.21, 3756043.18	1.31262	0.77597	7.86E-04	2.96E-07	7.86E-04	1.9E-07	5.9E-07	7.6E-09	8.5E-08	9.2E-08
25	459029.21, 3756073.18	1.92549	0.9595	1.15E-03	3.67E-07	1.15E-03	2.9E-07	8.6E-07	1.1E-08	1.2E-07	1.4E-07
26	459029.21, 3756103.18	3.07178	1.23715	1.84E-03	4.73E-07	1.84E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
27	459029.21, 3756133.18	5.32451	1.6997	3.19E-03	6.49E-07	3.19E-03	7.9E-07	2.4E-06	3.1E-08	3.4E-07	3.7E-07
28	459029.21, 3756163.18	9.00203	2.57772	5.39E-03	9.85E-07	5.39E-03	1.3E-06	4.0E-06	5.2E-08	5.8E-07	6.3E-07
29	459029.21, 3756193.18	12.35867	4.61102	7.40E-03	1.76E-06	7.40E-03	1.8E-06	5.5E-06	7.2E-08	8.0E-07	8.7E-07
30	459029.21, 3756223.18	11.98632	11.89594	7.17E-03	4.55E-06	7.18E-03	1.8E-06	5.4E-06	7.0E-08	7.7E-07	8.4E-07
31	459059.21, 3755923.18	0.44585	0.41942	2.67E-04	1.60E-07	2.67E-04	6.6E-08	2.0E-07	2.6E-09	2.9E-08	3.1E-08
32	459059.21, 3755953.18	0.54324	0.48065	3.25E-04	1.84E-07	3.25E-04	8.0E-08	2.4E-07	3.2E-09	3.5E-08	3.8E-08
33	459059.21, 3755983.18	0.68109	0.55757	4.08E-04	2.13E-07	4.08E-04	1.0E-07	3.0E-07	4.0E-09	4.4E-08	4.8E-08
34	459059.21, 3756013.18	0.88802	0.65703	5.31E-04	2.51E-07	5.32E-04	1.3E-07	4.0E-07	5.2E-09	5.7E-08	6.2E-08
35	459059.21, 3756043.18	1.2187	0.79177	7.29E-04	3.03E-07	7.30E-04	1.8E-07	5.4E-07	7.1E-09	7.8E-08	8.6E-08
36	459059.21, 3756073.18	1.77306	0.98283	1.06E-03	3.76E-07	1.06E-03	2.6E-07	7.9E-07	1.0E-08	1.1E-07	1.2E-07
37	459059.21, 3756103.18	2.73123	1.2719	1.63E-03	4.86E-07	1.64E-03	4.0E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
38	459059.21, 3756133.18	4.32855	1.75123	2.59E-03	6.69E-07	2.59E-03	6.4E-07	1.9E-06	2.5E-08	2.8E-07	3.0E-07
39	459059.21, 3756163.18	6.42979	2.65196	3.85E-03	1.01E-06	3.85E-03	9.5E-07	2.9E-06	3.7E-08	4.1E-07	4.5E-07
40	459059.21, 3756193.18	7.98158	4.70186	4.78E-03	1.80E-06	4.78E-03	1.2E-06	3.6E-06	4.6E-08	5.1E-07	5.6E-07
41	459059.21, 3756223.18	7.69279	11.92385	4.60E-03	4.56E-06	4.61E-03	1.1E-06	3.4E-06	4.5E-08	5.0E-07	5.4E-07
42	459089.21, 3755863.18	0.29972	0.33039	1.79E-04	1.26E-07	1.80E-04	4.4E-08	1.3E-07	1.7E-09	1.9E-08	2.1E-08
43	459089.21, 3755893.18	0.35055	0.37243	2.10E-04	1.42E-07	2.10E-04	5.2E-08	1.6E-07	2.0E-09	2.3E-08	2.5E-08
44	459089.21, 3755923.18	0.41724	0.42316	2.50E-04	1.62E-07	2.50E-04	6.2E-08	1.9E-07	2.4E-09	2.7E-08	2.9E-08
45	459089.21, 3755953.18	0.50814	0.4858	3.04E-04	1.86E-07	3.04E-04	7.5E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
46	459089.21, 3755983.18	0.63807	0.56468	3.82E-04	2.16E-07	3.82E-04	9.4E-08	2.9E-07	3.7E-09	4.1E-08	4.5E-08
47	459089.21, 3756013.18	0.83348	0.66752	4.99E-04	2.55E-07	4.99E-04	1.2E-07	3.7E-07	4.8E-09	5.4E-08	5.9E-08
48	459089.21, 3756043.18	1.1408	0.80659	6.83E-04	3.08E-07	6.83E-04	1.7E-07	5.1E-07	6.6E-09	7.3E-08	8.0E-08
49	459089.21, 3756073.18	1.63495	1.00402	9.78E-04	3.84E-07	9.79E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.1E-07
50	459089.21, 3756103.18	2.42378	1.30233	1.45E-03	4.98E-07	1.45E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
51	459089.21, 3756133.18	3.53689	1.79498	2.12E-03	6.86E-07	2.12E-03	5.2E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
52	459089.21, 3756163.18	4.77275	2.70925	2.86E-03	1.04E-06	2.86E-03	7.1E-07	2.1E-06	2.8E-08	3.1E-07	3.4E-07
53	459089.21, 3756193.18	5.56203	4.77111	3.33E-03	1.82E-06	3.33E-03	8.2E-07	2.5E-06	3.2E-08	3.6E-07	3.9E-07
54	459089.21, 3756223.18	5.34361	11.87339	3.20E-03	4.54E-06	3.20E-03	7.9E-07	2.4E-06	3.1E-08	3.4E-07	3.8E-07
55	459119.21, 3755833.18	0.24593	0.29558	1.47E-04	1.13E-07	1.47E-04	3.6E-08	1.1E-07	1.4E-09	1.6E-08	1.7E-08
56	459119.21, 3755863.18	0.28306	0.33155	1.69E-04	1.27E-07	1.70E-04	4.2E-08	1.3E-07	1.6E-09	1.8E-08	2.0E-08
57	459119.21, 3755893.18	0.33057	0.3744	1.98E-04	1.43E-07	1.98E-04	4.9E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
58	459119.21, 3755923.18	0.39333	0.42631	2.35E-04	1.63E-07	2.36E-04	5.8E-08	1.8E-07	2.3E-09	2.5E-08	2.8E-08
59	459119.21, 3755953.18	0.47952	0.49042	2.87E-04	1.87E-07	2.87E-04	7.1E-08	2.1E-07	2.8E-09	3.1E-08	3.4E-08
60	459119.21, 3755983.18	0.60354	0.57121	3.61E-04	2.18E-07	3.61E-04	8.9E-08	2.7E-07	3.5E-09	3.9E-08	4.2E-08
61	459119.21, 3756013.18	0.78717	0.67714	4.71E-04	2.59E-07	4.71E-04	1.2E-07	3.5E-07	4.6E-09	5.1E-08	5.5E-08
62	459119.21, 3756043.18	1.06758	0.82026	6.39E-04	3.13E-07	6.39E-04	1.6E-07	4.8E-07	6.2E-09	6.9E-08	7.5E-08
63	459119.21, 3756073.18	1.50018	1.02292	8.98E-04	3.91E-07	8.98E-04	2.2E-07	6.7E-07	8.7E-09	9.7E-08	1.1E-07
64	459119.21, 3756103.18	2.12029	1.32911	1.27E-03	5.08E-07	1.27E-03	3.1E-07	9.5E-07	1.2E-08	1.4E-07	1.5E-07
65	459119.21, 3756133.18	2.8968	1.83167	1.73E-03	7.00E-07	1.73E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
66	459119.21, 3756163.18	3.65986	2.7559	2.19E-03	1.05E-06	2.19E-03	5.4E-07	1.6E-06	2.1E-08	2.4E-07	2.6E-07

67	459119.21, 3756193.18	4.08722	4.82552	2.45E-03	1.84E-06	2.45E-03	6.1E-07	1.8E-06	2.4E-08	2.6E-07	2.9E-07
68	459119.21, 3756223.18	3.92153	11.84582	2.35E-03	4.53E-06	2.35E-03	5.8E-07	1.8E-06	2.3E-08	2.5E-07	2.8E-07
69	459149.21, 3755773.18	0.1829	0.23822	1.09E-04	9.10E-08	1.10E-04	2.7E-08	8.2E-08	1.1E-09	1.2E-08	1.3E-08
70	459149.21, 3755803.18	0.20565	0.26459	1.23E-04	1.01E-07	1.23E-04	3.0E-08	9.2E-08	1.2E-09	1.3E-08	1.4E-08
71	459149.21, 3755833.18	0.23354	0.29549	1.40E-04	1.13E-07	1.40E-04	3.5E-08	1.0E-07	1.4E-09	1.5E-08	1.6E-08
72	459149.21, 3755863.18	0.26838	0.3321	1.61E-04	1.27E-07	1.61E-04	4.0E-08	1.2E-07	1.6E-09	1.7E-08	1.9E-08
73	459149.21, 3755893.18	0.31324	0.37577	1.87E-04	1.44E-07	1.88E-04	4.6E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
74	459149.21, 3755923.18	0.37292	0.42874	2.23E-04	1.64E-07	2.23E-04	5.5E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
75	459149.21, 3755953.18	0.45569	0.49409	2.73E-04	1.89E-07	2.73E-04	6.7E-08	2.0E-07	2.7E-09	2.9E-08	3.2E-08
76	459149.21, 3755983.18	0.57466	0.57666	3.44E-04	2.20E-07	3.44E-04	8.5E-08	2.6E-07	3.3E-09	3.7E-08	4.0E-08
77	459149.21, 3756013.18	0.74849	0.68469	4.48E-04	2.62E-07	4.48E-04	1.1E-07	3.3E-07	4.4E-09	4.8E-08	5.3E-08
78	459149.21, 3756043.18	1.00308	0.8314	6.00E-04	3.18E-07	6.01E-04	1.5E-07	4.5E-07	5.8E-09	6.5E-08	7.0E-08
79	459149.21, 3756073.18	1.36608	1.03968	8.18E-04	3.97E-07	8.18E-04	2.0E-07	6.1E-07	7.9E-09	8.8E-08	9.6E-08
80	459149.21, 3756103.18	1.84465	1.35338	1.10E-03	5.17E-07	1.10E-03	2.7E-07	8.2E-07	1.1E-08	1.2E-07	1.3E-07
81	459149.21, 3756133.18	2.39206	1.86468	1.43E-03	7.12E-07	1.43E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
82	459149.21, 3756163.18	2.88282	2.79264	1.73E-03	1.07E-06	1.73E-03	4.3E-07	1.3E-06	1.7E-08	1.9E-07	2.0E-07
83	459149.21, 3756193.18	3.12641	4.85907	1.87E-03	1.86E-06	1.87E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
84	459149.21, 3756223.18	2.99832	11.82713	1.79E-03	4.52E-06	1.80E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
85	459179.21, 3755773.18	0.17471	0.23701	1.05E-04	9.06E-08	1.05E-04	2.6E-08	7.8E-08	1.0E-09	1.1E-08	1.2E-08
86	459179.21, 3755803.18	0.19617	0.26357	1.17E-04	1.01E-07	1.18E-04	2.9E-08	8.8E-08	1.1E-09	1.3E-08	1.4E-08
87	459179.21, 3755833.18	0.22261	0.29463	1.33E-04	1.13E-07	1.33E-04	3.3E-08	1.0E-07	1.3E-09	1.4E-08	1.6E-08
88	459179.21, 3755863.18	0.25588	0.33161	1.53E-04	1.27E-07	1.53E-04	3.8E-08	1.1E-07	1.5E-09	1.6E-08	1.8E-08
89	459179.21, 3755893.18	0.29897	0.37595	1.79E-04	1.44E-07	1.79E-04	4.4E-08	1.3E-07	1.7E-09	1.9E-08	2.1E-08
90	459179.21, 3755923.18	0.35667	0.42979	2.13E-04	1.64E-07	2.14E-04	5.3E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08
91	459179.21, 3755953.18	0.43633	0.49648	2.61E-04	1.90E-07	2.61E-04	6.5E-08	2.0E-07	2.5E-09	2.8E-08	3.1E-08
92	459179.21, 3755983.18	0.54915	0.58103	3.29E-04	2.22E-07	3.29E-04	8.1E-08	2.5E-07	3.2E-09	3.5E-08	3.9E-08
93	459179.21, 3756013.18	0.70984	0.6916	4.25E-04	2.64E-07	4.25E-04	1.1E-07	3.2E-07	4.1E-09	4.6E-08	5.0E-08
94	459179.21, 3756043.18	0.93301	0.84219	5.58E-04	3.22E-07	5.59E-04	1.4E-07	4.2E-07	5.4E-09	6.0E-08	6.6E-08
95	459179.21, 3756073.18	1.23113	1.05597	7.37E-04	4.03E-07	7.37E-04	1.8E-07	5.5E-07	7.2E-09	7.9E-08	8.6E-08
96	459179.21, 3756103.18	1.60308	1.37513	9.59E-04	5.25E-07	9.60E-04	2.4E-07	7.2E-07	9.3E-09	1.0E-07	1.1E-07
97	459179.21, 3756133.18	1.99528	1.89259	1.19E-03	7.23E-07	1.19E-03	3.0E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
98	459179.21, 3756163.18	2.31957	2.82902	1.39E-03	1.08E-06	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
99	459179.21, 3756193.18	2.46607	4.87953	1.48E-03	1.86E-06	1.48E-03	3.7E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
100	459179.21, 3756223.18	2.3645	11.83967	1.42E-03	4.52E-06	1.42E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
101	459209.21, 3755803.18	0.18761	0.26208	1.12E-04	1.00E-07	1.12E-04	2.8E-08	8.4E-08	1.1E-09	1.2E-08	1.3E-08
102	459209.21, 3755833.18	0.21295	0.29342	1.27E-04	1.12E-07	1.28E-04	3.2E-08	9.5E-08	1.2E-09	1.4E-08	1.5E-08
103	459209.21, 3755863.18	0.24493	0.33078	1.47E-04	1.26E-07	1.47E-04	3.6E-08	1.1E-07	1.4E-09	1.6E-08	1.7E-08
104	459209.21, 3755893.18	0.28565	0.37601	1.71E-04	1.44E-07	1.71E-04	4.2E-08	1.3E-07	1.7E-09	1.8E-08	2.0E-08
105	459209.21, 3755923.18	0.34047	0.43089	2.04E-04	1.65E-07	2.04E-04	5.0E-08	1.5E-07	2.0E-09	2.2E-08	2.4E-08
106	459209.21, 3755953.18	0.41652	0.49884	2.49E-04	1.91E-07	2.49E-04	6.2E-08	1.9E-07	2.4E-09	2.7E-08	2.9E-08
107	459209.21, 3755983.18	0.52158	0.58533	3.12E-04	2.24E-07	3.12E-04	7.7E-08	2.3E-07	3.0E-09	3.4E-08	3.7E-08
108	459209.21, 3756013.18	0.66697	0.69848	3.99E-04	2.67E-07	3.99E-04	9.9E-08	3.0E-07	3.9E-09	4.3E-08	4.7E-08
109	459209.21, 3756043.18	0.86249	0.85188	5.16E-04	3.25E-07	5.17E-04	1.3E-07	3.9E-07	5.0E-09	5.6E-08	6.1E-08
110	459209.21, 3756073.18	1.10677	1.06983	6.62E-04	4.09E-07	6.63E-04	1.6E-07	4.9E-07	6.4E-09	7.1E-08	7.8E-08
111	459209.21, 3756103.18	1.39293	1.39479	8.34E-04	5.33E-07	8.34E-04	2.1E-07	6.2E-07	8.1E-09	9.0E-08	9.8E-08
112	459209.21, 3756133.18	1.67945	1.91713	1.01E-03	7.33E-07	1.01E-03	2.5E-07	7.5E-07	9.8E-09	1.1E-07	1.2E-07
113	459209.21, 3756163.18	1.89713	2.86173	1.14E-03	1.09E-06	1.14E-03	2.8E-07	8.5E-07	1.1E-08	1.2E-07	1.3E-07
114	459209.21, 3756193.18	1.98391	4.9337	1.19E-03	1.89E-06	1.19E-03	2.9E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
115	459209.21, 3756223.18	1.90737	11.92259	1.14E-03	4.56E-06	1.15E-03	2.8E-07	8.6E-07	1.1E-08	1.2E-07	1.3E-07
116	459239.21, 3755803.18	0.1799	0.26007	1.08E-04	9.94E-08	1.08E-04	2.7E-08	8.0E-08	1.0E-09	1.2E-08	1.3E-08
117	459239.21, 3755833.18	0.2041	0.29178	1.22E-04	1.11E-07	1.22E-04	3.0E-08	9.1E-08	1.2E-09	1.3E-08	1.4E-08
118	459239.21, 3755863.18	0.23507	0.32944	1.41E-04	1.26E-07	1.41E-04	3.5E-08	1.1E-07	1.4E-09	1.5E-08	1.7E-08
119	459239.21, 3755893.18	0.2741	0.3752	1.64E-04	1.43E-07	1.64E-04	4.1E-08	1.2E-07	1.6E-09	1.8E-08	1.9E-08
120	459239.21, 3755923.18	0.32518	0.43117	1.95E-04	1.65E-07	1.95E-04	4.8E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
121	459239.21, 3755953.18	0.39614	0.50049	2.37E-04	1.91E-07	2.37E-04	5.9E-08	1.8E-07	2.3E-09	2.6E-08	2.8E-08
122	459239.21, 3755983.18	0.49358	0.58861	2.95E-04	2.25E-07	2.96E-04	7.3E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
123	459239.21, 3756013.18	0.62418	0.704	3.74E-04	2.69E-07	3.74E-04	9.2E-08	2.8E-07	3.6E-09	4.0E-08	4.4E-08
124	459239.21, 3756043.18	0.79305	0.86029	4.75E-04	3.29E-07	4.75E-04	1.2E-07	3.5E-07	4.6E-09	5.1E-08	5.6E-08
125	459239.21, 3756073.18	0.99434	1.0814	5.95E-04	4.13E-07	5.96E-04	1.5E-07	4.4E-07	5.8E-09	6.4E-08	7.0E-08
126	459239.21, 3756103.18	1.21479	1.41043	7.27E-04	5.39E-07	7.28E-04	1.8E-07	5.4E-07	7.1E-09	7.8E-08	8.5E-08
127	459239.21, 3756133.18	1.42514	1.93738	8.53E-04	7.40E-07	8.54E-04	2.1E-07	6.4E-07	8.3E-09	9.2E-08	1.0E-07
128	459239.21, 3756163.18	1.57453	2.88202	9.42E-04	1.10E-06	9.43E-04	2.3E-07	7.0E-07	9.2E-09	1.0E-07	1.1E-07
129	459239.21, 3756193.18	1.6226	4.93651	9.71E-04	1.89E-06	9.73E-04	2.4E-07	7.3E-07	9.5E-09	1.0E-07	1.1E-07
130	459239.21, 3756223.18	1.56814	11.84339	9.38E-04	4.53E-06	9.43E-04	2.3E-07	7.0E-07	9.2E-09	1.0E-07	1.1E-07
131	459269.21, 3755833.18	0.1961	0.28951	1.17E-04	1.11E-07	1.17E-04	2.9E-08	8.8E-08	1.1E-09	1.3E-08	1.4E-08
132	459269.21, 3755863.18	0.22591	0.32754	1.35E-04	1.25E-07	1.35E-04	3.3E-08	1.0E-07	1.3E-09	1.5E-08	1.6E-08
133	459269.21, 3755893.18	0.26454	0.3735	1.58E-04	1.43E-07	1.58E-04	3.9E-08	1.2E-07	1.5E-09	1.7E-08	1.9E-08
134	459269.21, 3755923.18	0.31448	0.43007	1.88E-04	1.64E-07	1.88E-04	4.7E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
135	459269.21, 3755953.18	0.38151	0.50049	2.28E-04	1.91E-07	2.29E-04	5.7E-08	1.7E-07	2.2E-09	2.5E-08	2.7E-08
136	459269.21, 3755983.18	0.47095	0.59017	2.82E-04	2.26E-07	2.82E-04	7.0E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
137	459269.21, 3756013.18	0.58582	0.70775	3.51E-04	2.70E-07	3.51E-04	8.7E-08	2.6E-07	3.4E-09	3.8E-08	4.1E-08
138	459269.21, 3756043.18	0.72741	0.86689	4.35E-04	3.31E-07	4.36E-04	1.1E-07	3.3E-07	4.2E-09	4.7E-08	5.1E-08
139	459269.21, 3756073.18	0.89174	1.09075	5.34E-04	4.17E-07	5.34E-04	1.3E-07	4.0E-07	5.2E-09	5.7E-08	6.3E-08
140	459269.21, 3756103.18	1.06105	1.42139	6.35E-04	5.43E-07	6.36E-04	1.6E-07	4.7E-07	6.2E-09	6.8E-08	7.5E-08
141	459269.21, 3756133.18	1.20486	1.94499	7.21E-04	7.43E-07	7.22E-04	1.8E-07	5.4E-07	7.0E-09	7.8E-08	8.5E-08
142	459269.21, 3756163.18	1.30441	2.87796	7.81E-04	1.10E-06	7.82E-04	1.9E-07	5.8E-07	7.6E-09	8.4E-08	9.2E-08

143	459269.21, 3756193.18	1.33768	4.92091	8.01E-04	1.88E-06	8.02E-04	2.0E-07	6.0E-07	7.8E-09	8.6E-08	9.4E-08
144	459269.21, 3756223.18	1.30317	11.85249	7.80E-04	4.53E-06	7.84E-04	1.9E-07	5.9E-07	7.6E-09	8.4E-08	9.2E-08
145	459299.21, 3755863.18	0.21796	0.32491	1.30E-04	1.24E-07	1.31E-04	3.2E-08	9.7E-08	1.3E-09	1.4E-08	1.5E-08
146	459299.21, 3755893.18	0.25557	0.37119	1.53E-04	1.42E-07	1.53E-04	3.8E-08	1.1E-07	1.5E-09	1.6E-08	1.8E-08
147	459299.21, 3755923.18	0.30404	0.42822	1.82E-04	1.64E-07	1.82E-04	4.5E-08	1.4E-07	1.8E-09	2.0E-08	2.1E-08
148	459299.21, 3755953.18	0.36604	0.49976	2.19E-04	1.91E-07	2.19E-04	5.4E-08	1.6E-07	2.1E-09	2.4E-08	2.6E-08
149	459299.21, 3755983.18	0.44695	0.59089	2.67E-04	2.26E-07	2.68E-04	6.6E-08	2.0E-07	2.6E-09	2.9E-08	3.1E-08
150	459299.21, 3756013.18	0.54887	0.7102	3.28E-04	2.71E-07	3.29E-04	8.1E-08	2.5E-07	3.2E-09	3.5E-08	3.9E-08
151	459299.21, 3756043.18	0.6647	0.87116	3.98E-04	3.33E-07	3.98E-04	9.8E-08	3.0E-07	3.9E-09	4.3E-08	4.7E-08
152	459299.21, 3756073.18	0.78165	1.09403	4.68E-04	4.18E-07	4.68E-04	1.2E-07	3.5E-07	4.5E-09	5.0E-08	5.5E-08
153	459299.21, 3756103.18	0.91219	1.42355	5.46E-04	5.44E-07	5.46E-04	1.4E-07	4.1E-07	5.3E-09	5.9E-08	6.4E-08
154	459299.21, 3756133.18	1.0256	1.93712	6.14E-04	7.40E-07	6.15E-04	1.5E-07	4.6E-07	6.0E-09	6.6E-08	7.2E-08
155	459299.21, 3756163.18	1.10036	2.84652	6.59E-04	1.09E-06	6.60E-04	1.6E-07	4.9E-07	6.4E-09	7.1E-08	7.7E-08
156	459299.21, 3756193.18	1.12618	4.86632	6.74E-04	1.86E-06	6.76E-04	1.7E-07	5.0E-07	6.6E-09	7.3E-08	7.9E-08
157	459299.21, 3756223.18	1.09474	11.80747	6.55E-04	4.51E-06	6.60E-04	1.6E-07	4.9E-07	6.4E-09	7.1E-08	7.7E-08
158	459329.21, 3755863.18	0.21164	0.3214	1.27E-04	1.23E-07	1.27E-04	3.1E-08	9.5E-08	1.2E-09	1.4E-08	1.5E-08
159	459329.21, 3755893.18	0.24722	0.36815	1.48E-04	1.41E-07	1.48E-04	3.7E-08	1.1E-07	1.4E-09	1.6E-08	1.7E-08
160	459329.21, 3755923.18	0.29281	0.4258	1.75E-04	1.63E-07	1.75E-04	4.3E-08	1.3E-07	1.7E-09	1.9E-08	2.1E-08
161	459329.21, 3755953.18	0.35069	0.49809	2.10E-04	1.90E-07	2.10E-04	5.2E-08	1.6E-07	2.0E-09	2.3E-08	2.5E-08
162	459329.21, 3755983.18	0.42069	0.59043	2.52E-04	2.26E-07	2.52E-04	6.2E-08	1.9E-07	2.4E-09	2.7E-08	3.0E-08
163	459329.21, 3756013.18	0.50068	0.71029	3.00E-04	2.71E-07	3.00E-04	7.4E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
164	459329.21, 3756043.18	0.59659	0.87207	3.57E-04	3.33E-07	3.57E-04	8.8E-08	2.7E-07	3.5E-09	3.8E-08	4.2E-08
165	459329.21, 3756073.18	0.69856	1.09396	4.18E-04	4.18E-07	4.18E-04	1.0E-07	3.1E-07	4.1E-09	4.5E-08	4.9E-08
166	459329.21, 3756103.18	0.80281	1.41958	4.80E-04	5.42E-07	4.81E-04	1.2E-07	3.6E-07	4.7E-09	5.2E-08	5.6E-08
167	459329.21, 3756133.18	0.8897	1.93144	5.32E-04	7.38E-07	5.33E-04	1.3E-07	4.0E-07	5.2E-09	5.7E-08	6.3E-08
168	459329.21, 3756163.18	0.94294	2.82569	5.64E-04	1.08E-06	5.65E-04	1.4E-07	4.2E-07	5.5E-09	6.1E-08	6.6E-08
169	459329.21, 3756193.18	0.96002	4.80782	5.75E-04	1.84E-06	5.76E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.8E-08
170	459329.21, 3756223.18	0.93672	11.71141	5.61E-04	4.47E-06	5.65E-04	1.4E-07	4.2E-07	5.5E-09	6.1E-08	6.6E-08
171	459359.21, 3755893.18	0.23919	0.36438	1.43E-04	1.39E-07	1.43E-04	3.5E-08	1.1E-07	1.4E-09	1.5E-08	1.7E-08
172	459359.21, 3755923.18	0.2821	0.42243	1.69E-04	1.61E-07	1.69E-04	4.2E-08	1.3E-07	1.6E-09	1.8E-08	2.0E-08
173	459359.21, 3755953.18	0.33602	0.49529	2.01E-04	1.89E-07	2.01E-04	5.0E-08	1.5E-07	2.0E-09	2.2E-08	2.4E-08
174	459359.21, 3755983.18	0.38691	0.58758	2.32E-04	2.25E-07	2.32E-04	5.7E-08	1.7E-07	2.3E-09	2.5E-08	2.7E-08
175	459359.21, 3756013.18	0.45434	0.70587	2.72E-04	2.70E-07	2.72E-04	6.7E-08	2.0E-07	2.6E-09	2.9E-08	3.2E-08
176	459359.21, 3756043.18	0.54072	0.86766	3.24E-04	3.32E-07	3.24E-04	8.0E-08	2.4E-07	3.1E-09	3.5E-08	3.8E-08
177	459359.21, 3756073.18	0.62993	1.09289	3.77E-04	4.18E-07	3.77E-04	9.3E-08	2.8E-07	3.7E-09	4.1E-08	4.4E-08
178	459359.21, 3756103.18	0.71141	1.41656	4.26E-04	5.41E-07	4.26E-04	1.1E-07	3.2E-07	4.1E-09	4.6E-08	5.0E-08
179	459359.21, 3756133.18	0.77838	1.92284	4.66E-04	7.35E-07	4.67E-04	1.2E-07	3.5E-07	4.5E-09	5.0E-08	5.5E-08
180	459359.21, 3756163.18	0.81688	2.80015	4.89E-04	1.07E-06	4.90E-04	1.2E-07	3.7E-07	4.8E-09	5.3E-08	5.7E-08
181	459359.21, 3756193.18	0.82668	4.7371	4.95E-04	1.81E-06	4.97E-04	1.2E-07	3.7E-07	4.8E-09	5.3E-08	5.8E-08
182	459359.21, 3756223.18	0.80938	11.60742	4.84E-04	4.44E-06	4.89E-04	1.2E-07	3.6E-07	4.7E-09	5.3E-08	5.7E-08
183	459389.21, 3755923.18	0.27248	0.41792	1.63E-04	1.60E-07	1.63E-04	4.0E-08	1.2E-07	1.6E-09	1.8E-08	1.9E-08
184	459389.21, 3755953.18	0.32082	0.49131	1.92E-04	1.88E-07	1.92E-04	4.8E-08	1.4E-07	1.9E-09	2.1E-08	2.3E-08
185	459389.21, 3755983.18	0.36433	0.58412	2.18E-04	2.23E-07	2.18E-04	5.4E-08	1.6E-07	2.1E-09	2.3E-08	2.6E-08
186	459389.21, 3756013.18	0.42339	0.70158	2.53E-04	2.68E-07	2.54E-04	6.3E-08	1.9E-07	2.5E-09	2.7E-08	3.0E-08
187	459389.21, 3756043.18	0.49423	0.86212	2.96E-04	3.29E-07	2.96E-04	7.3E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
188	459389.21, 3756073.18	0.56876	1.08871	3.40E-04	4.16E-07	3.41E-04	8.4E-08	2.5E-07	3.3E-09	3.7E-08	4.0E-08
189	459389.21, 3756103.18	0.63415	1.4074	3.80E-04	5.38E-07	3.80E-04	9.4E-08	2.8E-07	3.7E-09	4.1E-08	4.5E-08
190	459389.21, 3756133.18	0.68425	1.89951	4.10E-04	7.26E-07	4.10E-04	1.0E-07	3.1E-07	4.0E-09	4.4E-08	4.8E-08
191	459389.21, 3756163.18	0.71235	2.75315	4.26E-04	1.05E-06	4.27E-04	1.1E-07	3.2E-07	4.2E-09	4.6E-08	5.0E-08
192	459389.21, 3756193.18	0.71927	4.66618	4.30E-04	1.78E-06	4.32E-04	1.1E-07	3.2E-07	4.2E-09	4.7E-08	5.1E-08
193	459389.21, 3756223.18	0.7058	11.50589	4.22E-04	4.40E-06	4.27E-04	1.1E-07	3.2E-07	4.1E-09	4.6E-08	5.0E-08
194	458472.27, 3755792.92	0.30714	0.14897	1.84E-04	5.69E-08	1.84E-04	4.5E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
195	458472.27, 3755822.92	0.33183	0.15407	1.99E-04	5.89E-08	1.99E-04	4.9E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
196	458472.27, 3755852.92	0.35713	0.15891	2.14E-04	6.07E-08	2.14E-04	5.3E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08
197	458472.27, 3755882.92	0.38253	0.16347	2.29E-04	6.25E-08	2.29E-04	5.7E-08	1.7E-07	2.2E-09	2.5E-08	2.7E-08
198	458472.27, 3755912.92	0.40641	0.16729	2.43E-04	6.39E-08	2.43E-04	6.0E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
199	458472.27, 3755942.92	0.4276	0.17026	2.56E-04	6.51E-08	2.56E-04	6.3E-08	1.9E-07	2.5E-09	2.8E-08	3.0E-08
200	458472.27, 3755972.92	0.44504	0.17234	2.66E-04	6.59E-08	2.66E-04	6.6E-08	2.0E-07	2.6E-09	2.9E-08	3.1E-08
201	458472.27, 3756002.92	0.45672	0.17313	2.73E-04	6.62E-08	2.73E-04	6.8E-08	2.0E-07	2.7E-09	2.9E-08	3.2E-08
202	458502.27, 3755792.92	0.32255	0.15637	1.93E-04	5.97E-08	1.93E-04	4.8E-08	1.4E-07	1.9E-09	2.1E-08	2.3E-08
203	458502.27, 3755822.92	0.35165	0.16259	2.10E-04	6.21E-08	2.11E-04	5.2E-08	1.6E-07	2.0E-09	2.3E-08	2.5E-08
204	458502.27, 3755852.92	0.38192	0.16853	2.29E-04	6.44E-08	2.29E-04	5.7E-08	1.7E-07	2.2E-09	2.5E-08	2.7E-08
205	458502.27, 3755882.92	0.41318	0.1743	2.47E-04	6.66E-08	2.47E-04	6.1E-08	1.8E-07	2.4E-09	2.7E-08	2.9E-08
206	458502.27, 3755912.92	0.44416	0.1796	2.66E-04	6.86E-08	2.66E-04	6.6E-08	2.0E-07	2.6E-09	2.9E-08	3.1E-08
207	458502.27, 3755942.92	0.47276	0.18398	2.83E-04	7.03E-08	2.83E-04	7.0E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
208	458502.27, 3755972.92	0.49754	0.18736	2.98E-04	7.16E-08	2.98E-04	7.4E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
209	458502.27, 3756002.92	0.51666	0.18955	3.09E-04	7.24E-08	3.09E-04	7.6E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
210	458502.27, 3756032.92	0.52757	0.19006	3.16E-04	7.26E-08	3.16E-04	7.8E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
211	458532.27, 3755792.92	0.33745	0.1639	2.02E-04	6.26E-08	2.02E-04	5.0E-08	1.5E-07	2.0E-09	2.2E-08	2.4E-08
212	458532.27, 3755822.92	0.37123	0.17132	2.22E-04	6.55E-08	2.22E-04	5.5E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
213	458532.27, 3755852.92	0.40736	0.17865	2.44E-04	6.83E-08	2.44E-04	6.0E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
214	458532.27, 3755882.92	0.44517	0.18572	2.66E-04	7.10E-08	2.66E-04	6.6E-08	2.0E-07	2.6E-09	2.9E-08	3.1E-08
215	458532.27, 3755912.92	0.4843	0.19264	2.90E-04	7.36E-08	2.90E-04	7.2E-08	2.2E-07	2.8E-09	3.1E-08	3.4E-08
216	458532.27, 3755942.92	0.52246	0.19887	3.13E-04	7.60E-08	3.13E-04	7.7E-08	2.3E-07	3.0E-09	3.4E-08	3.7E-08
217	458532.27, 3755972.92	0.55711	0.20402	3.33E-04	7.80E-08	3.33E-04	8.2E-08	2.5E-07	3.2E-09	3.6E-08	3.9E-08
218	458532.27, 3756002.92	0.58626	0.208	3.51E-04	7.95E-08	3.51E-04	8.7E-08	2.6E-07	3.4E-09	3.8E-08	4.1E-08

219	458532.27, 3756032.92	0.60651	0.21025	3.63E-04	8.03E-08	3.63E-04	9.0E-08	2.7E-07	3.5E-09	3.9E-08	4.3E-08
220	458562.27, 3755792.92	0.35175	0.17163	2.11E-04	6.56E-08	2.11E-04	5.2E-08	1.6E-07	2.0E-09	2.3E-08	2.5E-08
221	458562.27, 3755822.92	0.39018	0.18021	2.34E-04	6.89E-08	2.34E-04	5.8E-08	1.7E-07	2.3E-09	2.5E-08	2.7E-08
222	458562.27, 3755852.92	0.43267	0.18906	2.59E-04	7.22E-08	2.59E-04	6.4E-08	1.9E-07	2.5E-09	2.8E-08	3.0E-08
223	458562.27, 3755882.92	0.47828	0.19779	2.86E-04	7.56E-08	2.86E-04	7.1E-08	2.1E-07	2.8E-09	3.1E-08	3.4E-08
224	458562.27, 3755912.92	0.52654	0.20642	3.15E-04	7.89E-08	3.15E-04	7.8E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
225	458562.27, 3755942.92	0.57637	0.21486	3.45E-04	8.21E-08	3.45E-04	8.5E-08	2.6E-07	3.4E-09	3.7E-08	4.0E-08
226	458562.27, 3755972.92	0.62432	0.22242	3.74E-04	8.50E-08	3.74E-04	9.2E-08	2.8E-07	3.6E-09	4.0E-08	4.4E-08
227	458562.27, 3756002.92	0.66683	0.22864	3.99E-04	8.74E-08	3.99E-04	9.9E-08	3.0E-07	3.9E-09	4.3E-08	4.7E-08
228	458562.27, 3756032.92	0.70052	0.23328	4.19E-04	8.91E-08	4.19E-04	1.0E-07	3.1E-07	4.1E-09	4.5E-08	4.9E-08
229	458562.27, 3756062.92	0.72046	0.23547	4.31E-04	9.00E-08	4.31E-04	1.1E-07	3.2E-07	4.2E-09	4.6E-08	5.1E-08
230	458592.27, 3755792.92	0.36504	0.17948	2.18E-04	6.86E-08	2.19E-04	5.4E-08	1.6E-07	2.1E-09	2.4E-08	2.6E-08
231	458592.27, 3755822.92	0.40826	0.18929	2.44E-04	7.23E-08	2.44E-04	6.0E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
232	458592.27, 3755852.92	0.45718	0.19966	2.74E-04	7.63E-08	2.74E-04	6.8E-08	2.0E-07	2.7E-09	2.9E-08	3.2E-08
233	458592.27, 3755882.92	0.51142	0.21026	3.06E-04	8.03E-08	3.06E-04	7.6E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
234	458592.27, 3755912.92	0.57063	0.22103	3.42E-04	8.45E-08	3.42E-04	8.4E-08	2.6E-07	3.3E-09	3.7E-08	4.0E-08
235	458592.27, 3755942.92	0.63396	0.23189	3.79E-04	8.86E-08	3.80E-04	9.4E-08	2.8E-07	3.7E-09	4.1E-08	4.5E-08
236	458592.27, 3755972.92	0.69871	0.24239	4.18E-04	9.26E-08	4.18E-04	1.0E-07	3.1E-07	4.1E-09	4.5E-08	4.9E-08
237	458592.27, 3756002.92	0.75994	0.25176	4.55E-04	9.62E-08	4.55E-04	1.1E-07	3.4E-07	4.4E-09	4.9E-08	5.3E-08
238	458592.27, 3756032.92	0.81254	0.25951	4.86E-04	9.92E-08	4.86E-04	1.2E-07	3.6E-07	4.7E-09	5.2E-08	5.7E-08
239	458592.27, 3756062.92	0.85038	0.26491	5.09E-04	1.01E-07	5.09E-04	1.3E-07	3.8E-07	4.9E-09	5.5E-08	6.0E-08
240	458622.27, 3755792.92	0.37685	0.18729	2.26E-04	7.16E-08	2.26E-04	5.6E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
241	458622.27, 3755822.92	0.42495	0.19848	2.54E-04	7.58E-08	2.54E-04	6.3E-08	1.9E-07	2.5E-09	2.7E-08	3.0E-08
242	458622.27, 3755852.92	0.48042	0.21042	2.88E-04	8.04E-08	2.88E-04	7.1E-08	2.1E-07	2.8E-09	3.1E-08	3.4E-08
243	458622.27, 3755882.92	0.5441	0.22316	3.26E-04	8.53E-08	3.26E-04	8.1E-08	2.4E-07	3.2E-09	3.5E-08	3.8E-08
244	458622.27, 3755912.92	0.61583	0.23643	3.69E-04	9.03E-08	3.69E-04	9.1E-08	2.8E-07	3.6E-09	4.0E-08	4.3E-08
245	458622.27, 3755942.92	0.69469	0.24998	4.16E-04	9.55E-08	4.16E-04	1.0E-07	3.1E-07	4.0E-09	4.5E-08	4.9E-08
246	458622.27, 3755972.92	0.77959	0.26382	4.67E-04	1.01E-07	4.67E-04	1.2E-07	3.5E-07	4.5E-09	5.0E-08	5.5E-08
247	458622.27, 3756002.92	0.86579	0.27724	5.18E-04	1.06E-07	5.18E-04	1.3E-07	3.9E-07	5.0E-09	5.6E-08	6.1E-08
248	458622.27, 3756032.92	0.94551	0.28926	5.66E-04	1.11E-07	5.66E-04	1.4E-07	4.2E-07	5.5E-09	6.1E-08	6.6E-08
249	458622.27, 3756062.92	1.01073	0.29917	6.05E-04	1.14E-07	6.05E-04	1.5E-07	4.5E-07	5.9E-09	6.5E-08	7.1E-08
250	458622.27, 3756092.92	1.05103	0.30554	6.29E-04	1.17E-07	6.29E-04	1.6E-07	4.7E-07	6.1E-09	6.8E-08	7.4E-08
251	458652.27, 3755792.92	0.38674	0.19494	2.31E-04	7.45E-08	2.32E-04	5.7E-08	1.7E-07	2.2E-09	2.5E-08	2.7E-08
252	458652.27, 3755822.92	0.43975	0.2077	2.63E-04	7.94E-08	2.63E-04	6.5E-08	2.0E-07	2.6E-09	2.8E-08	3.1E-08
253	458652.27, 3755852.92	0.50202	0.22145	3.00E-04	8.46E-08	3.01E-04	7.4E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
254	458652.27, 3755882.92	0.57522	0.23635	3.44E-04	9.03E-08	3.44E-04	8.5E-08	2.6E-07	3.3E-09	3.7E-08	4.0E-08
255	458652.27, 3755912.92	0.66033	0.2523	3.95E-04	9.64E-08	3.95E-04	9.8E-08	3.0E-07	3.8E-09	4.3E-08	4.6E-08
256	458652.27, 3755942.92	0.75735	0.26906	4.53E-04	1.03E-07	4.53E-04	1.1E-07	3.4E-07	4.4E-09	4.9E-08	5.3E-08
257	458652.27, 3755972.92	0.86601	0.28666	5.18E-04	1.10E-07	5.18E-04	1.3E-07	3.9E-07	5.0E-09	5.6E-08	6.1E-08
258	458652.27, 3756002.92	0.98363	0.30487	5.89E-04	1.16E-07	5.89E-04	1.5E-07	4.4E-07	5.7E-09	6.3E-08	6.9E-08
259	458652.27, 3756032.92	1.10219	0.32274	6.60E-04	1.23E-07	6.60E-04	1.6E-07	4.9E-07	6.4E-09	7.1E-08	7.7E-08
260	458652.27, 3756062.92	1.20926	0.33903	7.24E-04	1.30E-07	7.24E-04	1.8E-07	5.4E-07	7.0E-09	7.8E-08	8.5E-08
261	458652.27, 3756092.92	1.28969	0.35219	7.72E-04	1.35E-07	7.72E-04	1.9E-07	5.8E-07	7.5E-09	8.3E-08	9.1E-08
262	458652.27, 3756122.92	1.32708	0.35969	7.94E-04	1.37E-07	7.94E-04	2.0E-07	5.9E-07	7.7E-09	8.5E-08	9.3E-08
263	458682.27, 3755792.92	0.39465	0.20265	2.36E-04	7.74E-08	2.36E-04	5.8E-08	1.8E-07	2.3E-09	2.5E-08	2.8E-08
264	458682.27, 3755822.92	0.45222	0.21701	2.71E-04	8.29E-08	2.71E-04	6.7E-08	2.0E-07	2.6E-09	2.9E-08	3.2E-08
265	458682.27, 3755852.92	0.52097	0.23258	3.12E-04	8.89E-08	3.12E-04	7.7E-08	2.3E-07	3.0E-09	3.4E-08	3.7E-08
266	458682.27, 3755882.92	0.60332	0.2496	3.61E-04	9.54E-08	3.61E-04	8.9E-08	2.7E-07	3.5E-09	3.9E-08	4.2E-08
267	458682.27, 3755912.92	0.70243	0.26847	4.20E-04	1.03E-07	4.20E-04	1.0E-07	3.1E-07	4.1E-09	4.5E-08	4.9E-08
268	458682.27, 3755942.92	0.81951	0.28883	4.90E-04	1.10E-07	4.91E-04	1.2E-07	3.7E-07	4.8E-09	5.3E-08	5.8E-08
269	458682.27, 3755972.92	0.95661	0.31096	5.73E-04	1.19E-07	5.73E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.7E-08
270	458682.27, 3756002.92	1.11388	0.33498	6.67E-04	1.28E-07	6.67E-04	1.6E-07	5.0E-07	6.5E-09	7.2E-08	7.8E-08
271	458682.27, 3756032.92	1.28455	0.36008	7.69E-04	1.38E-07	7.69E-04	1.9E-07	5.7E-07	7.5E-09	8.3E-08	9.0E-08
272	458682.27, 3756062.92	1.45427	0.38505	8.70E-04	1.47E-07	8.70E-04	2.2E-07	6.5E-07	8.5E-09	9.4E-08	1.0E-07
273	458682.27, 3756092.92	1.60064	0.40807	9.58E-04	1.56E-07	9.58E-04	2.4E-07	7.2E-07	9.3E-09	1.0E-07	1.1E-07
274	458682.27, 3756122.92	1.6969	0.42632	1.02E-03	1.63E-07	1.02E-03	2.5E-07	7.6E-07	9.9E-09	1.1E-07	1.2E-07
275	458712.27, 3755792.92	0.39975	0.21021	2.39E-04	8.03E-08	2.39E-04	5.9E-08	1.8E-07	2.3E-09	2.6E-08	2.8E-08
276	458712.27, 3755822.92	0.46103	0.22601	2.76E-04	8.64E-08	2.76E-04	6.8E-08	2.1E-07	2.7E-09	3.0E-08	3.2E-08
277	458712.27, 3755852.92	0.53554	0.2434	3.21E-04	9.30E-08	3.21E-04	7.9E-08	2.4E-07	3.1E-09	3.4E-08	3.8E-08
278	458712.27, 3755882.92	0.62697	0.26282	3.75E-04	1.00E-07	3.75E-04	9.3E-08	2.8E-07	3.6E-09	4.0E-08	4.4E-08
279	458712.27, 3755912.92	0.74	0.28477	4.43E-04	1.09E-07	4.43E-04	1.1E-07	3.3E-07	4.3E-09	4.8E-08	5.2E-08
280	458712.27, 3755942.92	0.87817	0.30902	5.26E-04	1.18E-07	5.26E-04	1.3E-07	3.9E-07	5.1E-09	5.7E-08	6.2E-08
281	458712.27, 3755972.92	1.04682	0.33612	6.26E-04	1.28E-07	6.27E-04	1.5E-07	4.7E-07	6.1E-09	6.7E-08	7.4E-08
282	458712.27, 3756002.92	1.25151	0.36684	7.49E-04	1.40E-07	7.49E-04	1.9E-07	5.6E-07	7.3E-09	8.1E-08	8.8E-08
283	458712.27, 3756032.92	1.48968	0.40061	8.92E-04	1.53E-07	8.92E-04	2.2E-07	6.7E-07	8.7E-09	9.6E-08	1.0E-07
284	458712.27, 3756062.92	1.74987	0.43684	1.05E-03	1.67E-07	1.05E-03	2.6E-07	7.8E-07	1.0E-08	1.1E-07	1.2E-07
285	458712.27, 3756092.92	2.00546	0.47417	1.20E-03	1.81E-07	1.20E-03	3.0E-07	9.0E-07	1.2E-08	1.3E-07	1.4E-07
286	458712.27, 3756122.92	2.21449	0.50988	1.33E-03	1.95E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
287	458712.27, 3756152.92	2.32123	0.53715	1.39E-03	2.05E-07	1.39E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
288	458742.27, 3755792.92	0.40102	0.21735	2.40E-04	8.30E-08	2.40E-04	5.9E-08	1.8E-07	2.3E-09	2.6E-08	2.8E-08
289	458742.27, 3755822.92	0.46532	0.23469	2.78E-04	8.97E-08	2.79E-04	6.9E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
290	458742.27, 3755852.92	0.54483	0.25404	3.26E-04	9.71E-08	3.26E-04	8.1E-08	2.4E-07	3.2E-09	3.5E-08	3.8E-08
291	458742.27, 3755882.92	0.64412	0.27584	3.85E-04	1.05E-07	3.86E-04	9.5E-08	2.9E-07	3.7E-09	4.1E-08	4.5E-08
292	458742.27, 3755912.92	0.76986	0.30086	4.61E-04	1.15E-07	4.61E-04	1.1E-07	3.4E-07	4.5E-09	5.0E-08	5.4E-08
293	458742.27, 3755942.92	0.92918	0.32933	5.56E-04	1.26E-07	5.56E-04	1.4E-07	4.2E-07	5.4E-09	6.0E-08	6.5E-08
294	458742.27, 3755972.92	1.13044	0.36159	6.77E-04	1.38E-07	6.77E-04	1.7E-07	5.1E-07	6.6E-09	7.3E-08	7.9E-08

295	458742.27, 3756002.92	1.38731	0.39936	8.30E-04	1.53E-07	8.30E-04	2.1E-07	6.2E-07	8.1E-09	8.9E-08	9.7E-08
296	458742.27, 3756032.92	1.71002	0.44342	1.02E-03	1.69E-07	1.02E-03	2.5E-07	7.6E-07	9.9E-09	1.1E-07	1.2E-07
297	458742.27, 3756062.92	2.0977	0.49396	1.26E-03	1.89E-07	1.26E-03	3.1E-07	9.4E-07	1.2E-08	1.4E-07	1.5E-07
298	458742.27, 3756092.92	2.531	0.55129	1.51E-03	2.11E-07	1.51E-03	3.7E-07	1.1E-06	1.5E-08	1.6E-07	1.8E-07
299	458742.27, 3756122.92	2.95057	0.61364	1.77E-03	2.34E-07	1.77E-03	4.4E-07	1.3E-06	1.7E-08	1.9E-07	2.1E-07
300	458742.27, 3756152.92	3.25811	0.67514	1.95E-03	2.58E-07	1.95E-03	4.8E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
301	458742.27, 3756182.92	3.32996	0.71821	1.99E-03	2.74E-07	1.99E-03	4.9E-07	1.5E-06	1.9E-08	2.1E-07	2.3E-07
302	458772.27, 3755792.92	0.3976	0.22398	2.38E-04	8.56E-08	2.38E-04	5.9E-08	1.8E-07	2.3E-09	2.6E-08	2.8E-08
303	458772.27, 3755822.92	0.46384	0.24292	2.78E-04	9.28E-08	2.78E-04	6.9E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
304	458772.27, 3755852.92	0.54678	0.26419	3.27E-04	1.01E-07	3.27E-04	8.1E-08	2.4E-07	3.2E-09	3.5E-08	3.8E-08
305	458772.27, 3755882.92	0.65194	0.28831	3.90E-04	1.10E-07	3.90E-04	9.7E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
306	458772.27, 3755912.92	0.78791	0.31633	4.72E-04	1.21E-07	4.72E-04	1.2E-07	3.5E-07	4.6E-09	5.1E-08	5.5E-08
307	458772.27, 3755942.92	0.96577	0.34901	5.78E-04	1.33E-07	5.78E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.8E-08
308	458772.27, 3755972.92	1.19965	0.38702	7.18E-04	1.48E-07	7.18E-04	1.8E-07	5.4E-07	7.0E-09	7.7E-08	8.4E-08
309	458772.27, 3756002.92	1.51038	0.43204	9.04E-04	1.65E-07	9.04E-04	2.2E-07	6.7E-07	8.8E-09	9.7E-08	1.1E-07
310	458772.27, 3756032.92	1.92904	0.48711	1.15E-03	1.86E-07	1.15E-03	2.9E-07	8.6E-07	1.1E-08	1.2E-07	1.4E-07
311	458772.27, 3756062.92	2.48316	0.5544	1.49E-03	2.12E-07	1.49E-03	3.7E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
312	458772.27, 3756092.92	3.18594	0.63701	1.91E-03	2.43E-07	1.91E-03	4.7E-07	1.4E-06	1.9E-08	2.1E-07	2.2E-07
313	458772.27, 3756122.92	3.9971	0.73822	2.39E-03	2.82E-07	2.39E-03	5.9E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
314	458772.27, 3756152.92	4.78098	0.86011	2.86E-03	3.29E-07	2.86E-03	7.1E-07	2.1E-06	2.8E-08	3.1E-07	3.4E-07
315	458772.27, 3756182.92	5.25893	0.9892	3.15E-03	3.78E-07	3.15E-03	7.8E-07	2.4E-06	3.1E-08	3.4E-07	3.7E-07
316	458802.27, 3755792.92	0.38883	0.23	2.33E-04	8.79E-08	2.33E-04	5.8E-08	1.7E-07	2.3E-09	2.5E-08	2.7E-08
317	458802.27, 3755822.92	0.45529	0.2504	2.72E-04	9.57E-08	2.73E-04	6.7E-08	2.0E-07	2.6E-09	2.9E-08	3.2E-08
318	458802.27, 3755852.92	0.53946	0.27352	3.23E-04	1.05E-07	3.23E-04	8.0E-08	2.4E-07	3.1E-09	3.5E-08	3.8E-08
319	458802.27, 3755882.92	0.64765	0.29993	3.88E-04	1.15E-07	3.88E-04	9.6E-08	2.9E-07	3.8E-09	4.2E-08	4.5E-08
320	458802.27, 3755912.92	0.78972	0.33076	4.73E-04	1.26E-07	4.73E-04	1.2E-07	3.5E-07	4.6E-09	5.1E-08	5.5E-08
321	458802.27, 3755942.92	0.98057	0.36745	5.87E-04	1.40E-07	5.87E-04	1.5E-07	4.4E-07	5.7E-09	6.3E-08	6.9E-08
322	458802.27, 3755972.92	1.24101	0.41121	7.43E-04	1.57E-07	7.43E-04	1.8E-07	5.5E-07	7.2E-09	8.0E-08	8.7E-08
323	458802.27, 3756002.92	1.60166	0.4638	9.59E-04	1.77E-07	9.59E-04	2.4E-07	7.2E-07	9.3E-09	1.0E-07	1.1E-07
324	458802.27, 3756032.92	2.11492	0.52953	1.27E-03	2.02E-07	1.27E-03	3.1E-07	9.5E-07	1.2E-08	1.4E-07	1.5E-07
325	458802.27, 3756062.92	2.8614	0.61445	1.71E-03	2.35E-07	1.71E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
326	458802.27, 3756092.92	3.93852	0.72597	2.36E-03	2.77E-07	2.36E-03	5.8E-07	1.8E-06	2.3E-08	2.5E-07	2.8E-07
327	458802.27, 3756122.92	5.44159	0.87782	3.26E-03	3.35E-07	3.26E-03	8.1E-07	2.4E-06	3.2E-08	3.5E-07	3.8E-07
328	458802.27, 3756152.92	7.35011	1.09509	4.40E-03	4.18E-07	4.40E-03	1.1E-06	3.3E-06	4.3E-08	4.7E-07	5.2E-07
329	458802.27, 3756182.92	9.25444	1.41429	5.54E-03	5.40E-07	5.54E-03	1.4E-06	4.1E-06	5.4E-08	6.0E-07	6.5E-07
330	458802.27, 3756212.92	9.94701	1.81467	5.95E-03	6.93E-07	5.95E-03	1.5E-06	4.4E-06	5.8E-08	6.4E-07	7.0E-07
331	458832.27, 3755792.92	0.37468	0.23542	2.24E-04	9.00E-08	2.24E-04	5.5E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
332	458832.27, 3755822.92	0.43932	0.25698	2.63E-04	9.82E-08	2.63E-04	6.5E-08	2.0E-07	2.6E-09	2.8E-08	3.1E-08
333	458832.27, 3755852.92	0.522	0.28183	3.12E-04	1.08E-07	3.13E-04	7.7E-08	2.3E-07	3.0E-09	3.4E-08	3.7E-08
334	458832.27, 3755882.92	0.62946	0.31049	3.77E-04	1.19E-07	3.77E-04	9.3E-08	2.8E-07	3.7E-09	4.1E-08	4.4E-08
335	458832.27, 3755912.92	0.77207	0.34394	4.62E-04	1.31E-07	4.62E-04	1.1E-07	3.5E-07	4.5E-09	5.0E-08	5.4E-08
336	458832.27, 3755942.92	0.96703	0.38415	5.79E-04	1.47E-07	5.79E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.8E-08
337	458832.27, 3755972.92	1.24049	0.43292	7.42E-04	1.65E-07	7.43E-04	1.8E-07	5.5E-07	7.2E-09	8.0E-08	8.7E-08
338	458832.27, 3756002.92	1.63482	0.49289	9.78E-04	1.88E-07	9.79E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.1E-07
339	458832.27, 3756032.92	2.22345	0.56882	1.33E-03	2.17E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
340	458832.27, 3756062.92	3.14706	0.66991	1.88E-03	2.56E-07	1.88E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
341	458832.27, 3756092.92	4.65933	0.81003	2.79E-03	3.10E-07	2.79E-03	6.9E-07	2.1E-06	2.7E-08	3.0E-07	3.3E-07
342	458832.27, 3756122.92	7.22617	1.01603	4.32E-03	3.88E-07	4.33E-03	1.1E-06	3.2E-06	4.2E-08	4.7E-07	5.1E-07
343	458832.27, 3756152.92	11.59461	1.34863	6.94E-03	5.15E-07	6.94E-03	1.7E-06	5.2E-06	6.7E-08	7.5E-07	8.1E-07
344	458832.27, 3756182.92	18.26466	1.9758	1.09E-02	7.55E-07	1.09E-02	2.7E-06	8.2E-06	1.1E-07	1.2E-06	1.3E-06
345	458862.27, 3755792.92	0.35586	0.24016	2.13E-04	9.18E-08	2.13E-04	5.3E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08
346	458862.27, 3755822.92	0.41692	0.2628	2.50E-04	1.00E-07	2.50E-04	6.2E-08	1.9E-07	2.4E-09	2.7E-08	2.9E-08
347	458862.27, 3755852.92	0.49525	0.28904	2.96E-04	1.10E-07	2.97E-04	7.3E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
348	458862.27, 3755882.92	0.59777	0.31972	3.58E-04	1.22E-07	3.58E-04	8.8E-08	2.7E-07	3.5E-09	3.9E-08	4.2E-08
349	458862.27, 3755912.92	0.73481	0.35576	4.40E-04	1.36E-07	4.40E-04	1.1E-07	3.3E-07	4.3E-09	4.7E-08	5.2E-08
350	458862.27, 3755942.92	0.92326	0.39886	5.53E-04	1.52E-07	5.53E-04	1.4E-07	4.1E-07	5.4E-09	5.9E-08	6.5E-08
351	458862.27, 3755972.92	1.19245	0.452	7.14E-04	1.73E-07	7.14E-04	1.8E-07	5.3E-07	6.9E-09	7.7E-08	8.4E-08
352	458862.27, 3756002.92	1.5917	0.51856	9.53E-04	1.98E-07	9.53E-04	2.4E-07	7.1E-07	9.3E-09	1.0E-07	1.1E-07
353	458862.27, 3756032.92	2.21135	0.60393	1.32E-03	2.31E-07	1.32E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
354	458862.27, 3756062.92	3.2404	0.71922	1.94E-03	2.75E-07	1.94E-03	4.8E-07	1.4E-06	1.9E-08	2.1E-07	2.3E-07
355	458862.27, 3756092.92	5.09666	0.88329	3.05E-03	3.37E-07	3.05E-03	7.5E-07	2.3E-06	3.0E-08	3.3E-07	3.6E-07
356	458862.27, 3756122.92	8.78928	1.13247	5.26E-03	4.33E-07	5.26E-03	1.3E-06	3.9E-06	5.1E-08	5.7E-07	6.2E-07
357	458862.27, 3756152.92	17.3105	1.5594	1.04E-02	5.96E-07	1.04E-02	2.6E-06	7.7E-06	1.0E-07	1.1E-06	1.2E-06
358	458892.27, 3755792.92	0.33397	0.24417	2.00E-04	9.33E-08	2.00E-04	4.9E-08	1.5E-07	1.9E-09	2.2E-08	2.3E-08
359	458892.27, 3755822.92	0.39022	0.26788	2.34E-04	1.02E-07	2.34E-04	5.8E-08	1.7E-07	2.3E-09	2.5E-08	2.7E-08
360	458892.27, 3755852.92	0.46209	0.29528	2.77E-04	1.13E-07	2.77E-04	6.8E-08	2.1E-07	2.7E-09	3.0E-08	3.2E-08
361	458892.27, 3755882.92	0.55612	0.32756	3.33E-04	1.25E-07	3.33E-04	8.2E-08	2.5E-07	3.2E-09	3.6E-08	3.9E-08
362	458892.27, 3755912.92	0.68209	0.36595	4.08E-04	1.40E-07	4.08E-04	1.0E-07	3.0E-07	4.0E-09	4.4E-08	4.8E-08
363	458892.27, 3755942.92	0.85547	0.41197	5.12E-04	1.57E-07	5.12E-04	1.3E-07	3.8E-07	5.0E-09	5.5E-08	6.0E-08
364	458892.27, 3755972.92	1.1035	0.46867	6.60E-04	1.79E-07	6.61E-04	1.6E-07	4.9E-07	6.4E-09	7.1E-08	7.7E-08
365	458892.27, 3756002.92	1.47496	0.5404	8.83E-04	2.06E-07	8.83E-04	2.2E-07	6.6E-07	8.6E-09	9.5E-08	1.0E-07
366	458892.27, 3756032.92	2.06392	0.6339	1.24E-03	2.42E-07	1.24E-03	3.1E-07	9.2E-07	1.2E-08	1.3E-07	1.4E-07
367	458892.27, 3756062.92	3.07387	0.76117	1.84E-03	2.91E-07	1.84E-03	4.5E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
368	458892.27, 3756092.92	4.99063	0.94237	2.99E-03	3.60E-07	2.99E-03	7.4E-07	2.2E-06	2.9E-08	3.2E-07	3.5E-07
369	458922.27, 3755792.92	0.31115	0.24753	1.86E-04	9.46E-08	1.86E-04	4.6E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
370	458922.27, 3755822.92	0.36198	0.2722	2.17E-04	1.04E-07	2.17E-04	5.4E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08

371	458922.27, 3755852.92	0.42655	0.30073	2.55E-04	1.15E-07	2.55E-04	6.3E-08	1.9E-07	2.5E-09	2.7E-08	3.0E-08
372	458922.27, 3755882.92	0.51046	0.33435	3.05E-04	1.28E-07	3.06E-04	7.6E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
373	458922.27, 3755912.92	0.62229	0.37463	3.72E-04	1.43E-07	3.73E-04	9.2E-08	2.8E-07	3.6E-09	4.0E-08	4.4E-08
374	458922.27, 3755942.92	0.77545	0.42334	4.64E-04	1.62E-07	4.64E-04	1.1E-07	3.5E-07	4.5E-09	5.0E-08	5.4E-08
375	458922.27, 3755972.92	0.99254	0.4831	5.94E-04	1.85E-07	5.94E-04	1.5E-07	4.4E-07	5.8E-09	6.4E-08	7.0E-08
376	458922.27, 3756002.92	1.31572	0.55919	7.87E-04	2.14E-07	7.88E-04	1.9E-07	5.9E-07	7.7E-09	8.5E-08	9.2E-08
377	458922.27, 3756032.92	1.82555	0.65876	1.09E-03	2.52E-07	1.09E-03	2.7E-07	8.2E-07	1.1E-08	1.2E-07	1.3E-07
378	458922.27, 3756062.92	2.69995	0.79478	1.62E-03	3.04E-07	1.62E-03	4.0E-07	1.2E-06	1.6E-08	1.7E-07	1.9E-07
379	458952.27, 3755792.92	0.28932	0.25025	1.73E-04	9.56E-08	1.73E-04	4.3E-08	1.3E-07	1.7E-09	1.9E-08	2.0E-08
380	458952.27, 3755822.92	0.33493	0.27589	2.00E-04	1.05E-07	2.01E-04	5.0E-08	1.5E-07	1.9E-09	2.2E-08	2.4E-08
381	458952.27, 3755852.92	0.39242	0.30545	2.35E-04	1.17E-07	2.35E-04	5.8E-08	1.8E-07	2.3E-09	2.5E-08	2.8E-08
382	458952.27, 3755882.92	0.46651	0.34034	2.79E-04	1.30E-07	2.79E-04	6.9E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
383	458952.27, 3755912.92	0.56432	0.38225	3.38E-04	1.46E-07	3.38E-04	8.4E-08	2.5E-07	3.3E-09	3.6E-08	4.0E-08
384	458952.27, 3755942.92	0.69688	0.43312	4.17E-04	1.65E-07	4.17E-04	1.0E-07	3.1E-07	4.1E-09	4.5E-08	4.9E-08
385	458952.27, 3755972.92	0.88263	0.49585	5.28E-04	1.89E-07	5.28E-04	1.3E-07	3.9E-07	5.1E-09	5.7E-08	6.2E-08
386	458952.27, 3756002.92	1.15468	0.57545	6.91E-04	2.20E-07	6.91E-04	1.7E-07	5.2E-07	6.7E-09	7.4E-08	8.1E-08
387	458982.27, 3755792.92	0.26968	0.25238	1.61E-04	9.64E-08	1.61E-04	4.0E-08	1.2E-07	1.6E-09	1.7E-08	1.9E-08
388	458982.27, 3755822.92	0.31066	0.27875	1.86E-04	1.07E-07	1.86E-04	4.6E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
389	458982.27, 3755852.92	0.36206	0.30945	2.17E-04	1.18E-07	2.17E-04	5.4E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08
390	458982.27, 3755882.92	0.42769	0.34553	2.56E-04	1.32E-07	2.56E-04	6.3E-08	1.9E-07	2.5E-09	2.8E-08	3.0E-08
391	458982.27, 3755912.92	0.51351	0.38885	3.07E-04	1.49E-07	3.07E-04	7.6E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
392	458982.27, 3755942.92	0.62867	0.44153	3.76E-04	1.69E-07	3.76E-04	9.3E-08	2.8E-07	3.7E-09	4.0E-08	4.4E-08
393	458982.27, 3755972.92	0.78843	0.50685	4.72E-04	1.94E-07	4.72E-04	1.2E-07	3.5E-07	4.6E-09	5.1E-08	5.5E-08
394	459012.27, 3755792.92	0.25263	0.25399	1.51E-04	9.70E-08	1.51E-04	3.7E-08	1.1E-07	1.5E-09	1.6E-08	1.8E-08
395	459012.27, 3755822.92	0.28974	0.281	1.73E-04	1.07E-07	1.74E-04	4.3E-08	1.3E-07	1.7E-09	1.9E-08	2.0E-08
396	459012.27, 3755852.92	0.33607	0.31268	2.01E-04	1.19E-07	2.01E-04	5.0E-08	1.5E-07	2.0E-09	2.2E-08	2.4E-08
397	459012.27, 3755882.92	0.39485	0.34986	2.36E-04	1.34E-07	2.36E-04	5.8E-08	1.8E-07	2.3E-09	2.5E-08	2.8E-08
398	459012.27, 3755912.92	0.47116	0.39444	2.82E-04	1.51E-07	2.82E-04	7.0E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
399	459042.27, 3755792.92	0.2379	0.25518	1.42E-04	9.75E-08	1.42E-04	3.5E-08	1.1E-07	1.4E-09	1.5E-08	1.7E-08
400	459042.27, 3755822.92	0.2718	0.28274	1.63E-04	1.08E-07	1.63E-04	4.0E-08	1.2E-07	1.6E-09	1.8E-08	1.9E-08
401	459042.27, 3755852.92	0.3139	0.315	1.88E-04	1.20E-07	1.88E-04	4.6E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
402	459042.27, 3755882.92	0.36717	0.35325	2.20E-04	1.35E-07	2.20E-04	5.4E-08	1.6E-07	2.1E-09	2.4E-08	2.6E-08
403	459072.27, 3755792.92	0.22496	0.25582	1.35E-04	9.77E-08	1.35E-04	3.3E-08	1.0E-07	1.3E-09	1.4E-08	1.6E-08
404	459072.27, 3755822.92	0.25614	0.28391	1.53E-04	1.08E-07	1.53E-04	3.8E-08	1.1E-07	1.5E-09	1.7E-08	1.8E-08
405	459102.27, 3755792.92	0.21335	0.25585	1.28E-04	9.78E-08	1.28E-04	3.2E-08	9.5E-08	1.2E-09	1.4E-08	1.5E-08
406	458632.68, 3756291.16	0.79596	0.25796	4.76E-04	9.86E-08	4.76E-04	1.2E-07	3.6E-07	4.6E-09	5.1E-08	5.6E-08
407	458632.68, 3756321.16	0.71592	0.24311	4.28E-04	9.29E-08	4.29E-04	1.1E-07	3.2E-07	4.2E-09	4.6E-08	5.0E-08
408	458632.68, 3756351.16	0.63791	0.22757	3.82E-04	8.70E-08	3.82E-04	9.4E-08	2.9E-07	3.7E-09	4.1E-08	4.5E-08
409	458632.68, 3756381.16	0.56508	0.21189	3.38E-04	8.10E-08	3.38E-04	8.4E-08	2.5E-07	3.3E-09	3.6E-08	4.0E-08
410	458662.68, 3756291.16	0.98608	0.30549	5.90E-04	1.17E-07	5.90E-04	1.5E-07	4.4E-07	5.7E-09	6.4E-08	6.9E-08
411	458662.68, 3756321.16	0.86953	0.28437	5.20E-04	1.09E-07	5.21E-04	1.3E-07	3.9E-07	5.1E-09	5.6E-08	6.1E-08
412	458662.68, 3756351.16	0.7592	0.26257	4.54E-04	1.00E-07	4.54E-04	1.1E-07	3.4E-07	4.4E-09	4.9E-08	5.3E-08
413	458662.68, 3756381.16	0.65936	0.24124	3.95E-04	9.22E-08	3.95E-04	9.8E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
414	458662.68, 3756411.16	0.57125	0.22114	3.42E-04	8.45E-08	3.42E-04	8.5E-08	2.6E-07	3.3E-09	3.7E-08	4.0E-08
415	458662.68, 3756441.16	0.49476	0.20263	2.96E-04	7.74E-08	2.96E-04	7.3E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
416	458662.68, 3756471.16	0.42911	0.18581	2.57E-04	7.10E-08	2.57E-04	6.4E-08	1.9E-07	2.5E-09	2.8E-08	3.0E-08
417	458662.68, 3756501.16	0.37336	0.1707	2.23E-04	6.52E-08	2.24E-04	5.5E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
418	458662.68, 3756531.16	0.3263	0.15724	1.95E-04	6.01E-08	1.95E-04	4.8E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
419	458692.68, 3756291.16	1.25122	0.37108	7.49E-04	1.42E-07	7.49E-04	1.9E-07	5.6E-07	7.3E-09	8.1E-08	8.8E-08
420	458692.68, 3756321.16	1.07418	0.33923	6.43E-04	1.30E-07	6.43E-04	1.6E-07	4.8E-07	6.2E-09	6.9E-08	7.5E-08
421	458692.68, 3756351.16	0.91312	0.30735	5.46E-04	1.17E-07	5.47E-04	1.4E-07	4.1E-07	5.3E-09	5.9E-08	6.4E-08
422	458692.68, 3756381.16	0.77308	0.27738	4.63E-04	1.06E-07	4.63E-04	1.1E-07	3.5E-07	4.5E-09	5.0E-08	5.4E-08
423	458692.68, 3756411.16	0.65416	0.25015	3.92E-04	9.56E-08	3.92E-04	9.7E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
424	458692.68, 3756441.16	0.55485	0.22595	3.32E-04	8.63E-08	3.32E-04	8.2E-08	2.5E-07	3.2E-09	3.6E-08	3.9E-08
425	458692.68, 3756471.16	0.47269	0.20463	2.83E-04	7.82E-08	2.83E-04	7.0E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
426	458692.68, 3756501.16	0.40509	0.18596	2.42E-04	7.11E-08	2.43E-04	6.0E-08	1.8E-07	2.4E-09	2.6E-08	2.8E-08
427	458692.68, 3756531.16	0.34956	0.16975	2.09E-04	6.49E-08	2.09E-04	5.2E-08	1.6E-07	2.0E-09	2.3E-08	2.5E-08
428	458722.68, 3756291.16	1.63555	0.46687	9.79E-04	1.78E-07	9.79E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.1E-07
429	458722.68, 3756321.16	1.3519	0.41506	8.09E-04	1.59E-07	8.09E-04	2.0E-07	6.0E-07	7.9E-09	8.7E-08	9.5E-08
430	458722.68, 3756351.16	1.10807	0.36583	6.63E-04	1.40E-07	6.63E-04	1.6E-07	5.0E-07	6.4E-09	7.1E-08	7.8E-08
431	458722.68, 3756381.16	0.90769	0.32207	5.43E-04	1.23E-07	5.43E-04	1.3E-07	4.1E-07	5.3E-09	5.8E-08	6.4E-08
432	458722.68, 3756411.16	0.74665	0.28442	4.47E-04	1.09E-07	4.47E-04	1.1E-07	3.3E-07	4.3E-09	4.8E-08	5.2E-08
433	458722.68, 3756441.16	0.61858	0.25244	3.70E-04	9.65E-08	3.70E-04	9.2E-08	2.8E-07	3.6E-09	4.0E-08	4.3E-08
434	458722.68, 3756471.16	0.51705	0.22543	3.09E-04	8.61E-08	3.10E-04	7.7E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
435	458722.68, 3756501.16	0.43646	0.20251	2.61E-04	7.74E-08	2.61E-04	6.5E-08	2.0E-07	2.5E-09	2.8E-08	3.1E-08
436	458722.68, 3756531.16	0.37184	0.18311	2.23E-04	7.00E-08	2.23E-04	5.5E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
437	458752.68, 3756291.16	2.21375	0.6172	1.32E-03	2.36E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
438	458752.68, 3756321.16	1.72836	0.5234	1.03E-03	2.00E-07	1.03E-03	2.6E-07	7.7E-07	1.0E-08	1.1E-07	1.2E-07
439	458752.68, 3756351.16	1.34813	0.44237	8.07E-04	1.69E-07	8.07E-04	2.0E-07	6.0E-07	7.8E-09	8.7E-08	9.5E-08
440	458752.68, 3756381.16	1.06067	0.3766	6.35E-04	1.44E-07	6.35E-04	1.6E-07	4.7E-07	6.2E-09	6.8E-08	7.4E-08
441	458752.68, 3756411.16	0.84515	0.32407	5.06E-04	1.24E-07	5.06E-04	1.3E-07	3.8E-07	4.9E-09	5.4E-08	5.9E-08
442	458752.68, 3756441.16	0.68295	0.28205	4.09E-04	1.08E-07	4.09E-04	1.0E-07	3.1E-07	4.0E-09	4.4E-08	4.8E-08
443	458752.68, 3756471.16	0.56	0.24807	3.35E-04	9.48E-08	3.35E-04	8.3E-08	2.5E-07	3.3E-09	3.6E-08	3.9E-08
444	458752.68, 3756501.16	0.46592	0.22021	2.79E-04	8.41E-08	2.79E-04	6.9E-08	2.1E-07	2.7E-09	3.0E-08	3.3E-08
445	458752.68, 3756531.16	0.39222	0.19715	2.35E-04	7.53E-08	2.35E-04	5.8E-08	1.8E-07	2.3E-09	2.5E-08	2.8E-08
446	458782.68, 3756291.16	3.10257	0.87556	1.86E-03	3.35E-07	1.86E-03	4.6E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07

447	458782.68, 3756321.16	2.22279	0.68127	1.33E-03	2.60E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
448	458782.68, 3756351.16	1.62798	0.54082	9.74E-04	2.07E-07	9.75E-04	2.4E-07	7.3E-07	9.5E-09	1.0E-07	1.1E-07
449	458782.68, 3756381.16	1.22401	0.44127	7.33E-04	1.69E-07	7.33E-04	1.8E-07	5.5E-07	7.1E-09	7.9E-08	8.6E-08
450	458782.68, 3756411.16	0.94368	0.36879	5.65E-04	1.41E-07	5.65E-04	1.4E-07	4.2E-07	5.5E-09	6.1E-08	6.6E-08
451	458782.68, 3756441.16	0.74459	0.31432	4.46E-04	1.20E-07	4.46E-04	1.1E-07	3.3E-07	4.3E-09	4.8E-08	5.2E-08
452	458782.68, 3756471.16	0.59987	0.27217	3.59E-04	1.04E-07	3.59E-04	8.9E-08	2.7E-07	3.5E-09	3.9E-08	4.2E-08
453	458782.68, 3756501.16	0.49217	0.23877	2.95E-04	9.12E-08	2.95E-04	7.3E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
454	458782.68, 3756531.16	0.40991	0.21173	2.45E-04	8.09E-08	2.45E-04	6.1E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
455	458812.68, 3756291.16	4.40815	1.35037	2.64E-03	5.16E-07	2.64E-03	6.5E-07	2.0E-06	2.6E-08	2.8E-07	3.1E-07
456	458812.68, 3756321.16	2.81649	0.90282	1.69E-03	3.45E-07	1.69E-03	4.2E-07	1.3E-06	1.6E-08	1.8E-07	2.0E-07
457	458812.68, 3756351.16	1.92458	0.66077	1.15E-03	2.52E-07	1.15E-03	2.8E-07	8.6E-07	1.1E-08	1.2E-07	1.4E-07
458	458812.68, 3756381.16	1.38333	0.51447	8.28E-04	1.97E-07	8.28E-04	2.0E-07	6.2E-07	8.0E-09	8.9E-08	9.7E-08
459	458812.68, 3756411.16	1.03431	0.41741	6.19E-04	1.59E-07	6.19E-04	1.5E-07	4.6E-07	6.0E-09	6.7E-08	7.3E-08
460	458812.68, 3756441.16	0.79884	0.34854	4.78E-04	1.33E-07	4.78E-04	1.2E-07	3.6E-07	4.6E-09	5.1E-08	5.6E-08
461	458812.68, 3756471.16	0.63359	0.29733	3.79E-04	1.14E-07	3.79E-04	9.4E-08	2.8E-07	3.7E-09	4.1E-08	4.4E-08
462	458812.68, 3756501.16	0.5137	0.25788	3.07E-04	9.85E-08	3.08E-04	7.6E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
463	458812.68, 3756531.16	0.42411	0.22663	2.54E-04	8.66E-08	2.54E-04	6.3E-08	1.9E-07	2.5E-09	2.7E-08	3.0E-08
464	458842.68, 3756291.16	5.97923	2.11157	3.58E-03	8.07E-07	3.58E-03	8.9E-07	2.7E-06	3.5E-08	3.9E-07	4.2E-07
465	458842.68, 3756321.16	3.41747	1.1754	2.05E-03	4.49E-07	2.05E-03	5.1E-07	1.5E-06	2.0E-08	2.2E-07	2.4E-07
466	458842.68, 3756351.16	2.19444	0.79446	1.31E-03	3.04E-07	1.31E-03	3.2E-07	9.8E-07	1.3E-08	1.4E-07	1.5E-07
467	458842.68, 3756381.16	1.51685	0.59251	9.08E-04	2.26E-07	9.08E-04	2.2E-07	6.8E-07	8.8E-09	9.8E-08	1.1E-07
468	458842.68, 3756411.16	1.10513	0.46784	6.61E-04	1.79E-07	6.62E-04	1.6E-07	4.9E-07	6.4E-09	7.1E-08	7.8E-08
469	458842.68, 3756441.16	0.84009	0.38361	5.03E-04	1.47E-07	5.03E-04	1.2E-07	3.8E-07	4.9E-09	5.4E-08	5.9E-08
470	458842.68, 3756471.16	0.65676	0.32276	3.93E-04	1.23E-07	3.93E-04	9.7E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
471	458842.68, 3756501.16	0.52748	0.27704	3.16E-04	1.06E-07	3.16E-04	7.8E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
472	458842.68, 3756531.16	0.43278	0.24147	2.59E-04	9.23E-08	2.59E-04	6.4E-08	1.9E-07	2.5E-09	2.8E-08	3.0E-08
473	458872.68, 3756291.16	7.24801	2.87897	4.34E-03	1.10E-06	4.34E-03	1.1E-06	3.2E-06	4.2E-08	4.7E-07	5.1E-07
474	458872.68, 3756321.16	3.86413	1.44705	2.31E-03	5.53E-07	2.31E-03	5.7E-07	1.7E-06	2.2E-08	2.5E-07	2.7E-07
475	458872.68, 3756351.16	2.3806	0.92745	1.42E-03	3.54E-07	1.43E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
476	458872.68, 3756381.16	1.60131	0.66941	9.58E-04	2.56E-07	9.59E-04	2.4E-07	7.2E-07	9.3E-09	1.0E-07	1.1E-07
477	458872.68, 3756411.16	1.14664	0.51749	6.86E-04	1.98E-07	6.86E-04	1.7E-07	5.1E-07	6.7E-09	7.4E-08	8.1E-08
478	458872.68, 3756441.16	0.86278	0.41817	5.16E-04	1.60E-07	5.17E-04	1.3E-07	3.9E-07	5.0E-09	5.6E-08	6.1E-08
479	458872.68, 3756471.16	0.66714	0.34755	3.99E-04	1.33E-07	3.99E-04	9.9E-08	3.0E-07	3.9E-09	4.3E-08	4.7E-08
480	458872.68, 3756501.16	0.534	0.29581	3.20E-04	1.13E-07	3.20E-04	7.9E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
481	458872.68, 3756531.16	0.43744	0.25613	2.62E-04	9.79E-08	2.62E-04	6.5E-08	2.0E-07	2.5E-09	2.8E-08	3.1E-08
482	458902.68, 3756291.16	7.79327	3.44355	4.66E-03	1.32E-06	4.67E-03	1.2E-06	3.5E-06	4.5E-08	5.0E-07	5.5E-07
483	458902.68, 3756321.16	4.02533	1.67555	2.41E-03	6.40E-07	2.41E-03	6.0E-07	1.8E-06	2.3E-08	2.6E-07	2.8E-07
484	458902.68, 3756351.16	2.43189	1.0456	1.46E-03	4.00E-07	1.46E-03	3.6E-07	1.1E-06	1.4E-08	1.6E-07	1.7E-07
485	458902.68, 3756381.16	1.62094	0.74065	9.70E-04	2.83E-07	9.70E-04	2.4E-07	7.2E-07	9.4E-09	1.0E-07	1.1E-07
486	458902.68, 3756411.16	1.15617	0.56474	6.92E-04	2.16E-07	6.92E-04	1.7E-07	5.2E-07	6.7E-09	7.4E-08	8.1E-08
487	458902.68, 3756441.16	0.86529	0.45116	5.18E-04	1.72E-07	5.18E-04	1.3E-07	3.9E-07	5.0E-09	5.6E-08	6.1E-08
488	458902.68, 3756471.16	0.67033	0.37201	4.01E-04	1.42E-07	4.01E-04	9.9E-08	3.0E-07	3.9E-09	4.3E-08	4.7E-08
489	458902.68, 3756501.16	0.53512	0.31424	3.20E-04	1.20E-07	3.20E-04	7.9E-08	2.4E-07	3.1E-09	3.4E-08	3.8E-08
490	458902.68, 3756531.16	0.43735	0.27037	2.62E-04	1.03E-07	2.62E-04	6.5E-08	2.0E-07	2.5E-09	2.8E-08	3.1E-08
491	458932.68, 3756291.16	7.53575	3.8518	4.51E-03	1.47E-06	4.51E-03	1.1E-06	3.4E-06	4.4E-08	4.9E-07	5.3E-07
492	458932.68, 3756321.16	3.90799	1.86565	2.34E-03	7.13E-07	2.34E-03	5.8E-07	1.7E-06	2.3E-08	2.5E-07	2.7E-07
493	458932.68, 3756351.16	2.36934	1.15014	1.42E-03	4.39E-07	1.42E-03	3.5E-07	1.1E-06	1.4E-08	1.5E-07	1.7E-07
494	458932.68, 3756381.16	1.58404	0.80515	9.48E-04	3.08E-07	9.48E-04	2.3E-07	7.1E-07	9.2E-09	1.0E-07	1.1E-07
495	458932.68, 3756411.16	1.1331	0.60804	6.78E-04	2.32E-07	6.78E-04	1.7E-07	5.1E-07	6.6E-09	7.3E-08	8.0E-08
496	458932.68, 3756441.16	0.85019	0.48188	5.09E-04	1.84E-07	5.09E-04	1.3E-07	3.8E-07	4.9E-09	5.5E-08	6.0E-08
497	458932.68, 3756471.16	0.66142	0.39498	3.96E-04	1.51E-07	3.96E-04	9.8E-08	3.0E-07	3.8E-09	4.3E-08	4.6E-08
498	458932.68, 3756501.16	0.52819	0.33163	3.16E-04	1.27E-07	3.16E-04	7.8E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
499	458932.68, 3756531.16	0.43168	0.28383	2.58E-04	1.08E-07	2.58E-04	6.4E-08	1.9E-07	2.5E-09	2.8E-08	3.0E-08
500	458962.68, 3756291.16	6.60455	4.14797	3.95E-03	1.58E-06	3.95E-03	9.8E-07	3.0E-06	3.8E-08	4.3E-07	4.6E-07
501	458962.68, 3756321.16	3.56815	2.01831	2.14E-03	7.71E-07	2.14E-03	5.3E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
502	458962.68, 3756351.16	2.2184	1.23956	1.33E-03	4.74E-07	1.33E-03	3.3E-07	9.9E-07	1.3E-08	1.4E-07	1.6E-07
503	458962.68, 3756381.16	1.50332	0.86163	9.00E-04	3.29E-07	9.00E-04	2.2E-07	6.7E-07	8.7E-09	9.7E-08	1.1E-07
504	458962.68, 3756411.16	1.08417	0.64624	6.49E-04	2.47E-07	6.49E-04	1.6E-07	4.8E-07	6.3E-09	7.0E-08	7.6E-08
505	458962.68, 3756441.16	0.82017	0.50976	4.91E-04	1.95E-07	4.91E-04	1.2E-07	3.7E-07	4.8E-09	5.3E-08	5.8E-08
506	458962.68, 3756471.16	0.64168	0.41593	3.84E-04	1.59E-07	3.84E-04	9.5E-08	2.9E-07	3.7E-09	4.1E-08	4.5E-08
507	458962.68, 3756501.16	0.51474	0.34775	3.08E-04	1.33E-07	3.08E-04	7.6E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
508	458962.68, 3756531.16	0.4221	0.29649	2.53E-04	1.13E-07	2.53E-04	6.2E-08	1.9E-07	2.5E-09	2.7E-08	3.0E-08
509	458992.68, 3756291.16	5.4758	4.36452	3.28E-03	1.67E-06	3.28E-03	8.1E-07	2.4E-06	3.2E-08	3.5E-07	3.8E-07
510	458992.68, 3756321.16	3.15657	2.14607	1.89E-03	8.20E-07	1.89E-03	4.7E-07	1.4E-06	1.8E-08	2.0E-07	2.2E-07
511	458992.68, 3756351.16	2.02983	1.31755	1.21E-03	5.03E-07	1.22E-03	3.0E-07	9.1E-07	1.2E-08	1.3E-07	1.4E-07
512	458992.68, 3756381.16	1.40568	0.91391	8.41E-04	3.49E-07	8.42E-04	2.1E-07	6.3E-07	8.2E-09	9.1E-08	9.9E-08
513	458992.68, 3756411.16	1.02511	0.6817	6.14E-04	2.60E-07	6.14E-04	1.5E-07	4.6E-07	6.0E-09	6.6E-08	7.2E-08
514	458992.68, 3756441.16	0.78113	0.53491	4.67E-04	2.04E-07	4.68E-04	1.2E-07	3.5E-07	4.5E-09	5.0E-08	5.5E-08
515	458992.68, 3756471.16	0.61653	0.43528	3.69E-04	1.66E-07	3.69E-04	9.1E-08	2.8E-07	3.6E-09	4.0E-08	4.3E-08
516	458992.68, 3756501.16	0.49827	0.36303	2.98E-04	1.39E-07	2.98E-04	7.4E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
517	458992.68, 3756531.16	0.4102	0.30847	2.45E-04	1.18E-07	2.46E-04	6.1E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
518	459022.68, 3756291.16	4.42912	4.50913	2.65E-03	1.72E-06	2.65E-03	6.6E-07	2.0E-06	2.6E-08	2.9E-07	3.1E-07
519	459022.68, 3756321.16	2.73653	2.24471	1.64E-03	8.58E-07	1.64E-03	4.1E-07	1.2E-06	1.6E-08	1.8E-07	1.9E-07
520	459022.68, 3756351.16	1.83137	1.38504	1.10E-03	5.29E-07	1.10E-03	2.7E-07	8.2E-07	1.1E-08	1.2E-07	1.3E-07
521	459022.68, 3756381.16	1.30132	0.96156	7.79E-04	3.67E-07	7.79E-04	1.9E-07	5.8E-07	7.6E-09	8.4E-08	9.1E-08
522	459022.68, 3756411.16	0.96454	0.71598	5.77E-04	2.74E-07	5.78E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.8E-08

523	459022.68, 3756441.16	0.74188	0.55962	4.44E-04	2.14E-07	4.44E-04	1.1E-07	3.3E-07	4.3E-09	4.8E-08	5.2E-08
524	459022.68, 3756471.16	0.58973	0.45378	3.53E-04	1.73E-07	3.53E-04	8.7E-08	2.6E-07	3.4E-09	3.8E-08	4.1E-08
525	459022.68, 3756501.16	0.47986	0.37749	2.87E-04	1.44E-07	2.87E-04	7.1E-08	2.1E-07	2.8E-09	3.1E-08	3.4E-08
526	459022.68, 3756531.16	0.39709	0.3199	2.38E-04	1.22E-07	2.38E-04	5.9E-08	1.8E-07	2.3E-09	2.6E-08	2.8E-08
527	459052.68, 3756291.16	3.55849	4.60641	2.13E-03	1.76E-06	2.13E-03	5.3E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
528	459052.68, 3756321.16	2.34004	2.31553	1.40E-03	8.85E-07	1.40E-03	3.5E-07	1.0E-06	1.4E-08	1.5E-07	1.6E-07
529	459052.68, 3756351.16	1.6321	1.44001	9.77E-04	5.50E-07	9.77E-04	2.4E-07	7.3E-07	9.5E-09	1.1E-07	1.1E-07
530	459052.68, 3756381.16	1.19116	1.002	7.13E-04	3.83E-07	7.13E-04	1.8E-07	5.3E-07	6.9E-09	7.7E-08	8.4E-08
531	459052.68, 3756411.16	0.90039	0.74668	5.39E-04	2.85E-07	5.39E-04	1.3E-07	4.0E-07	5.2E-09	5.8E-08	6.3E-08
532	459052.68, 3756441.16	0.70186	0.5831	4.20E-04	2.23E-07	4.20E-04	1.0E-07	3.1E-07	4.1E-09	4.5E-08	4.9E-08
533	459052.68, 3756471.16	0.56186	0.4713	3.36E-04	1.80E-07	3.36E-04	8.3E-08	2.5E-07	3.3E-09	3.6E-08	3.9E-08
534	459052.68, 3756501.16	0.46	0.391	2.75E-04	1.49E-07	2.75E-04	6.8E-08	2.1E-07	2.7E-09	3.0E-08	3.2E-08
535	459052.68, 3756531.16	0.37719	0.33054	2.26E-04	1.26E-07	2.26E-04	5.6E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
536	459082.68, 3756291.16	2.86155	4.65073	1.71E-03	1.78E-06	1.71E-03	4.2E-07	1.3E-06	1.7E-08	1.8E-07	2.0E-07
537	459082.68, 3756321.16	1.98093	2.35262	1.19E-03	8.99E-07	1.19E-03	2.9E-07	8.9E-07	1.2E-08	1.3E-07	1.4E-07
538	459082.68, 3756351.16	1.42869	1.47199	8.55E-04	5.62E-07	8.56E-04	2.1E-07	6.4E-07	8.3E-09	9.2E-08	1.0E-07
539	459082.68, 3756381.16	1.07693	1.03339	6.45E-04	3.95E-07	6.45E-04	1.6E-07	4.8E-07	6.3E-09	6.9E-08	7.6E-08
540	459082.68, 3756411.16	0.83362	0.77314	4.99E-04	2.95E-07	4.99E-04	1.2E-07	3.7E-07	4.8E-09	5.4E-08	5.9E-08
541	459082.68, 3756441.16	0.65957	0.60397	3.95E-04	2.31E-07	3.95E-04	9.8E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
542	459082.68, 3756471.16	0.53297	0.48739	3.19E-04	1.86E-07	3.19E-04	7.9E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
543	459082.68, 3756501.16	0.43647	0.40363	2.61E-04	1.54E-07	2.61E-04	6.5E-08	2.0E-07	2.5E-09	2.8E-08	3.1E-08
544	459082.68, 3756531.16	0.35543	0.33995	2.13E-04	1.30E-07	2.13E-04	5.3E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08
545	459112.68, 3756291.16	2.30241	4.64109	1.38E-03	1.77E-06	1.38E-03	3.4E-07	1.0E-06	1.3E-08	1.5E-07	1.6E-07
546	459112.68, 3756321.16	1.62876	2.35548	9.75E-04	9.00E-07	9.76E-04	2.4E-07	7.3E-07	9.5E-09	1.0E-07	1.1E-07
547	459112.68, 3756351.16	1.17965	1.47088	7.06E-04	5.62E-07	7.07E-04	1.7E-07	5.3E-07	6.9E-09	7.6E-08	8.3E-08
548	459112.68, 3756381.16	0.95578	1.05379	5.72E-04	4.03E-07	5.72E-04	1.4E-07	4.3E-07	5.6E-09	6.2E-08	6.7E-08
549	459112.68, 3756411.16	0.76631	0.79561	4.59E-04	3.04E-07	4.59E-04	1.1E-07	3.4E-07	4.5E-09	4.9E-08	5.4E-08
550	459112.68, 3756441.16	0.61587	0.62208	3.69E-04	2.38E-07	3.69E-04	9.1E-08	2.8E-07	3.6E-09	4.0E-08	4.3E-08
551	459112.68, 3756471.16	0.49873	0.5014	2.98E-04	1.92E-07	2.99E-04	7.4E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
552	459112.68, 3756501.16	0.40997	0.41448	2.45E-04	1.58E-07	2.46E-04	6.1E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
553	459112.68, 3756531.16	0.32698	0.34804	1.96E-04	1.33E-07	1.96E-04	4.8E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
554	459142.68, 3756291.16	1.89093	4.71853	1.13E-03	1.80E-06	1.13E-03	2.8E-07	8.5E-07	1.1E-08	1.2E-07	1.3E-07
555	459142.68, 3756321.16	1.38112	2.38918	8.27E-04	9.13E-07	8.27E-04	2.0E-07	6.2E-07	8.0E-09	8.9E-08	9.7E-08
556	459142.68, 3756351.16	1.02832	1.47709	6.15E-04	5.64E-07	6.16E-04	1.5E-07	4.6E-07	6.0E-09	6.6E-08	7.2E-08
557	459142.68, 3756381.16	0.81178	1.05895	4.86E-04	4.05E-07	4.86E-04	1.2E-07	3.6E-07	4.7E-09	5.2E-08	5.7E-08
558	459142.68, 3756411.16	0.67814	0.80872	4.06E-04	3.09E-07	4.06E-04	1.0E-07	3.0E-07	3.9E-09	4.4E-08	4.8E-08
559	459142.68, 3756441.16	0.56331	0.63608	3.37E-04	2.43E-07	3.37E-04	8.3E-08	2.5E-07	3.3E-09	3.6E-08	4.0E-08
560	459142.68, 3756471.16	0.45808	0.51263	2.74E-04	1.96E-07	2.74E-04	6.8E-08	2.0E-07	2.7E-09	3.0E-08	3.2E-08
561	459142.68, 3756501.16	0.37729	0.42363	2.26E-04	1.62E-07	2.26E-04	5.6E-08	1.7E-07	2.2E-09	2.4E-08	2.7E-08
562	459142.68, 3756531.16	0.3025	0.35444	1.81E-04	1.35E-07	1.81E-04	4.5E-08	1.4E-07	1.8E-09	1.9E-08	2.1E-08
563	459172.68, 3756291.16	1.57292	4.77719	9.41E-04	1.83E-06	9.43E-04	2.3E-07	7.0E-07	9.2E-09	1.0E-07	1.1E-07
564	459172.68, 3756321.16	1.18949	2.4122	7.12E-04	9.22E-07	7.13E-04	1.8E-07	5.3E-07	6.9E-09	7.7E-08	8.4E-08
565	459172.68, 3756351.16	0.90855	1.5012	5.44E-04	5.74E-07	5.44E-04	1.3E-07	4.1E-07	5.3E-09	5.9E-08	6.4E-08
566	459172.68, 3756381.16	0.72076	1.06152	4.31E-04	4.06E-07	4.32E-04	1.1E-07	3.2E-07	4.2E-09	4.6E-08	5.1E-08
567	459172.68, 3756411.16	0.5952	0.81514	3.56E-04	3.11E-07	3.57E-04	8.8E-08	2.7E-07	3.5E-09	3.8E-08	4.2E-08
568	459172.68, 3756441.16	0.50154	0.64636	3.00E-04	2.47E-07	3.00E-04	7.4E-08	2.2E-07	2.9E-09	3.2E-08	3.5E-08
569	459172.68, 3756471.16	0.41603	0.52239	2.49E-04	2.00E-07	2.49E-04	6.2E-08	1.9E-07	2.4E-09	2.7E-08	2.9E-08
570	459172.68, 3756501.16	0.3464	0.43134	2.07E-04	1.65E-07	2.07E-04	5.1E-08	1.5E-07	2.0E-09	2.2E-08	2.4E-08
571	459172.68, 3756531.16	0.28819	0.35978	1.72E-04	1.37E-07	1.73E-04	4.3E-08	1.3E-07	1.7E-09	1.9E-08	2.0E-08
572	459202.68, 3756291.16	1.33894	4.87932	8.01E-04	1.86E-06	8.03E-04	2.0E-07	6.0E-07	7.8E-09	8.6E-08	9.4E-08
573	459202.68, 3756321.16	1.03416	2.44521	6.19E-04	9.34E-07	6.20E-04	1.5E-07	4.6E-07	6.0E-09	6.7E-08	7.3E-08
574	459202.68, 3756351.16	0.8103	1.53338	4.85E-04	5.86E-07	4.86E-04	1.2E-07	3.6E-07	4.7E-09	5.2E-08	5.7E-08
575	459202.68, 3756381.16	0.65026	1.0806	3.89E-04	4.13E-07	3.90E-04	9.6E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
576	459202.68, 3756411.16	0.54122	0.82489	3.24E-04	3.15E-07	3.24E-04	8.0E-08	2.4E-07	3.1E-09	3.5E-08	3.8E-08
577	459202.68, 3756441.16	0.45709	0.65541	2.74E-04	2.50E-07	2.74E-04	6.8E-08	2.0E-07	2.7E-09	2.9E-08	3.2E-08
578	459202.68, 3756471.16	0.38618	0.53125	2.31E-04	2.03E-07	2.31E-04	5.7E-08	1.7E-07	2.2E-09	2.5E-08	2.7E-08
579	459202.68, 3756501.16	0.32629	0.43784	1.95E-04	1.67E-07	1.95E-04	4.8E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
580	459202.68, 3756531.16	0.27648	0.36651	1.65E-04	1.40E-07	1.66E-04	4.1E-08	1.2E-07	1.6E-09	1.8E-08	1.9E-08
581	459232.68, 3756291.16	1.15097	4.98616	6.89E-04	1.91E-06	6.91E-04	1.7E-07	5.2E-07	6.7E-09	7.4E-08	8.1E-08
582	459232.68, 3756321.16	0.91395	2.51587	5.47E-04	9.61E-07	5.48E-04	1.4E-07	4.1E-07	5.3E-09	5.9E-08	6.4E-08
583	459232.68, 3756351.16	0.72797	1.57288	4.36E-04	6.01E-07	4.36E-04	1.1E-07	3.3E-07	4.2E-09	4.7E-08	5.1E-08
584	459232.68, 3756381.16	0.58743	1.09787	3.52E-04	4.19E-07	3.52E-04	8.7E-08	2.6E-07	3.4E-09	3.8E-08	4.1E-08
585	459232.68, 3756411.16	0.48958	0.82956	2.93E-04	3.17E-07	2.93E-04	7.3E-08	2.2E-07	2.8E-09	3.2E-08	3.4E-08
586	459232.68, 3756441.16	0.41872	0.66034	2.51E-04	2.52E-07	2.51E-04	6.2E-08	1.9E-07	2.4E-09	2.7E-08	2.9E-08
587	459232.68, 3756471.16	0.36006	0.53789	2.15E-04	2.06E-07	2.16E-04	5.3E-08	1.6E-07	2.1E-09	2.3E-08	2.5E-08
588	459232.68, 3756501.16	0.30879	0.4448	1.85E-04	1.70E-07	1.85E-04	4.6E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
589	459232.68, 3756531.16	0.26473	0.37308	1.58E-04	1.43E-07	1.59E-04	3.9E-08	1.2E-07	1.5E-09	1.7E-08	1.9E-08
590	459262.68, 3756291.16	0.98996	5.05882	5.92E-04	1.93E-06	5.94E-04	1.5E-07	4.4E-07	5.8E-09	6.4E-08	7.0E-08
591	459262.68, 3756321.16	0.81261	2.589	4.86E-04	9.89E-07	4.87E-04	1.2E-07	3.6E-07	4.7E-09	5.2E-08	5.7E-08
592	459262.68, 3756351.16	0.65498	1.60549	3.92E-04	6.13E-07	3.93E-04	9.7E-08	2.9E-07	3.8E-09	4.2E-08	4.6E-08
593	459262.68, 3756381.16	0.52955	1.10612	3.17E-04	4.23E-07	3.17E-04	7.8E-08	2.4E-07	3.1E-09	3.4E-08	3.7E-08
594	459262.68, 3756411.16	0.44205	0.82326	2.65E-04	3.15E-07	2.65E-04	6.5E-08	2.0E-07	2.6E-09	2.8E-08	3.1E-08
595	459262.68, 3756441.16	0.38235	0.66293	2.29E-04	2.53E-07	2.29E-04	5.7E-08	1.7E-07	2.2E-09	2.5E-08	2.7E-08
596	459262.68, 3756471.16	0.33399	0.54295	2.00E-04	2.07E-07	2.00E-04	4.9E-08	1.5E-07	1.9E-09	2.2E-08	2.3E-08
597	459262.68, 3756501.16	0.29029	0.45009	1.74E-04	1.72E-07	1.74E-04	4.3E-08	1.3E-07	1.7E-09	1.9E-08	2.0E-08
598	459262.68, 3756531.16	0.25164	0.3772	1.51E-04	1.44E-07	1.51E-04	3.7E-08	1.1E-07	1.5E-09	1.6E-08	1.8E-08

599	459292.68, 3756291.16	0.86539	5.14547	5.18E-04	1.97E-06	5.20E-04	1.3E-07	3.9E-07	5.1E-09	5.6E-08	6.1E-08
600	459292.68, 3756321.16	0.72359	2.6408	4.33E-04	1.01E-06	4.34E-04	1.1E-07	3.2E-07	4.2E-09	4.7E-08	5.1E-08
601	459292.68, 3756351.16	0.59471	1.64569	3.56E-04	6.29E-07	3.57E-04	8.8E-08	2.7E-07	3.5E-09	3.8E-08	4.2E-08
602	459292.68, 3756381.16	0.48694	1.13758	2.91E-04	4.35E-07	2.92E-04	7.2E-08	2.2E-07	2.8E-09	3.1E-08	3.4E-08
603	459292.68, 3756411.16	0.40737	0.84048	2.44E-04	3.21E-07	2.44E-04	6.0E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
604	459292.68, 3756441.16	0.35119	0.66662	2.10E-04	2.55E-07	2.10E-04	5.2E-08	1.6E-07	2.0E-09	2.3E-08	2.5E-08
605	459292.68, 3756471.16	0.30881	0.54624	1.85E-04	2.09E-07	1.85E-04	4.6E-08	1.4E-07	1.8E-09	2.0E-08	2.2E-08
606	459292.68, 3756501.16	0.27183	0.45373	1.63E-04	1.73E-07	1.63E-04	4.0E-08	1.2E-07	1.6E-09	1.8E-08	1.9E-08
607	459292.68, 3756531.16	0.23794	0.38054	1.42E-04	1.45E-07	1.43E-04	3.5E-08	1.1E-07	1.4E-09	1.5E-08	1.7E-08
608	459322.68, 3756291.16	0.76256	5.19715	4.56E-04	1.99E-06	4.58E-04	1.1E-07	3.4E-07	4.5E-09	4.9E-08	5.4E-08
609	459322.68, 3756321.16	0.64623	2.67463	3.87E-04	1.02E-06	3.88E-04	9.6E-08	2.9E-07	3.8E-09	4.2E-08	4.5E-08
610	459322.68, 3756351.16	0.53973	1.67481	3.23E-04	6.40E-07	3.24E-04	8.0E-08	2.4E-07	3.1E-09	3.5E-08	3.8E-08
611	459322.68, 3756381.16	0.44937	1.16444	2.69E-04	4.45E-07	2.69E-04	6.7E-08	2.0E-07	2.6E-09	2.9E-08	3.2E-08
612	459322.68, 3756411.16	0.37791	0.86415	2.26E-04	3.30E-07	2.27E-04	5.6E-08	1.7E-07	2.2E-09	2.4E-08	2.7E-08
613	459322.68, 3756441.16	0.32418	0.6696	1.94E-04	2.56E-07	1.94E-04	4.8E-08	1.5E-07	1.9E-09	2.1E-08	2.3E-08
614	459322.68, 3756471.16	0.28587	0.54899	1.71E-04	2.10E-07	1.71E-04	4.2E-08	1.3E-07	1.7E-09	1.8E-08	2.0E-08
615	459322.68, 3756501.16	0.25386	0.45618	1.52E-04	1.74E-07	1.52E-04	3.8E-08	1.1E-07	1.5E-09	1.6E-08	1.8E-08
616	459322.68, 3756531.16	0.22383	0.38206	1.34E-04	1.46E-07	1.34E-04	3.3E-08	1.0E-07	1.3E-09	1.4E-08	1.6E-08
617	459352.68, 3756291.16	0.67007	5.21655	4.01E-04	1.99E-06	4.03E-04	1.0E-07	3.0E-07	3.9E-09	4.3E-08	4.7E-08
618	459352.68, 3756321.16	0.57716	2.68921	3.45E-04	1.03E-06	3.46E-04	8.6E-08	2.6E-07	3.4E-09	3.7E-08	4.1E-08
619	459352.68, 3756351.16	0.48676	1.68447	2.91E-04	6.44E-07	2.92E-04	7.2E-08	2.2E-07	2.8E-09	3.1E-08	3.4E-08
620	459352.68, 3756381.16	0.40831	1.16936	2.44E-04	4.47E-07	2.45E-04	6.1E-08	1.8E-07	2.4E-09	2.6E-08	2.9E-08
621	459352.68, 3756411.16	0.34657	0.86436	2.07E-04	3.30E-07	2.08E-04	5.1E-08	1.6E-07	2.0E-09	2.2E-08	2.4E-08
622	459352.68, 3756441.16	0.29983	0.67457	1.79E-04	2.58E-07	1.80E-04	4.4E-08	1.3E-07	1.7E-09	1.9E-08	2.1E-08
623	459352.68, 3756471.16	0.26543	0.54867	1.59E-04	2.10E-07	1.59E-04	3.9E-08	1.2E-07	1.5E-09	1.7E-08	1.9E-08
624	459352.68, 3756501.16	0.23657	0.45688	1.42E-04	1.75E-07	1.42E-04	3.5E-08	1.1E-07	1.4E-09	1.5E-08	1.7E-08
625	459352.68, 3756531.16	0.20997	0.37926	1.26E-04	1.45E-07	1.26E-04	3.1E-08	9.4E-08	1.2E-09	1.4E-08	1.5E-08
626	459382.68, 3756291.16	0.59311	5.23063	3.55E-04	2.00E-06	3.57E-04	8.8E-08	2.7E-07	3.5E-09	3.8E-08	4.2E-08
627	459382.68, 3756321.16	0.5172	2.69997	3.10E-04	1.03E-06	3.11E-04	7.7E-08	2.3E-07	3.0E-09	3.3E-08	3.6E-08
628	459382.68, 3756351.16	0.44252	1.69886	2.65E-04	6.49E-07	2.65E-04	6.6E-08	2.0E-07	2.6E-09	2.9E-08	3.1E-08
629	459382.68, 3756381.16	0.37569	1.183	2.25E-04	4.52E-07	2.25E-04	5.6E-08	1.7E-07	2.2E-09	2.4E-08	2.6E-08
630	459382.68, 3756411.16	0.32076	0.87399	1.92E-04	3.34E-07	1.92E-04	4.8E-08	1.4E-07	1.9E-09	2.1E-08	2.3E-08
631	459382.68, 3756441.16	0.27889	0.68062	1.67E-04	2.60E-07	1.67E-04	4.1E-08	1.2E-07	1.6E-09	1.8E-08	2.0E-08
632	459382.68, 3756471.16	0.24695	0.55094	1.48E-04	2.11E-07	1.48E-04	3.7E-08	1.1E-07	1.4E-09	1.6E-08	1.7E-08
633	459382.68, 3756501.16	0.22014	0.45423	1.32E-04	1.74E-07	1.32E-04	3.3E-08	9.8E-08	1.3E-09	1.4E-08	1.5E-08
634	459382.68, 3756531.16	0.1966	0.37732	1.18E-04	1.44E-07	1.18E-04	2.9E-08	8.8E-08	1.1E-09	1.3E-08	1.4E-08
635	458633.73, 3756194.08	1.05042	0.30706	6.29E-04	1.17E-07	6.29E-04	1.6E-07	4.7E-07	6.1E-09	6.8E-08	7.4E-08
636	458633.73, 3756224.08	0.97634	0.29211	5.84E-04	1.12E-07	5.84E-04	1.4E-07	4.4E-07	5.7E-09	6.3E-08	6.9E-08
637	458663.73, 3756164.08	1.43371	0.38379	8.58E-04	1.47E-07	8.58E-04	2.1E-07	6.4E-07	8.3E-09	9.2E-08	1.0E-07
638	458663.73, 3756194.08	1.35648	0.37175	8.12E-04	1.42E-07	8.12E-04	2.0E-07	6.1E-07	7.9E-09	8.7E-08	9.5E-08
639	458663.73, 3756224.08	1.2518	0.35288	7.49E-04	1.35E-07	7.49E-04	1.9E-07	5.6E-07	7.3E-09	8.1E-08	8.8E-08
640	458693.73, 3756164.08	1.91002	0.47209	1.14E-03	1.80E-07	1.14E-03	2.8E-07	8.5E-07	1.1E-08	1.2E-07	1.3E-07
641	458693.73, 3756194.08	1.81953	0.46386	1.09E-03	1.77E-07	1.09E-03	2.7E-07	8.1E-07	1.1E-08	1.2E-07	1.3E-07
642	458693.73, 3756224.08	1.66627	0.44072	9.97E-04	1.68E-07	9.97E-04	2.5E-07	7.4E-07	9.7E-09	1.1E-07	1.2E-07
643	458723.73, 3756194.08	2.56626	0.60174	1.54E-03	2.30E-07	1.54E-03	3.8E-07	1.1E-06	1.5E-08	1.7E-07	1.8E-07
644	458723.73, 3756224.08	2.33489	0.57715	1.40E-03	2.21E-07	1.40E-03	3.5E-07	1.0E-06	1.4E-08	1.5E-07	1.6E-07
645	458753.73, 3756224.08	3.53161	0.81321	2.11E-03	3.11E-07	2.11E-03	5.2E-07	1.6E-06	2.1E-08	2.3E-07	2.5E-07
646	458783.73, 3756224.08	6.06904	1.29738	3.63E-03	4.96E-07	3.63E-03	9.0E-07	2.7E-06	3.5E-08	3.9E-07	4.3E-07

Operational Emissions Rates

Fueling Station - TOG Emissions Factors and Annual Emissions

Emissions Source	Annual Gasoline Throughput (gallons/year)	TOG Emissions Factor (lb/1,000 gallon)[1]	TOG Annual Emissions (lbs/year)	Benzene		Ethylbenzene		Naphthalene		n-Hexane		Propylene (propene)	
				Emission Rate (lbs/hr)	Emission Rate (g/s)	Emission Rate (lbs/hr)	Emission Rate (g/s)	Emission Rate (lbs/hr)	Emission Rate (g/s)	Emission Rate (lbs/hr)	Emission Rate (g/s)	Emission Rate (lbs/hr)	Emission Rate (g/s)
	4,625,280												
Fueling (Non-ORVR Vehicles)		0.42	1,942.6	0.001013443	1.28E-04	2.37E-04	2.99E-05	9.86832E-07	1.24E-07	4.04E-03	5.09E-04	7.97005E-06	1.00E-06
Fueling (ORVR Vehicles)		0.021	97.1	5.06722E-05	6.38E-06	1.19E-05	1.49E-06	4.93416E-08	6.22E-09	2.02E-04	2.54E-05	3.98503E-07	5.02E-08
Loading (Bulk Transfer Losses)		0.15	693.8	0.000361944	4.56E-05	8.47E-05	1.07E-05	3.5244E-07	4.44E-08	1.44E-03	1.82E-04	2.84645E-06	3.59E-07
Breathing (Pressure Driven Losses)		0.024	111.0	5.7911E-05	7.30E-06	1.36E-05	1.71E-06	5.63904E-08	7.11E-09	2.31E-04	2.91E-05	4.55432E-07	5.74E-08
Hose Permeation (Gasoline Hose Losses)		0.009	41.6	2.17166E-05	2.74E-06	5.08E-06	6.41E-07	2.11464E-08	2.66E-09	8.65E-05	1.09E-05	1.70787E-07	2.15E-08
Total Transfer and Pressure Losses			*2,886.2*	0.001505687	*1.90E-04*	3.53E-04	*4.44E-05*	*1.47E-06*	*1.85E-07*	*6.00E-03*	*7.56E-04*	*1.18E-05*	*1.49E-06*
Fueling - Spillage		0.24	1,110.1	8.96E-04	1.13E-04	1.63E-03	2.06E-04	2.20E-04	2.78E-05	2.36E-03	2.97E-04	1.55E-07	1.95E-08
Total Transfer/Pressure and Spillage			**3,996.2**	**2.40E-03**	**3.03E-04**	**1.99E-03**	**2.50E-04**	**0.000221959**	**2.80E-05**	**8.35E-03**	**1.05E-03**	**1.20E-05**	**1.51E-06**

Source: CAPCOA and CARB, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance*, February 2022.

The emission factors do not reflect control technologies required by any Vapor Recovery regulations later than 2013. Regulations later than 2013 include:

- Certification Procedure for Vapor Recovery Systems for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207)
- Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities (CP-201) Amended Certification Procedure for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207)

Conversions

1 meter =	0.000621371	miles
1 day =	86400	seconds
1 hour =	3600	seconds
1 pound =	453.592	grams
1 year =	8760	hours

Substance	Average Substance Weight in Vapor	Average Substance Weight in Liquid
Benzene	0.00457	0.00707
Ethylbenzene	0.00107	0.0129
Naphthalene	0.00000445	0.00174
n-Hexane	0.0182	0.0186
Propylene (propene)	0.00003594	0.00000122

Source (Table 11): https://ww2.arb.ca.gov/sites/default/files/2022-03/Draft%202022%20Gas%20Station%20IWG%20-%20Technical%20Guidance_ADA%20Compliant.pdf

Area Source Release Height: 1 m

Operational Risk - Fueling (Benzene)

	Fueling
Emissions Rate (g/s):	3.03E-04

Discrete Receptor ID	Concentration [µg/m^3] at	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	Fueling	Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 458909.21, 3756133.18	159.418	0.0482392	1.7E-05	5.0E-05	2.9E-05	2.6E-05	1.2E-05	6.0E-08	1.4E-06	8.8E-07	7.9E-07	1.7E-07	3.3E-06
2 458909.21, 3756163.18	508.445	0.1538533	5.3E-05	1.6E-04	9.3E-05	8.4E-05	3.9E-05	1.9E-07	4.6E-06	2.8E-06	2.5E-06	5.5E-07	1.1E-05
3 458939.21, 3756103.18	61.1291	0.0184974	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.3E-08	5.5E-07	3.4E-07	3.0E-07	6.6E-08	1.3E-06
4 458939.21, 3756133.18	116.556	0.0352695	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
5 458939.21, 3756163.18	379.091	0.1147113	4.0E-05	1.2E-04	6.9E-05	6.3E-05	2.9E-05	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.9E-06
6 458969.21, 3756043.18	24.2309	0.0073322	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
7 458969.21, 3756073.18	34.5982	0.0104693	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.8E-08	7.3E-07
8 458969.21, 3756103.18	54.9522	0.0166283	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	2.1E-08	5.0E-07	3.0E-07	2.7E-07	6.0E-08	1.2E-06
9 458969.21, 3756133.18	115.62	0.0349861	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
10 458969.21, 3756163.18	408.626	0.1236486	4.3E-05	1.3E-04	7.5E-05	6.8E-05	3.1E-05	1.5E-07	3.7E-06	2.2E-06	2.0E-06	4.4E-07	8.6E-06
11 458969.21, 3756193.18	223	0.0674789	2.3E-05	7.1E-05	4.1E-05	3.7E-05	1.7E-05	8.3E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.7E-06
12 458969.21, 3756223.18	1047.39	0.316936	1.1E-04	3.3E-04	1.9E-04	1.7E-04	7.9E-05	3.9E-07	9.5E-06	5.8E-06	5.2E-06	1.1E-06	2.2E-05
13 458999.21, 3756013.18	17.1656	0.0051942	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.4E-09	1.6E-07	9.4E-08	8.5E-08	1.9E-08	3.6E-07
14 458999.21, 3756043.18	22.8645	0.0069187	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	8.6E-09	2.1E-07	1.3E-07	1.1E-07	2.5E-08	4.8E-07
15 458999.21, 3756073.18	32.71	0.0098979	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
16 458999.21, 3756103.18	55.4088	0.0167665	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	2.1E-08	5.0E-07	3.0E-07	2.8E-07	6.0E-08	1.2E-06
17 458999.21, 3756133.18	128.823	0.0389812	1.3E-05	4.1E-05	2.4E-05	2.1E-05	9.8E-06	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
18 458999.21, 3756163.18	358.224	0.1083972	3.8E-05	1.1E-04	6.6E-05	5.9E-05	2.7E-05	1.3E-07	3.2E-06	2.0E-06	1.8E-06	3.9E-07	7.5E-06
19 458999.21, 3756193.18	735.003	0.2224089	7.7E-05	2.3E-04	1.3E-04	1.2E-04	5.6E-05	2.7E-07	6.6E-06	4.0E-06	3.7E-06	8.0E-07	1.5E-05
20 458999.21, 3756223.18	613.732	0.1857128	6.4E-05	1.9E-04	1.1E-04	1.0E-04	4.6E-05	2.3E-07	5.5E-06	3.4E-06	3.1E-06	6.7E-07	1.3E-05
21 459029.21, 3755953.18	10.4671	0.0031673	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.9E-09	9.5E-08	5.7E-08	5.2E-08	1.1E-08	2.2E-07
22 459029.21, 3755983.18	12.9222	0.0039102	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	4.8E-09	1.2E-07	7.1E-08	6.4E-08	1.4E-08	2.7E-07
23 459029.21, 3756013.18	16.3991	0.0049623	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.1E-09	1.5E-07	9.0E-08	8.2E-08	1.8E-08	3.4E-07
24 459029.21, 3756043.18	21.9123	0.0066306	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
25 459029.21, 3756073.18	32.7348	0.0099054	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
26 459029.21, 3756103.18	59.9577	0.018143	6.3E-06	1.9E-05	1.1E-05	1.0E-05	4.5E-06	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.3E-06
27 459029.21, 3756133.18	133.391	0.0403637	1.4E-05	4.2E-05	2.4E-05	2.2E-05	1.0E-05	5.0E-08	1.2E-06	7.3E-07	6.6E-07	1.4E-07	2.8E-06
28 459029.21, 3756163.18	286.904	0.0868159	3.0E-05	9.1E-05	5.3E-05	4.8E-05	2.2E-05	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
29 459029.21, 3756193.18	458.897	0.1388604	4.8E-05	1.5E-04	8.4E-05	7.6E-05	3.5E-05	1.7E-07	4.1E-06	2.5E-06	2.3E-06	5.0E-07	9.6E-06
30 459029.21, 3756223.18	403.037	0.1219574	4.2E-05	1.3E-04	7.4E-05	6.7E-05	3.1E-05	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.4E-07	8.5E-06
31 459059.21, 3755923.18	8.44231	0.0025546	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.2E-09	1.8E-07
32 459059.21, 3755953.18	10.1261	0.0030641	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.0E-08	1.1E-08	2.1E-07
33 459059.21, 3755983.18	12.409	0.0037549	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	4.6E-09	1.1E-07	6.8E-08	6.2E-08	1.3E-08	2.6E-07
34 459059.21, 3756013.18	15.8257	0.0047888	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
35 459059.21, 3756043.18	21.8797	0.0066207	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
36 459059.21, 3756073.18	34.743	0.0105131	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.8E-08	7.3E-07
37 459059.21, 3756103.18	64.6959	0.0195767	6.8E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.4E-08	5.8E-07	3.6E-07	3.2E-07	7.0E-08	1.4E-06
38 459059.21, 3756133.18	127.901	0.0387025	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.7E-06	4.8E-08	1.2E-06	7.0E-07	6.4E-07	1.4E-07	2.7E-06
39 459059.21, 3756163.18	227.758	0.0689187	2.4E-05	7.2E-05	4.2E-05	3.8E-05	1.7E-05	8.5E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
40 459059.21, 3756193.18	317.08	0.0959473	3.3E-05	1.0E-04	5.8E-05	5.3E-05	2.4E-05	1.2E-07	2.9E-06	1.7E-06	1.6E-06	3.4E-07	6.6E-06
41 459059.21, 3756223.18	286.287	0.0866294	3.0E-05	9.1E-05	5.2E-05	4.8E-05	2.2E-05	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
42 459089.21, 3755863.18	6.00891	0.0018183	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
43 459089.21, 3755893.18	6.96889	0.0021088	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
44 459089.21, 3755923.18	8.17586	0.002474	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
45 459089.21, 3755953.18	9.76066	0.0029535	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.7E-09	8.8E-08	5.4E-08	4.9E-08	1.1E-08	2.0E-07
46 459089.21, 3755983.18	12.0269	0.0036393	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
47 459089.21, 3756013.18	15.739	0.0047626	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.6E-08	7.8E-08	1.7E-08	3.3E-07
48 459089.21, 3756043.18	22.7698	0.0068901	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	8.5E-09	2.1E-07	1.3E-07	1.1E-07	2.5E-08	4.8E-07
49 459089.21, 3756073.18	37.3788	0.0113107	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.4E-08	3.4E-07	2.1E-07	1.9E-07	4.1E-08	7.8E-07
50 459089.21, 3756103.18	67.0093	0.0202767	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.5E-08	6.1E-07	3.7E-07	3.3E-07	7.3E-08	1.4E-06
51 459089.21, 3756133.18	117.579	0.035579	1.2E-05	3.7E-05	2.2E-05	2.0E-05	8.9E-06	4.4E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
52 459089.21, 3756163.18	183.256	0.0554527	1.9E-05	5.8E-05	3.4E-05	3.0E-05	1.4E-05	6.9E-08	1.7E-06	1.0E-06	9.1E-07	2.0E-07	3.8E-06
53 459089.21, 3756193.18	233.981	0.0708018	2.5E-05	7.4E-05	4.3E-05	3.9E-05	1.8E-05	8.8E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
54 459089.21, 3756223.18	215.175	0.0651109	2.3E-05	6.8E-05	3.9E-05	3.6E-05	1.6E-05	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
55 459119.21, 3755833.18	5.13173	0.0015528	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.9E-09	4.6E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
56 459119.21, 3755863.18	5.86065	0.0017734	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
57 459119.21, 3755893.18	6.75791	0.0020449	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.3E-09	1.4E-07
58 459119.21, 3755923.18	7.90725	0.0023927	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.0E-09	7.1E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
59 459119.21, 3755953.18	9.49176	0.0028722	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.6E-09	8.6E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
60 459119.21, 3755983.18	11.9307	0.0036102	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.5E-09	1.1E-07	6.6E-08	5.9E-08	1.3E-08	2.5E-07
61 459119.21, 3756013.18	16.1539	0.0048881	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.0E-09	1.5E-07	8.9E-08	8.0E-08	1.8E-08	3.4E-07
62 459119.21, 3756043.18	24.1531	0.0073086	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.0E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
63 459119.21, 3756073.18	39.4948	0.011951	4.1E-06	1.2E-05	7.2E-06	6.6E-06	3.0E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.3E-07
64 459119.21, 3756103.18	66.3336	0.0200723	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06

65	459119.21, 3756133.18	105.388	0.0318899	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
66	459119.21, 3756163.18	149.935	0.0453696	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	5.6E-08	1.4E-06	8.2E-07	7.5E-07	1.6E-07	3.1E-06
67	459119.21, 3756193.18	180.854	0.0547257	1.9E-05	5.7E-05	3.3E-05	3.0E-05	1.4E-05	6.8E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
68	459119.21, 3756223.18	168.442	0.0509699	1.8E-05	5.3E-05	3.1E-05	2.8E-05	1.3E-05	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.5E-06
69	459149.21, 3755773.18	3.95961	0.0011982	4.1E-07	1.3E-06	7.2E-07	6.6E-07	3.0E-07	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
70	459149.21, 3755803.18	4.43816	0.001343	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
71	459149.21, 3755833.18	5.00574	0.0015147	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
72	459149.21, 3755863.18	5.69305	0.0017227	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
73	459149.21, 3755893.18	6.55479	0.0019835	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
74	459149.21, 3755923.18	7.70661	0.002332	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.9E-09	7.0E-08	4.2E-08	3.8E-08	8.4E-09	1.6E-07
75	459149.21, 3755953.18	9.39512	0.0028429	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.5E-09	8.5E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
76	459149.21, 3755983.18	12.1379	0.0036729	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.5E-09	1.1E-07	6.7E-08	6.0E-08	1.3E-08	2.5E-07
77	459149.21, 3756013.18	16.9469	0.0051281	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.3E-09	1.5E-07	9.3E-08	8.4E-08	1.8E-08	3.6E-07
78	459149.21, 3756043.18	25.6016	0.0077469	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
79	459149.21, 3756073.18	40.5745	0.0122777	4.3E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.5E-08	3.7E-07	2.2E-07	2.0E-07	4.4E-08	8.5E-07
80	459149.21, 3756103.18	63.6487	0.0192598	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	2.4E-08	5.8E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
81	459149.21, 3756133.18	93.521	0.0282991	9.8E-06	3.0E-05	1.7E-05	1.6E-05	7.1E-06	3.5E-08	8.5E-07	5.1E-07	4.7E-07	1.0E-07	2.0E-06
82	459149.21, 3756163.18	124.77	0.0377549	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	4.7E-08	1.1E-06	6.9E-07	6.2E-07	1.4E-07	2.6E-06
83	459149.21, 3756193.18	144.776	0.0438088	1.5E-05	4.6E-05	2.7E-05	2.4E-05	1.1E-05	5.4E-08	1.3E-06	8.0E-07	7.2E-07	1.6E-07	3.0E-06
84	459149.21, 3756223.18	136.051	0.0411685	1.4E-05	4.3E-05	2.5E-05	2.3E-05	1.0E-05	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
85	459179.21, 3755773.18	3.88061	0.0011743	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
86	459179.21, 3755803.18	4.33225	0.0013109	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
87	459179.21, 3755833.18	4.87214	0.0014743	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
88	459179.21, 3755863.18	5.53866	0.001676	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.1E-09	5.0E-08	3.0E-08	2.8E-08	6.0E-09	1.2E-07
89	459179.21, 3755893.18	6.40683	0.0019387	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.3E-07
90	459179.21, 3755923.18	7.62667	0.0023078	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
91	459179.21, 3755953.18	9.49643	0.0028736	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.6E-09	8.6E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
92	459179.21, 3755983.18	12.581	0.003807	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
93	459179.21, 3756013.18	17.8419	0.0053989	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	6.7E-09	1.6E-07	9.8E-08	8.9E-08	1.9E-08	3.7E-07
94	459179.21, 3756043.18	26.6731	0.0080712	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	1.0E-08	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.6E-07
95	459179.21, 3756073.18	40.5319	0.0122648	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.5E-08	3.7E-07	2.2E-07	2.0E-07	4.4E-08	8.5E-07
96	459179.21, 3756103.18	59.8995	0.0181254	6.3E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.3E-06
97	459179.21, 3756133.18	82.8617	0.0250736	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	3.1E-08	7.5E-07	4.6E-07	4.1E-07	9.0E-08	1.7E-06
98	459179.21, 3756163.18	105.289	0.0318601	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
99	459179.21, 3756193.18	118.981	0.0360032	1.2E-05	3.8E-05	2.2E-05	2.0E-05	9.0E-06	4.5E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
100	459179.21, 3756223.18	112.572	0.0340639	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.5E-06	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
101	459209.21, 3755803.18	4.22481	0.0012784	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
102	459209.21, 3755833.18	4.75201	0.0014379	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
103	459209.21, 3755863.18	5.42253	0.0016408	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
104	459209.21, 3755893.18	6.32953	0.0019153	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
105	459209.21, 3755923.18	7.65926	0.0023177	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
106	459209.21, 3755953.18	9.74156	0.0029478	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.6E-09	8.8E-08	5.4E-08	4.9E-08	1.1E-08	2.0E-07
107	459209.21, 3755983.18	13.1219	0.0039706	1.4E-06	4.2E-06	2.4E-06	2.2E-06	9.9E-07	4.9E-09	1.2E-07	7.2E-08	6.5E-08	1.4E-08	2.8E-07
108	459209.21, 3756013.18	18.631	0.0056377	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.0E-09	1.7E-07	1.0E-07	9.3E-08	2.0E-08	3.9E-07
109	459209.21, 3756043.18	27.2732	0.0082528	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
110	459209.21, 3756073.18	39.6983	0.0120125	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.3E-07
111	459209.21, 3756103.18	55.6698	0.0168454	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	2.1E-08	5.0E-07	3.1E-07	2.8E-07	6.0E-08	1.2E-06
112	459209.21, 3756133.18	73.5031	0.0222417	7.7E-06	2.3E-05	1.3E-05	1.2E-05	5.6E-06	2.7E-08	6.6E-07	4.0E-07	3.7E-07	8.0E-08	1.5E-06
113	459209.21, 3756163.18	89.9127	0.0272072	9.4E-06	2.8E-05	1.6E-05	1.5E-05	6.8E-06	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.8E-08	1.9E-06
114	459209.21, 3756193.18	99.4347	0.0300885	1.0E-05	3.1E-05	1.8E-05	1.7E-05	7.5E-06	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
115	459209.21, 3756223.18	94.8281	0.0286946	9.9E-06	3.0E-05	1.7E-05	1.6E-05	7.2E-06	3.5E-08	8.6E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
116	459239.21, 3755803.18	4.12832	0.0012492	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
117	459239.21, 3755833.18	4.6577	0.0014094	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
118	459239.21, 3755863.18	5.35765	0.0016212	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
119	459239.21, 3755893.18	6.33769	0.0019178	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
120	459239.21, 3755923.18	7.79804	0.0023597	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
121	459239.21, 3755953.18	10.0777	0.0030495	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.8E-09	9.1E-08	5.5E-08	5.0E-08	1.1E-08	2.1E-07
122	459239.21, 3755983.18	13.6718	0.004137	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
123	459239.21, 3756013.18	19.231	0.0058192	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.0E-07
124	459239.21, 3756043.18	27.3957	0.0082898	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
125	459239.21, 3756073.18	38.3304	0.0115986	4.0E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	1.4E-08	3.5E-07	2.1E-07	1.9E-07	4.2E-08	8.0E-07
126	459239.21, 3756103.18	51.4326	0.0155633	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	1.9E-08	4.6E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
127	459239.21, 3756133.18	65.3746	0.0197821	6.8E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.4E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
128	459239.21, 3756163.18	77.7449	0.0235253	8.1E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	2.9E-08	7.0E-07	4.3E-07	3.9E-07	8.4E-08	1.6E-06
129	459239.21, 3756193.18	85.6799	0.0259264	9.0E-06	2.7E-05	1.6E-05	1.4E-05	6.5E-06	3.2E-08	7.7E-07	4.7E-07	4.3E-07	9.3E-08	1.8E-06
130	459239.21, 3756223.18	81.1734	0.0245627	8.5E-06	2.6E-05	1.5E-05	1.3E-05	6.1E-06	3.0E-08	7.3E-07	4.5E-07	4.0E-07	8.8E-08	1.7E-06
131	459269.21, 3755833.18	4.60138	0.0013924	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
132	459269.21, 3755863.18	5.34944	0.0016187	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
133	459269.21, 3755893.18	6.42548	0.0019443	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.3E-07
134	459269.21, 3755923.18	8.03188	0.0024304	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
135	459269.21, 3755953.18	10.4801	0.0031712	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.9E-09	9.5E-08	5.8E-08	5.2E-08	1.1E-08	2.2E-07
136	459269.21, 3755983.18	14.1948	0.0042953	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
137	459269.21, 3756013.18	19.6328	0.0059408	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	7.3E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07

138	459269.21, 3756043.18	27.1228	0.0082072	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	2.9E-08	5.7E-07
139	459269.21, 3756073.18	36.5962	0.0110739	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
140	459269.21, 3756103.18	47.408	0.0143455	5.0E-06	1.5E-05	8.7E-06	7.9E-06	3.6E-06	1.8E-08	4.3E-07	2.6E-07	2.4E-07	5.1E-08	9.9E-07
141	459269.21, 3756133.18	59.2152	0.0179183	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	2.2E-08	5.4E-07	3.3E-07	2.9E-07	6.4E-08	1.2E-06
142	459269.21, 3756163.18	69.3056	0.0209716	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.2E-06	2.6E-08	6.3E-07	3.8E-07	3.5E-07	7.5E-08	1.5E-06
143	459269.21, 3756193.18	74.5938	0.0225718	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	2.8E-08	6.7E-07	4.1E-07	3.7E-07	8.1E-08	1.6E-06
144	459269.21, 3756223.18	71.1093	0.0215174	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	2.7E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
145	459299.21, 3755863.18	5.39711	0.0016331	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
146	459299.21, 3755893.18	6.57262	0.0019888	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
147	459299.21, 3755923.18	8.30959	0.0025144	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.1E-09	7.5E-08	4.6E-08	4.1E-08	9.0E-09	1.7E-07
148	459299.21, 3755953.18	10.8715	0.0032897	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.1E-09	9.8E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
149	459299.21, 3755983.18	14.5995	0.0044177	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.0E-08	7.3E-08	1.6E-08	3.1E-07
150	459299.21, 3756013.18	19.8074	0.0059936	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	7.4E-09	1.8E-07	1.1E-07	9.9E-08	2.2E-08	4.2E-07
151	459299.21, 3756043.18	26.578	0.0080424	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	9.9E-09	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.6E-07
152	459299.21, 3756073.18	34.7176	0.0105054	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.8E-08	7.3E-07
153	459299.21, 3756103.18	44.1769	0.0133677	4.6E-06	1.4E-05	8.1E-06	7.3E-06	3.3E-06	1.7E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.3E-07
154	459299.21, 3756133.18	53.6783	0.0162428	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	2.0E-08	4.9E-07	2.9E-07	2.7E-07	5.8E-08	1.1E-06
155	459299.21, 3756163.18	61.677	0.0186632	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
156	459299.21, 3756193.18	65.5984	0.0198498	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.5E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
157	459299.21, 3756223.18	62.6483	0.0189571	6.6E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.3E-08	5.7E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
158	459329.21, 3755863.18	5.4949	0.0016627	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.2E-07
159	459329.21, 3755893.18	6.76195	0.0020461	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.3E-09	1.4E-07
160	459329.21, 3755923.18	8.59339	0.0026003	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
161	459329.21, 3755953.18	11.2186	0.0033947	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
162	459329.21, 3755983.18	14.8672	0.0044987	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	5.6E-09	1.3E-07	8.2E-08	7.4E-08	1.6E-08	3.1E-07
163	459329.21, 3756013.18	19.448	0.0058849	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
164	459329.21, 3756043.18	25.6255	0.0077542	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
165	459329.21, 3756073.18	32.9111	0.0099588	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
166	459329.21, 3756103.18	40.9433	0.0123893	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.5E-08	3.7E-07	2.2E-07	2.0E-07	4.4E-08	8.6E-07
167	459329.21, 3756133.18	48.7485	0.0147511	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	1.8E-08	4.4E-07	2.7E-07	2.4E-07	5.3E-08	1.0E-06
168	459329.21, 3756163.18	55.0789	0.0166667	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	2.1E-08	5.0E-07	3.0E-07	2.7E-07	6.0E-08	1.2E-06
169	459329.21, 3756193.18	58.1336	0.017591	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.3E-08	1.2E-06
170	459329.21, 3756223.18	55.6829	0.0168494	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	2.1E-08	5.0E-07	3.1E-07	2.8E-07	6.0E-08	1.2E-06
171	459359.21, 3755893.18	6.97069	0.0021093	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
172	459359.21, 3755923.18	8.87016	0.0026841	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.3E-09	8.0E-08	4.9E-08	4.4E-08	9.6E-09	1.9E-07
173	459359.21, 3755953.18	11.5059	0.0034816	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
174	459359.21, 3755983.18	14.7008	0.0044484	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
175	459359.21, 3756013.18	19.0295	0.0057582	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
176	459359.21, 3756043.18	24.6654	0.0074637	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	9.2E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
177	459359.21, 3756073.18	31.157	0.009428	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.5E-07
178	459359.21, 3756103.18	37.97	0.0114896	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.4E-08	3.4E-07	2.1E-07	1.9E-07	4.1E-08	8.0E-07
179	459359.21, 3756133.18	44.4045	0.0134366	4.7E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	1.7E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.3E-07
180	459359.21, 3756163.18	49.4347	0.0149587	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.7E-06	1.8E-08	4.5E-07	2.7E-07	2.5E-07	5.4E-08	1.0E-06
181	459359.21, 3756193.18	51.8127	0.0156783	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.9E-08	4.7E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
182	459359.21, 3756223.18	49.8592	0.0150872	5.2E-06	1.6E-05	9.1E-06	8.3E-06	3.8E-06	1.9E-08	4.5E-07	2.7E-07	2.5E-07	5.4E-08	1.0E-06
183	459389.21, 3755923.18	9.1248	0.0027611	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
184	459389.21, 3755953.18	11.7227	0.0035472	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.5E-07
185	459389.21, 3755983.18	14.7411	0.0044606	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
186	459389.21, 3756013.18	18.6847	0.0056539	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.0E-09	1.7E-07	1.0E-07	9.3E-08	2.0E-08	3.9E-07
187	459389.21, 3756043.18	23.6908	0.0071687	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	8.9E-09	2.1E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
188	459389.21, 3756073.18	29.4398	0.0089083	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
189	459389.21, 3756103.18	35.2473	0.0106657	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.3E-08	3.2E-07	1.9E-07	1.8E-07	3.8E-08	7.4E-07
190	459389.21, 3756133.18	40.5247	0.0122626	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.5E-08	3.7E-07	2.2E-07	2.0E-07	4.4E-08	8.5E-07
191	459389.21, 3756163.18	44.5104	0.0134687	4.7E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	1.7E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.3E-07
192	459389.21, 3756193.18	46.4309	0.0140498	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.7E-08	4.2E-07	2.6E-07	2.3E-07	5.0E-08	9.7E-07
193	459389.21, 3756223.18	44.9182	0.0135921	4.7E-06	1.4E-05	8.2E-06	7.5E-06	3.4E-06	1.7E-08	4.1E-07	2.5E-07	2.2E-07	4.9E-08	9.4E-07
194	458472.27, 3755792.92	12.0609	0.0036496	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
195	458472.27, 3755822.92	13.3651	0.0040442	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.7E-08	1.5E-08	2.8E-07
196	458472.27, 3755852.92	14.739	0.00446	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
197	458472.27, 3755882.92	16.171	0.0048933	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.0E-09	1.5E-07	8.9E-08	8.1E-08	1.8E-08	3.4E-07
198	458472.27, 3755912.92	17.5926	0.0053234	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.6E-09	1.6E-07	9.7E-08	8.8E-08	1.9E-08	3.7E-07
199	458472.27, 3755942.92	18.9349	0.0057296	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.1E-09	1.7E-07	1.0E-07	9.4E-08	2.1E-08	4.0E-07
200	458472.27, 3755972.92	20.1085	0.0060847	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	7.5E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
201	458472.27, 3756002.92	20.9475	0.0063386	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	7.8E-09	1.9E-07	1.2E-07	1.0E-07	2.3E-08	4.4E-07
202	458502.27, 3755792.92	12.1957	0.0036904	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	4.6E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.6E-07
203	458502.27, 3755822.92	13.683	0.0041404	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
204	458502.27, 3755852.92	15.2665	0.0046196	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	5.7E-09	1.4E-07	8.4E-08	7.6E-08	1.7E-08	3.2E-07
205	458502.27, 3755882.92	16.951	0.0051293	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.3E-09	1.5E-07	9.3E-08	8.4E-08	1.8E-08	3.6E-07
206	458502.27, 3755912.92	18.6918	0.0056561	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.0E-09	1.7E-07	1.0E-07	9.3E-08	2.0E-08	3.9E-07
207	458502.27, 3755942.92	20.3884	0.0061694	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
208	458502.27, 3755972.92	21.9443	0.0066403	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
209	458502.27, 3756002.92	23.2005	0.0070204	2.4E-06	7.3E-06	4.2E-06	3.9E-06	1.8E-06	8.7E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
210	458502.27, 3756032.92	23.9287	0.0072407	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.0E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07

211 458532.27, 3755792.92	12.1929	0.0036895	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	4.6E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.6E-07
212 458532.27, 3755822.92	13.8614	0.0041944	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.2E-09	1.3E-07	7.6E-08	6.9E-08	1.5E-08	2.9E-07
213 458532.27, 3755852.92	15.6849	0.0047462	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.6E-08	7.8E-08	1.7E-08	3.3E-07
214 458532.27, 3755882.92	17.6424	0.0053385	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.6E-09	1.6E-07	9.7E-08	8.8E-08	1.9E-08	3.7E-07
215 458532.27, 3755912.92	19.7348	0.0059717	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
216 458532.27, 3755942.92	21.8674	0.006617	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
217 458532.27, 3755972.92	23.9061	0.0072339	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	8.9E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
218 458532.27, 3756002.92	25.6928	0.0077745	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
219 458532.27, 3756032.92	26.9457	0.0081536	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.0E-08	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.7E-07
220 458562.27, 3755792.92	12.0371	0.0036424	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
221 458562.27, 3755822.92	13.8606	0.0041942	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.2E-09	1.3E-07	7.6E-08	6.9E-08	1.5E-08	2.9E-07
222 458562.27, 3755852.92	15.9246	0.0048187	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.0E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
223 458562.27, 3755882.92	18.1955	0.0055059	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	6.8E-09	1.6E-07	1.0E-07	9.1E-08	2.0E-08	3.8E-07
224 458562.27, 3755912.92	20.6658	0.0062534	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	7.7E-09	1.9E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
225 458562.27, 3755942.92	23.3057	0.0070522	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	8.7E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
226 458562.27, 3755972.92	25.9604	0.0078555	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	9.7E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
227 458562.27, 3756002.92	28.4121	0.0085974	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
228 458562.27, 3756032.92	30.3814	0.0091933	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	1.1E-08	2.7E-07	1.7E-07	1.5E-07	3.3E-08	6.4E-07
229 458562.27, 3756062.92	31.4412	0.009514	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
230 458592.27, 3755792.92	11.7131	0.0035443	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.5E-07
231 458592.27, 3755822.92	13.6565	0.0041324	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
232 458592.27, 3755852.92	15.9262	0.0048192	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.0E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
233 458592.27, 3755882.92	18.5136	0.0056021	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.9E-09	1.7E-07	1.0E-07	9.2E-08	2.0E-08	3.9E-07
234 458592.27, 3755912.92	21.4148	0.00648	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
235 458592.27, 3755942.92	24.6125	0.0074476	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	9.2E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
236 458592.27, 3755972.92	28.0024	0.0084734	2.9E-06	8.9E-06	5.1E-06	4.6E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.9E-07
237 458592.27, 3756002.92	31.3365	0.0094823	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
238 458592.27, 3756032.92	34.2586	0.0103665	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.7E-08	7.2E-07
239 458592.27, 3756062.92	36.2484	0.0109686	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	3.9E-08	7.6E-07
240 458622.27, 3755792.92	11.2229	0.003396	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
241 458622.27, 3755822.92	13.2344	0.0040047	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
242 458622.27, 3755852.92	15.6522	0.0047363	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.6E-08	7.8E-08	1.7E-08	3.3E-07
243 458622.27, 3755882.92	18.5305	0.0056073	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.9E-09	1.7E-07	1.0E-07	9.2E-08	2.0E-08	3.9E-07
244 458622.27, 3755912.92	21.8781	0.0066202	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
245 458622.27, 3755942.92	25.6745	0.007769	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
246 458622.27, 3755972.92	29.8963	0.0090465	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.3E-07
247 458622.27, 3756002.92	34.3362	0.01039	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.7E-08	7.2E-07
248 458622.27, 3756032.92	38.5507	0.0116653	4.0E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.4E-08	3.5E-07	2.1E-07	1.9E-07	4.2E-08	8.1E-07
249 458622.27, 3756062.92	41.9065	0.0126807	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.6E-08	3.8E-07	2.3E-07	2.1E-07	4.6E-08	8.8E-07
250 458622.27, 3756092.92	43.5304	0.0131721	4.6E-06	1.4E-05	8.0E-06	7.2E-06	3.3E-06	1.6E-08	3.9E-07	2.4E-07	2.2E-07	4.7E-08	9.1E-07
251 458652.27, 3755792.92	10.6002	0.0032076	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
252 458652.27, 3755822.92	12.6098	0.0038157	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
253 458652.27, 3755852.92	15.1021	0.0045698	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.6E-09	1.4E-07	8.3E-08	7.5E-08	1.6E-08	3.2E-07
254 458652.27, 3755882.92	18.1783	0.0055007	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.8E-09	1.6E-07	1.0E-07	9.1E-08	2.0E-08	3.8E-07
255 458652.27, 3755912.92	21.9103	0.00663	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
256 458652.27, 3755942.92	26.3303	0.0079675	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	9.9E-09	2.4E-07	1.4E-07	1.3E-07	2.9E-08	5.5E-07
257 458652.27, 3755972.92	31.4548	0.0095181	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
258 458652.27, 3756002.92	37.1954	0.0112552	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.4E-08	3.4E-07	2.0E-07	1.9E-07	4.0E-08	7.8E-07
259 458652.27, 3756032.92	43.1519	0.0130576	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.6E-08	3.9E-07	2.4E-07	2.1E-07	4.7E-08	9.0E-07
260 458652.27, 3756062.92	48.5027	0.0146767	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	1.8E-08	4.4E-07	2.7E-07	2.4E-07	5.3E-08	1.0E-06
261 458652.27, 3756092.92	52.0012	0.0157353	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.9E-08	4.7E-07	2.9E-07	2.6E-07	5.6E-08	1.1E-06
262 458652.27, 3756122.92	52.4659	0.015876	5.5E-06	1.7E-05	9.6E-06	8.7E-06	4.0E-06	2.0E-08	4.7E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
263 458682.27, 3755792.92	9.91019	0.0029988	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.7E-09	9.0E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
264 458682.27, 3755822.92	11.8419	0.0035833	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
265 458682.27, 3755852.92	14.3014	0.0043275	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.4E-09	1.3E-07	7.9E-08	7.1E-08	1.6E-08	3.0E-07
266 458682.27, 3755882.92	17.4314	0.0052747	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.5E-09	1.6E-07	9.6E-08	8.7E-08	1.9E-08	3.7E-07
267 458682.27, 3755912.92	21.4201	0.0064816	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
268 458682.27, 3755942.92	26.3767	0.0079815	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	9.9E-09	2.4E-07	1.4E-07	1.3E-07	2.9E-08	5.5E-07
269 458682.27, 3755972.92	32.4443	0.0098175	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.8E-07
270 458682.27, 3756002.92	39.6811	0.0120073	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.3E-07
271 458682.27, 3756032.92	47.8107	0.0144673	5.0E-06	1.5E-05	8.8E-06	7.9E-06	3.6E-06	1.8E-08	4.3E-07	2.6E-07	2.4E-07	5.2E-08	1.0E-06
272 458682.27, 3756062.92	55.988	0.0169417	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.1E-08	1.2E-06
273 458682.27, 3756092.92	62.5138	0.0189164	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
274 458682.27, 3756122.92	65.2184	0.0197348	6.8E-06	2.1E-05	1.2E-05	1.1E-05	4.9E-06	2.4E-08	5.9E-07	3.6E-07	3.2E-07	7.1E-08	1.4E-06
275 458712.27, 3755792.92	9.20653	0.0027859	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.4E-09	8.3E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
276 458712.27, 3755822.92	10.9911	0.0033259	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.1E-09	9.9E-08	6.0E-08	5.5E-08	1.2E-08	2.3E-07
277 458712.27, 3755852.92	13.3074	0.0040268	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
278 458712.27, 3755882.92	16.3549	0.0049489	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.1E-09	1.5E-07	9.0E-08	8.1E-08	1.8E-08	3.4E-07
279 458712.27, 3755912.92	20.393	0.0061708	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
280 458712.27, 3755942.92	25.6719	0.0077682	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
281 458712.27, 3755972.92	32.5145	0.0098388	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.8E-07
282 458712.27, 3756002.92	41.2655	0.0124868	4.3E-06	1.3E-05	7.6E-06	6.8E-06	3.1E-06	1.5E-08	3.7E-07	2.3E-07	2.1E-07	4.5E-08	8.7E-07
283 458712.27, 3756032.92	51.9158	0.0157095	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.9E-08	4.7E-07	2.9E-07	2.6E-07	5.6E-08	1.1E-06

284 458712.27, 3756062.92	63.8832	0.0193308	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	2.4E-08	5.8E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
285 458712.27, 3756092.92	75.2596	0.0227732	7.9E-06	2.4E-05	1.4E-05	1.2E-05	5.7E-06	2.8E-08	6.8E-07	4.1E-07	3.7E-07	8.2E-08	1.6E-06
286 458712.27, 3756122.92	82.4753	0.0249567	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	3.1E-08	7.5E-07	4.5E-07	4.1E-07	9.0E-08	1.7E-06
287 458712.27, 3756152.92	82.3878	0.0249302	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	3.1E-08	7.4E-07	4.5E-07	4.1E-07	8.9E-08	1.7E-06
288 458742.27, 3755792.92	8.53107	0.0025815	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.3E-09	1.8E-07
289 458742.27, 3755822.92	10.1418	0.0030689	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.0E-08	1.1E-08	2.1E-07
290 458742.27, 3755852.92	12.2547	0.0037082	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	4.6E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.6E-07
291 458742.27, 3755882.92	15.0779	0.0045625	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.6E-09	1.4E-07	8.3E-08	7.5E-08	1.6E-08	3.2E-07
292 458742.27, 3755912.92	18.9319	0.0057287	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.1E-09	1.7E-07	1.0E-07	9.4E-08	2.1E-08	4.0E-07
293 458742.27, 3755942.92	24.2143	0.0073271	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
294 458742.27, 3755972.92	31.4294	0.0095104	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
295 458742.27, 3756002.92	41.3246	0.0125046	4.3E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.5E-08	3.7E-07	2.3E-07	2.1E-07	4.5E-08	8.7E-07
296 458742.27, 3756032.92	54.5655	0.0165113	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.1E-06	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.9E-08	1.1E-06
297 458742.27, 3756062.92	71.2706	0.0215662	7.5E-06	2.3E-05	1.3E-05	1.2E-05	5.4E-06	2.7E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
298 458742.27, 3756092.92	90.0788	0.0272575	9.4E-06	2.8E-05	1.6E-05	1.5E-05	6.8E-06	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.8E-08	1.9E-06
299 458742.27, 3756122.92	105.906	0.0320468	1.1E-05	3.3E-05	1.9E-05	1.8E-05	8.0E-06	4.0E-08	9.6E-07	5.8E-07	5.3E-07	1.2E-07	2.2E-06
300 458742.27, 3756152.92	111.071	0.0336097	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.4E-06	4.2E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
301 458742.27, 3756182.92	105.213	0.0318371	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
302 458772.27, 3755792.92	7.90654	0.0023925	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.0E-09	7.1E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
303 458772.27, 3755822.92	9.34549	0.0028279	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.5E-09	8.4E-08	5.1E-08	4.7E-08	1.0E-08	2.0E-07
304 458772.27, 3755852.92	11.228	0.0033975	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
305 458772.27, 3755882.92	13.75	0.0041607	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.1E-09	1.2E-07	7.6E-08	6.8E-08	1.5E-08	2.9E-07
306 458772.27, 3755912.92	17.2389	0.0052164	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.4E-09	1.6E-07	9.5E-08	8.6E-08	1.9E-08	3.6E-07
307 458772.27, 3755942.92	22.1733	0.0067095	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	8.3E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
308 458772.27, 3755972.92	29.2522	0.0088516	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.1E-08	2.6E-07	1.6E-07	1.5E-07	3.2E-08	6.1E-07
309 458772.27, 3756002.92	39.5487	0.0119673	4.1E-06	1.3E-05	7.2E-06	6.6E-06	3.0E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.3E-07
310 458772.27, 3756032.92	54.6782	0.0165454	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.1E-06	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.9E-08	1.1E-06
311 458772.27, 3756062.92	76.2995	0.0230879	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	2.9E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
312 458772.27, 3756092.92	105.087	0.0317988	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
313 458772.27, 3756122.92	136.661	0.0413531	1.4E-05	4.3E-05	2.5E-05	2.3E-05	1.0E-05	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
314 458772.27, 3756152.92	156.491	0.0473534	1.6E-05	4.9E-05	2.9E-05	2.6E-05	1.2E-05	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
315 458772.27, 3756182.92	152.693	0.0462044	1.6E-05	4.8E-05	2.8E-05	2.5E-05	1.2E-05	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
316 458802.27, 3755792.92	7.32737	0.0022172	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.7E-09	6.6E-08	4.0E-08	3.6E-08	8.0E-09	1.5E-07
317 458802.27, 3755822.92	8.60674	0.0026044	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
318 458802.27, 3755852.92	10.2686	0.0031072	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	3.8E-09	9.3E-08	5.6E-08	5.1E-08	1.1E-08	2.2E-07
319 458802.27, 3755882.92	12.4797	0.0037763	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.5E-07	4.7E-09	1.1E-07	6.9E-08	6.2E-08	1.4E-08	2.6E-07
320 458802.27, 3755912.92	15.5255	0.004698	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.3E-07
321 458802.27, 3755942.92	19.881	0.0060159	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	7.4E-09	1.8E-07	1.1E-07	9.9E-08	2.2E-08	4.2E-07
322 458802.27, 3755972.92	26.3064	0.0079602	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	9.8E-09	2.4E-07	1.4E-07	1.3E-07	2.9E-08	5.5E-07
323 458802.27, 3756002.92	36.0752	0.0109162	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.3E-08	3.3E-07	2.0E-07	1.8E-07	3.9E-08	7.6E-07
324 458802.27, 3756032.92	51.5019	0.0155843	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	1.9E-08	4.7E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
325 458802.27, 3756062.92	76.4487	0.0231331	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	2.9E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
326 458802.27, 3756092.92	115.961	0.0350894	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
327 458802.27, 3756122.92	172.887	0.0523149	1.8E-05	5.5E-05	3.2E-05	2.9E-05	1.3E-05	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
328 458802.27, 3756152.92	230.961	0.0698878	2.4E-05	7.3E-05	4.2E-05	3.8E-05	1.7E-05	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
329 458802.27, 3756182.92	244.479	0.0739784	2.6E-05	7.7E-05	4.5E-05	4.1E-05	1.9E-05	9.1E-08	2.2E-06	1.3E-06	1.2E-06	2.7E-07	5.1E-06
330 458802.27, 3756212.92	214.208	0.0648186	2.2E-05	6.8E-05	3.9E-05	3.6E-05	1.6E-05	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
331 458832.27, 3755792.92	6.76753	0.0020478	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.3E-09	1.4E-07
332 458832.27, 3755822.92	7.89907	0.0023902	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.0E-09	7.1E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
333 458832.27, 3755852.92	9.35922	0.0028321	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.5E-09	8.5E-08	5.1E-08	4.7E-08	1.0E-08	2.0E-07
334 458832.27, 3755882.92	11.2851	0.0034148	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
335 458832.27, 3755912.92	13.9011	0.0042064	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.2E-09	1.3E-07	7.6E-08	6.9E-08	1.5E-08	2.9E-07
336 458832.27, 3755942.92	17.6087	0.0053283	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.6E-09	1.6E-07	9.7E-08	8.8E-08	1.9E-08	3.7E-07
337 458832.27, 3755972.92	23.0841	0.0069852	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	8.6E-09	2.1E-07	1.3E-07	1.1E-07	2.5E-08	4.8E-07
338 458832.27, 3756002.92	31.565	0.0095514	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.2E-08	2.9E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
339 458832.27, 3756032.92	45.4946	0.0137665	4.8E-06	1.4E-05	8.3E-06	7.6E-06	3.4E-06	1.7E-08	4.1E-07	2.5E-07	2.3E-07	4.9E-08	9.5E-07
340 458832.27, 3756062.92	70.0978	0.0212113	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.3E-06	2.6E-08	6.3E-07	3.9E-07	3.5E-07	7.6E-08	1.5E-06
341 458832.27, 3756092.92	115.993	0.0350991	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
342 458832.27, 3756122.92	203.032	0.0614367	2.1E-05	6.4E-05	3.7E-05	3.4E-05	1.5E-05	7.6E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
343 458832.27, 3756152.92	346.865	0.10496	3.6E-05	1.1E-04	6.4E-05	5.8E-05	2.6E-05	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.8E-07	7.3E-06
344 458832.27, 3756182.92	454.75	0.1376055	4.8E-05	1.4E-04	8.3E-05	7.5E-05	3.4E-05	1.7E-07	4.1E-06	2.5E-06	2.3E-06	4.9E-07	9.5E-06
345 458862.27, 3755792.92	6.20633	0.001878	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
346 458862.27, 3755822.92	7.19863	0.0021783	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
347 458862.27, 3755852.92	8.46738	0.0025622	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
348 458862.27, 3755882.92	10.1273	0.0030645	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.0E-08	1.1E-08	2.1E-07
349 458862.27, 3755912.92	12.3522	0.0037377	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	4.6E-09	1.1E-07	6.8E-08	6.2E-08	1.3E-08	2.6E-07
350 458862.27, 3755942.92	15.4406	0.0046723	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
351 458862.27, 3755972.92	19.9415	0.0060342	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	7.5E-09	1.8E-07	1.1E-07	9.9E-08	2.2E-08	4.2E-07
352 458862.27, 3756002.92	26.8455	0.0081234	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.0E-08	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.6E-07
353 458862.27, 3756032.92	38.1826	0.0115539	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.4E-08	3.5E-07	2.1E-07	1.9E-07	4.1E-08	8.0E-07
354 458862.27, 3756062.92	58.7508	0.0177777	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.4E-06	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.4E-08	1.2E-06
355 458862.27, 3756092.92	100.879	0.0305257	1.1E-05	3.2E-05	1.8E-05	1.7E-05	7.6E-06	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
356 458862.27, 3756122.92	199.878	0.0604822	2.1E-05	6.3E-05	3.7E-05	3.3E-05	1.5E-05	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06

357 458862.27, 3756152.92	465.143	0.1407503	4.9E-05	1.5E-04	8.5E-05	7.7E-05	3.5E-05	1.7E-07	4.2E-06	2.6E-06	2.3E-06	5.1E-07	9.8E-06
358 458892.27, 3755792.92	5.6546	0.0017111	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
359 458892.27, 3755822.92	6.51704	0.001972	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.1E-09	1.4E-07
360 458892.27, 3755852.92	7.60589	0.0023015	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
361 458892.27, 3755882.92	9.01552	0.0027281	9.4E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.4E-09	8.1E-08	5.0E-08	4.5E-08	9.8E-09	1.9E-07
362 458892.27, 3755912.92	10.8821	0.0032929	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.1E-09	9.8E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
363 458892.27, 3755942.92	13.4259	0.0040626	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.4E-08	6.7E-08	1.5E-08	2.8E-07
364 458892.27, 3755972.92	17.0419	0.0051568	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.4E-09	1.5E-07	9.4E-08	8.5E-08	1.9E-08	3.6E-07
365 458892.27, 3756002.92	22.4462	0.0067921	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	8.4E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.7E-07
366 458892.27, 3756032.92	31.0744	0.009403	3.3E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.5E-07	3.4E-08	6.5E-07
367 458892.27, 3756062.92	46.2017	0.0139804	4.8E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.7E-08	4.2E-07	2.5E-07	2.3E-07	5.0E-08	9.7E-07
368 458892.27, 3756092.92	76.4636	0.0231376	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	2.9E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
369 458922.27, 3755792.92	5.16075	0.0015616	5.4E-07	1.6E-06	9.4E-07	8.6E-07	3.9E-07	1.9E-09	4.7E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
370 458922.27, 3755822.92	5.91407	0.0017896	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
371 458922.27, 3755852.92	6.85641	0.0020747	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.4E-09	1.4E-07
372 458922.27, 3755882.92	8.05986	0.0024389	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.8E-09	1.7E-07
373 458922.27, 3755912.92	9.63659	0.002916	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.6E-09	8.7E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
374 458922.27, 3755942.92	11.756	0.0035573	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
375 458922.27, 3755972.92	14.7019	0.0044487	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
376 458922.27, 3756002.92	18.9975	0.0057486	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
377 458922.27, 3756032.92	25.6231	0.0077535	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
378 458922.27, 3756062.92	36.6867	0.0111012	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
379 458952.27, 3755792.92	4.78323	0.0014474	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
380 458952.27, 3755822.92	5.46529	0.0016538	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
381 458952.27, 3755852.92	6.3141	0.0019106	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.4E-09	5.7E-08	3.5E-08	3.1E-08	6.9E-09	1.3E-07
382 458952.27, 3755882.92	7.3924	0.0022369	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.0E-09	1.6E-07
383 458952.27, 3755912.92	8.7972	0.002662	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.3E-09	7.9E-08	4.8E-08	4.4E-08	9.6E-09	1.8E-07
384 458952.27, 3755942.92	10.6738	0.0032299	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.0E-09	9.6E-08	5.9E-08	5.3E-08	1.2E-08	2.2E-07
385 458952.27, 3755972.92	13.2639	0.0040136	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
386 458952.27, 3756002.92	16.9906	0.0051413	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.4E-09	1.5E-07	9.3E-08	8.5E-08	1.8E-08	3.6E-07
387 458982.27, 3755792.92	4.55096	0.0013771	4.8E-07	1.4E-06	8.3E-07	7.6E-07	3.4E-07	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
388 458982.27, 3755822.92	5.20031	0.0015736	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.9E-09	4.7E-08	2.9E-08	2.6E-08	5.6E-09	1.1E-07
389 458982.27, 3755852.92	6.0104	0.0018187	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
390 458982.27, 3755882.92	7.03831	0.0021298	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
391 458982.27, 3755912.92	8.37489	0.0025342	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
392 458982.27, 3755942.92	10.155	0.0030729	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
393 458982.27, 3755972.92	12.5965	0.0038117	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
394 459012.27, 3755792.92	4.44594	0.0013453	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
395 459012.27, 3755822.92	5.08741	0.0015394	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
396 459012.27, 3755852.92	5.88632	0.0017812	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
397 459012.27, 3755882.92	6.89637	0.0020868	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
398 459012.27, 3755912.92	8.19792	0.0024807	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
399 459042.27, 3755792.92	4.41644	0.0013364	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
400 459042.27, 3755822.92	5.05183	0.0015287	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
401 459042.27, 3755852.92	5.83632	0.001766	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
402 459042.27, 3755882.92	6.81803	0.0020631	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.6E-09	6.2E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
403 459072.27, 3755792.92	4.40456	0.0013328	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
404 459072.27, 3755822.92	5.02329	0.00152	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
405 459102.27, 3755792.92	4.37414	0.0013236	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
406 458632.68, 3756291.16	31.2997	0.0094712	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
407 458632.68, 3756321.16	27.5917	0.0083491	2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
408 458632.68, 3756351.16	24.3893	0.0073801	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
409 458632.68, 3756381.16	21.4988	0.0065054	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
410 458662.68, 3756291.16	36.6345	0.0110854	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
411 458662.68, 3756321.16	31.7897	0.0096194	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.2E-08	2.9E-07	1.7E-07	1.6E-07	3.5E-08	6.7E-07
412 458662.68, 3756351.16	27.6093	0.0083544	2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
413 458662.68, 3756381.16	23.8115	0.0072053	2.5E-06	7.5E-06	4.4E-06	4.0E-06	1.8E-06	8.9E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
414 458662.68, 3756411.16	20.3598	0.0061608	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
415 458662.68, 3756441.16	17.3532	0.005251	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.5E-09	1.6E-07	9.5E-08	8.6E-08	1.9E-08	3.6E-07
416 458662.68, 3756471.16	14.823	0.0044854	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.4E-08	1.6E-08	3.1E-07
417 458662.68, 3756501.16	12.7249	0.0038505	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.8E-09	1.1E-07	7.0E-08	6.3E-08	1.4E-08	2.7E-07
418 458662.68, 3756531.16	10.9871	0.0033247	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.1E-09	9.9E-08	6.0E-08	5.5E-08	1.2E-08	2.3E-07
419 458692.68, 3756291.16	43.4501	0.0131478	4.6E-06	1.4E-05	8.0E-06	7.2E-06	3.3E-06	1.6E-08	3.9E-07	2.4E-07	2.2E-07	4.7E-08	9.1E-07
420 458692.68, 3756321.16	36.9233	0.0111729	3.9E-06	1.2E-05	6.8E-06	6.1E-06	2.8E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
421 458692.68, 3756351.16	31.2632	0.0094601	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
422 458692.68, 3756381.16	26.2146	0.0079324	2.7E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	9.8E-09	2.4E-07	1.4E-07	1.3E-07	2.8E-08	5.5E-07
423 458692.68, 3756411.16	21.8662	0.0066166	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
424 458692.68, 3756441.16	18.2801	0.0055315	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	6.8E-09	1.7E-07	1.0E-07	9.1E-08	2.0E-08	3.8E-07
425 458692.68, 3756471.16	15.3741	0.0046521	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.8E-09	1.4E-07	8.4E-08	7.7E-08	1.7E-08	3.2E-07
426 458692.68, 3756501.16	13.0279	0.0039422	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.9E-09	1.2E-07	7.2E-08	6.5E-08	1.4E-08	2.7E-07
427 458692.68, 3756531.16	11.1336	0.003369	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.2E-09	1.0E-07	6.1E-08	5.5E-08	1.2E-08	2.3E-07
428 458722.68, 3756291.16	52.3546	0.0158423	5.5E-06	1.7E-05	9.6E-06	8.7E-06	4.0E-06	2.0E-08	4.7E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
429 458722.68, 3756321.16	43.159	0.0130597	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.6E-08	3.9E-07	2.4E-07	2.1E-07	4.7E-08	9.0E-07

430 458722.68, 3756351.16	35.251	0.0106668	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.3E-08	3.2E-07	1.9E-07	1.8E-07	3.8E-08	7.4E-07
431 458722.68, 3756381.16	28.5764	0.0086471	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
432 458722.68, 3756411.16	23.2139	0.0070244	2.4E-06	7.3E-06	4.3E-06	3.9E-06	1.8E-06	8.7E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
433 458722.68, 3756441.16	19.011	0.0057527	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
434 458722.68, 3756471.16	15.7363	0.0047617	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.6E-08	7.8E-08	1.7E-08	3.3E-07
435 458722.68, 3756501.16	13.1834	0.0039893	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.9E-09	1.2E-07	7.2E-08	6.6E-08	1.4E-08	2.8E-07
436 458722.68, 3756531.16	11.1878	0.0033854	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
437 458752.68, 3756291.16	64.0621	0.0193849	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.3E-06
438 458752.68, 3756321.16	50.3962	0.0152497	5.3E-06	1.6E-05	9.2E-06	8.4E-06	3.8E-06	1.9E-08	4.6E-07	2.8E-07	2.5E-07	5.5E-08	1.1E-06
439 458752.68, 3756351.16	39.2604	0.01188	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.5E-08	3.5E-07	2.2E-07	2.0E-07	4.3E-08	8.2E-07
440 458752.68, 3756381.16	30.6518	0.0092751	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.1E-08	2.8E-07	1.7E-07	1.5E-07	3.3E-08	6.4E-07
441 458752.68, 3756411.16	24.2176	0.0073281	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
442 458752.68, 3756441.16	19.4448	0.0058839	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
443 458752.68, 3756471.16	15.8944	0.0048096	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
444 458752.68, 3756501.16	13.2339	0.0040045	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
445 458752.68, 3756531.16	11.2109	0.0033924	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
446 458782.68, 3756291.16	79.0868	0.0239313	8.3E-06	2.5E-05	1.4E-05	1.3E-05	6.0E-06	3.0E-08	7.1E-07	4.3E-07	3.9E-07	8.6E-08	1.7E-06
447 458782.68, 3756321.16	58.045	0.0175642	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.2E-08	5.2E-07	3.2E-07	2.9E-07	6.3E-08	1.2E-06
448 458782.68, 3756351.16	42.7318	0.0129305	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.6E-08	3.9E-07	2.3E-07	2.1E-07	4.6E-08	9.0E-07
449 458782.68, 3756381.16	32.0854	0.0097089	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.7E-07
450 458782.68, 3756411.16	24.7358	0.007485	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	9.3E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
451 458782.68, 3756441.16	19.6048	0.0059323	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	7.3E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
452 458782.68, 3756471.16	15.9511	0.0048267	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.0E-09	1.4E-07	8.8E-08	7.9E-08	1.7E-08	3.3E-07
453 458782.68, 3756501.16	13.2787	0.0040181	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
454 458782.68, 3756531.16	11.2662	0.0034091	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
455 458812.68, 3756291.16	96.5071	0.0292027	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	3.6E-08	8.7E-07	5.3E-07	4.8E-07	1.0E-07	2.0E-06
456 458812.68, 3756321.16	64.5789	0.0195413	6.8E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.4E-06
457 458812.68, 3756351.16	44.8841	0.0135817	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.7E-08	4.1E-07	2.5E-07	2.2E-07	4.9E-08	9.4E-07
458 458812.68, 3756381.16	32.7001	0.0098949	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
459 458812.68, 3756411.16	24.9033	0.0075356	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	9.3E-09	2.3E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
460 458812.68, 3756441.16	19.6868	0.0059572	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
461 458812.68, 3756471.16	16.031	0.0048509	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.0E-09	1.4E-07	8.8E-08	8.0E-08	1.7E-08	3.4E-07
462 458812.68, 3756501.16	13.3591	0.0040424	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.7E-08	1.5E-08	2.8E-07
463 458812.68, 3756531.16	11.3356	0.0034301	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
464 458842.68, 3756291.16	111.473	0.0337311	1.2E-05	3.5E-05	2.0E-05	1.9E-05	8.4E-06	4.2E-08	1.0E-06	6.1E-07	5.6E-07	1.2E-07	2.3E-06
465 458842.68, 3756321.16	68.04	0.0205886	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
466 458842.68, 3756351.16	45.6012	0.0137987	4.8E-06	1.4E-05	8.3E-06	7.6E-06	3.5E-06	1.7E-08	4.1E-07	2.5E-07	2.3E-07	5.0E-08	9.6E-07
467 458842.68, 3756381.16	32.8819	0.0099499	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
468 458842.68, 3756411.16	25.005	0.0075664	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	9.4E-09	2.3E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
469 458842.68, 3756441.16	19.7712	0.0059827	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
470 458842.68, 3756471.16	16.0805	0.0048659	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.0E-09	1.5E-07	8.8E-08	8.0E-08	1.7E-08	3.4E-07
471 458842.68, 3756501.16	13.3734	0.0040467	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.3E-08	6.7E-08	1.5E-08	2.8E-07
472 458842.68, 3756531.16	11.3196	0.0034253	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
473 458872.68, 3756291.16	117.474	0.0355471	1.2E-05	3.7E-05	2.2E-05	1.9E-05	8.9E-06	4.4E-08	1.1E-06	6.5E-07	5.8E-07	1.3E-07	2.5E-06
474 458872.68, 3756321.16	68.6628	0.0207771	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.5E-08	1.4E-06
475 458872.68, 3756351.16	45.6217	0.013805	4.8E-06	1.4E-05	8.4E-06	7.6E-06	3.5E-06	1.7E-08	4.1E-07	2.5E-07	2.3E-07	5.0E-08	9.6E-07
476 458872.68, 3756381.16	32.8099	0.0099281	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
477 458872.68, 3756411.16	24.8895	0.0075315	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	9.3E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
478 458872.68, 3756441.16	19.6229	0.0059378	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	7.3E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
479 458872.68, 3756471.16	15.9071	0.0048134	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.0E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
480 458872.68, 3756501.16	13.198	0.0039937	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.9E-09	1.2E-07	7.2E-08	6.6E-08	1.4E-08	2.8E-07
481 458872.68, 3756531.16	11.1507	0.0033742	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.4E-07	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
482 458902.68, 3756291.16	113.741	0.0344175	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.6E-06	4.3E-08	1.0E-06	6.2E-07	5.7E-07	1.2E-07	2.4E-06
483 458902.68, 3756321.16	66.4164	0.0200973	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
484 458902.68, 3756351.16	44.1696	0.0133655	4.6E-06	1.4E-05	8.1E-06	7.3E-06	3.3E-06	1.7E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.3E-07
485 458902.68, 3756381.16	31.7895	0.0096194	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.2E-08	2.9E-07	1.7E-07	1.6E-07	3.5E-08	6.7E-07
486 458902.68, 3756411.16	24.1295	0.0073015	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.0E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
487 458902.68, 3756441.16	19.0288	0.005758	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
488 458902.68, 3756471.16	15.443	0.004673	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
489 458902.68, 3756501.16	12.8233	0.0038803	1.3E-06	4.1E-06	2.3E-06	2.1E-06	9.7E-07	4.8E-09	1.2E-07	7.0E-08	6.4E-08	1.4E-08	2.7E-07
490 458902.68, 3756531.16	10.8432	0.0032811	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.1E-09	9.8E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
491 458932.68, 3756291.16	100.148	0.0303043	1.0E-05	3.2E-05	1.8E-05	1.7E-05	7.6E-06	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
492 458932.68, 3756321.16	59.6259	0.0180426	6.2E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.3E-06
493 458932.68, 3756351.16	40.3734	0.0122168	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.4E-08	8.5E-07
494 458932.68, 3756381.16	29.4868	0.0089226	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
495 458932.68, 3756411.16	22.6401	0.0068508	2.4E-06	7.2E-06	4.1E-06	3.8E-06	1.7E-06	8.5E-09	2.0E-07	1.2E-07	1.1E-07	2.5E-08	4.7E-07
496 458932.68, 3756441.16	18.0137	0.0054509	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.7E-09	1.6E-07	9.9E-08	9.0E-08	2.0E-08	3.8E-07
497 458932.68, 3756471.16	14.7249	0.0044557	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
498 458932.68, 3756501.16	12.2901	0.0037189	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	4.6E-09	1.1E-07	6.8E-08	6.1E-08	1.3E-08	2.6E-07
499 458932.68, 3756531.16	10.4365	0.003158	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.9E-09	9.4E-08	5.7E-08	5.2E-08	1.1E-08	2.2E-07
500 458962.68, 3756291.16	90.5851	0.0274107	9.5E-06	2.9E-05	1.7E-05	1.5E-05	6.9E-06	3.4E-08	8.2E-07	5.0E-07	4.5E-07	9.8E-08	1.9E-06
501 458962.68, 3756321.16	53.8149	0.0162842	5.6E-06	1.7E-05	9.9E-06	8.9E-06	4.1E-06	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.8E-08	1.1E-06
502 458962.68, 3756351.16	36.4128	0.0110184	3.8E-06	1.2E-05	6.7E-06	6.0E-06	2.8E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.6E-07

503 458962.68, 3756381.16	26.757	0.0080966	2.8E-06	8.5E-06	4.9E-06	4.4E-06	2.0E-06	1.0E-08	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.6E-07
504 458962.68, 3756411.16	20.7511	0.0062792	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	7.8E-09	1.9E-07	1.1E-07	1.0E-07	2.3E-08	4.4E-07
505 458962.68, 3756441.16	16.6989	0.005053	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.2E-09	1.5E-07	9.2E-08	8.3E-08	1.8E-08	3.5E-07
506 458962.68, 3756471.16	13.7906	0.004173	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.2E-09	1.2E-07	7.6E-08	6.9E-08	1.5E-08	2.9E-07
507 458962.68, 3756501.16	11.6115	0.0035136	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.3E-09	1.0E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
508 458962.68, 3756531.16	9.93178	0.0030053	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.7E-09	9.0E-08	5.5E-08	4.9E-08	1.1E-08	2.1E-07
509 458992.68, 3756291.16	82.9583	0.0251028	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	3.1E-08	7.5E-07	4.6E-07	4.1E-07	9.0E-08	1.7E-06
510 458992.68, 3756321.16	50.9548	0.0154187	5.3E-06	1.6E-05	9.3E-06	8.5E-06	3.9E-06	1.9E-08	4.6E-07	2.8E-07	2.5E-07	5.5E-08	1.1E-06
511 458992.68, 3756351.16	34.4996	0.0104395	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.7E-08	7.2E-07
512 458992.68, 3756381.16	25.0662	0.0075849	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	9.4E-09	2.3E-07	1.4E-07	1.2E-07	2.7E-08	5.3E-07
513 458992.68, 3756411.16	19.2611	0.0058283	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.0E-07
514 458992.68, 3756441.16	15.4603	0.0046782	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
515 458992.68, 3756471.16	12.8117	0.0038768	1.3E-06	4.1E-06	2.3E-06	2.1E-06	9.7E-07	4.8E-09	1.2E-07	7.0E-08	6.4E-08	1.4E-08	2.7E-07
516 458992.68, 3756501.16	10.8532	0.0032841	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.1E-09	9.8E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
517 458992.68, 3756531.16	9.34304	0.0028272	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.5E-09	8.4E-08	5.1E-08	4.7E-08	1.0E-08	2.0E-07
518 459022.68, 3756291.16	74.2909	0.0224801	7.8E-06	2.3E-05	1.4E-05	1.2E-05	5.6E-06	2.8E-08	6.7E-07	4.1E-07	3.7E-07	8.1E-08	1.6E-06
519 459022.68, 3756321.16	47.2428	0.0142955	4.9E-06	1.5E-05	8.6E-06	7.8E-06	3.6E-06	1.8E-08	4.3E-07	2.6E-07	2.4E-07	5.1E-08	9.9E-07
520 459022.68, 3756351.16	33.1186	0.0100216	3.5E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
521 459022.68, 3756381.16	24.3471	0.0073673	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
522 459022.68, 3756411.16	18.5991	0.005628	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.0E-09	1.7E-07	1.0E-07	9.3E-08	2.0E-08	3.9E-07
523 459022.68, 3756441.16	14.7527	0.0044641	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
524 459022.68, 3756471.16	12.1098	0.0036644	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.5E-09	1.1E-07	6.7E-08	6.0E-08	1.3E-08	2.5E-07
525 459022.68, 3756501.16	10.2108	0.0030897	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
526 459022.68, 3756531.16	8.78372	0.0026579	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.3E-09	7.9E-08	4.8E-08	4.4E-08	9.5E-09	1.8E-07
527 459052.68, 3756291.16	67.4228	0.0204019	7.1E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.3E-08	1.4E-06
528 459052.68, 3756321.16	42.8871	0.0129775	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.2E-06	1.6E-08	3.9E-07	2.4E-07	2.1E-07	4.7E-08	9.0E-07
529 459052.68, 3756351.16	30.9346	0.0093607	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.2E-08	2.8E-07	1.7E-07	1.5E-07	3.4E-08	6.5E-07
530 459052.68, 3756381.16	23.4276	0.0070891	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	8.8E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
531 459052.68, 3756411.16	18.2103	0.0055103	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	6.8E-09	1.6E-07	1.0E-07	9.1E-08	2.0E-08	3.8E-07
532 459052.68, 3756441.16	14.4825	0.0043824	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.4E-09	1.3E-07	8.0E-08	7.2E-08	1.6E-08	3.0E-07
533 459052.68, 3756471.16	11.7986	0.0035702	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
534 459052.68, 3756501.16	9.84908	0.0029803	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
535 459052.68, 3756531.16	8.40059	0.002542	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
536 459082.68, 3756291.16	62.0613	0.0187795	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
537 459082.68, 3756321.16	39.0392	0.0118131	4.1E-06	1.2E-05	7.1E-06	6.5E-06	3.0E-06	1.5E-08	3.5E-07	2.1E-07	1.9E-07	4.2E-08	8.2E-07
538 459082.68, 3756351.16	28.3301	0.0085726	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.1E-06	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	5.9E-07
539 459082.68, 3756381.16	21.9741	0.0066493	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
540 459082.68, 3756411.16	17.5249	0.005303	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.6E-09	1.6E-07	9.6E-08	8.7E-08	1.9E-08	3.7E-07
541 459082.68, 3756441.16	14.1938	0.004295	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
542 459082.68, 3756471.16	11.6523	0.003526	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
543 459082.68, 3756501.16	9.71523	0.0029398	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.6E-09	8.8E-08	5.3E-08	4.8E-08	1.1E-08	2.0E-07
544 459082.68, 3756531.16	8.20485	0.0024828	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
545 459112.68, 3756291.16	55.9223	0.0169219	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.1E-08	1.2E-06
546 459112.68, 3756321.16	35.1225	0.0106279	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.3E-08	3.2E-07	1.9E-07	1.7E-07	3.8E-08	7.4E-07
547 459112.68, 3756351.16	25.4773	0.0077093	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	9.5E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.3E-07
548 459112.68, 3756381.16	20.3575	0.0061601	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
549 459112.68, 3756411.16	16.5429	0.0050058	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	6.2E-09	1.5E-07	9.1E-08	8.2E-08	1.8E-08	3.5E-07
550 459112.68, 3756441.16	13.6587	0.0041331	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
551 459112.68, 3756471.16	11.3981	0.003449	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
552 459112.68, 3756501.16	9.57883	0.0028985	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.6E-09	8.7E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
553 459112.68, 3756531.16	8.12609	0.0024589	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	3.0E-09	7.3E-08	4.5E-08	4.0E-08	8.8E-09	1.7E-07
554 459142.68, 3756291.16	51.8789	0.0156984	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.9E-08	4.7E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
555 459142.68, 3756321.16	32.4861	0.0098302	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.8E-07
556 459142.68, 3756351.16	23.3198	0.0070565	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	8.7E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
557 459142.68, 3756381.16	18.5683	0.0056187	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.9E-09	1.7E-07	1.0E-07	9.2E-08	2.0E-08	3.9E-07
558 459142.68, 3756411.16	15.3562	0.0046467	1.6E-06	4.9E-06	2.8E-06	2.5E-06	1.2E-06	5.7E-09	1.4E-07	8.4E-08	7.6E-08	1.7E-08	3.2E-07
559 459142.68, 3756441.16	12.9443	0.0039169	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	4.8E-09	1.2E-07	7.1E-08	6.4E-08	1.4E-08	2.7E-07
560 459142.68, 3756471.16	10.9168	0.0033034	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.1E-09	9.9E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
561 459142.68, 3756501.16	9.3381	0.0028257	9.8E-07	3.0E-06	1.7E-06	1.5E-06	7.1E-07	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	2.0E-07
562 459142.68, 3756531.16	8.00621	0.0024226	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
563 459172.68, 3756291.16	48.1878	0.0145814	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	1.8E-08	4.4E-07	2.6E-07	2.4E-07	5.2E-08	1.0E-06
564 459172.68, 3756321.16	30.2228	0.0091453	3.2E-06	9.6E-06	5.5E-06	5.0E-06	2.3E-06	1.1E-08	2.7E-07	1.7E-07	1.5E-07	3.3E-08	6.3E-07
565 459172.68, 3756351.16	21.6678	0.0065566	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	8.1E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.5E-07
566 459172.68, 3756381.16	17.1411	0.0051868	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.4E-09	1.5E-07	9.4E-08	8.5E-08	1.9E-08	3.6E-07
567 459172.68, 3756411.16	14.2712	0.0043184	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
568 459172.68, 3756441.16	12.1003	0.0036615	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
569 459172.68, 3756471.16	10.3614	0.0031353	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.9E-09	9.4E-08	5.7E-08	5.2E-08	1.1E-08	2.2E-07
570 459172.68, 3756501.16	8.96498	0.0027128	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.4E-09	8.1E-08	4.9E-08	4.5E-08	9.7E-09	1.9E-07
571 459172.68, 3756531.16	7.78292	0.0023551	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
572 459202.68, 3756291.16	45.1789	0.013671	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.7E-08	4.1E-07	2.5E-07	2.2E-07	4.9E-08	9.5E-07
573 459202.68, 3756321.16	28.4427	0.0086067	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
574 459202.68, 3756351.16	20.3921	0.0061706	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
575 459202.68, 3756381.16	16.0902	0.0048688	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.0E-09	1.5E-07	8.8E-08	8.0E-08	1.7E-08	3.4E-07

576	459202.68, 3756411.16	13.3927	0.0040526	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	5.0E-09	1.2E-07	7.4E-08	6.7E-08	1.5E-08	2.8E-07
577	459202.68, 3756441.16	11.3934	0.0034476	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
578	459202.68, 3756471.16	9.81401	0.0029697	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
579	459202.68, 3756501.16	8.54326	0.0025852	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
580	459202.68, 3756531.16	7.49741	0.0022687	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.8E-09	6.8E-08	4.1E-08	3.7E-08	8.1E-09	1.6E-07
581	459232.68, 3756291.16	42.2923	0.0127975	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.6E-08	3.8E-07	2.3E-07	2.1E-07	4.6E-08	8.9E-07
582	459232.68, 3756321.16	27.3721	0.0082827	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
583	459232.68, 3756351.16	19.4029	0.0058712	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
584	459232.68, 3756381.16	15.1498	0.0045843	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.7E-09	1.4E-07	8.3E-08	7.5E-08	1.6E-08	3.2E-07
585	459232.68, 3756411.16	12.5635	0.0038017	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
586	459232.68, 3756441.16	10.7391	0.0032496	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.0E-09	9.7E-08	5.9E-08	5.3E-08	1.2E-08	2.3E-07
587	459232.68, 3756471.16	9.30408	0.0028154	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	2.0E-07
588	459232.68, 3756501.16	8.13778	0.0024625	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.0E-09	7.4E-08	4.5E-08	4.1E-08	8.8E-09	1.7E-07
589	459232.68, 3756531.16	7.18284	0.0021735	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
590	459262.68, 3756291.16	39.3338	0.0119023	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.2E-07
591	459262.68, 3756321.16	26.4613	0.0080071	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	9.9E-09	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.5E-07
592	459262.68, 3756351.16	18.5269	0.0056061	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.9E-09	1.7E-07	1.0E-07	9.2E-08	2.0E-08	3.9E-07
593	459262.68, 3756381.16	14.2371	0.0043081	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
594	459262.68, 3756411.16	11.772	0.0035622	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
595	459262.68, 3756441.16	10.1323	0.003066	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.0E-08	1.1E-08	2.1E-07
596	459262.68, 3756471.16	8.83475	0.0026734	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.3E-09	8.0E-08	4.9E-08	4.4E-08	9.6E-09	1.9E-07
597	459262.68, 3756501.16	7.75087	0.0023454	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.4E-09	1.6E-07
598	459262.68, 3756531.16	6.86087	0.0020761	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
599	459292.68, 3756291.16	36.8004	0.0111357	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
600	459292.68, 3756321.16	25.4373	0.0076972	2.7E-06	8.0E-06	4.7E-06	4.2E-06	1.9E-06	9.5E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.3E-07
601	459292.68, 3756351.16	17.9246	0.0054239	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.7E-09	1.6E-07	9.8E-08	8.9E-08	1.9E-08	3.8E-07
602	459292.68, 3756381.16	13.6644	0.0041348	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
603	459292.68, 3756411.16	11.2314	0.0033986	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
604	459292.68, 3756441.16	9.61781	0.0029103	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.6E-09	8.7E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
605	459292.68, 3756471.16	8.40193	0.0025424	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
606	459292.68, 3756501.16	7.39667	0.0022382	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.0E-09	1.6E-07
607	459292.68, 3756531.16	6.55242	0.0019827	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
608	459322.68, 3756291.16	34.4595	0.0104273	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.7E-08	7.2E-07
609	459322.68, 3756321.16	24.3511	0.0073685	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
610	459322.68, 3756351.16	17.3182	0.0052404	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.5E-09	1.6E-07	9.5E-08	8.6E-08	1.9E-08	3.6E-07
611	459322.68, 3756381.16	13.1887	0.0039909	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.9E-09	1.2E-07	7.2E-08	6.6E-08	1.4E-08	2.8E-07
612	459322.68, 3756411.16	10.7741	0.0032602	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.0E-09	9.7E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
613	459322.68, 3756441.16	9.16875	0.0027744	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.4E-09	8.3E-08	5.0E-08	4.6E-08	1.0E-08	1.9E-07
614	459322.68, 3756471.16	8.01558	0.0024255	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
615	459322.68, 3756501.16	7.07341	0.0021404	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
616	459322.68, 3756531.16	6.26045	0.0018944	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.3E-09	5.7E-08	3.4E-08	3.1E-08	6.8E-09	1.3E-07
617	459352.68, 3756291.16	31.982	0.0096776	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.7E-07
618	459352.68, 3756321.16	23.0907	0.0069871	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	8.6E-09	2.1E-07	1.3E-07	1.1E-07	2.5E-08	4.8E-07
619	459352.68, 3756351.16	16.5073	0.004995	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	6.2E-09	1.5E-07	9.1E-08	8.2E-08	1.8E-08	3.5E-07
620	459352.68, 3756381.16	12.5062	0.0037843	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.7E-09	1.1E-07	6.9E-08	6.2E-08	1.4E-08	2.6E-07
621	459352.68, 3756411.16	10.2221	0.0030932	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
622	459352.68, 3756441.16	8.7474	0.0026469	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.3E-09	7.9E-08	4.8E-08	4.4E-08	9.5E-09	1.8E-07
623	459352.68, 3756471.16	7.67176	0.0023214	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
624	459352.68, 3756501.16	6.77375	0.0020497	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
625	459352.68, 3756531.16	5.99075	0.0018128	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
626	459382.68, 3756291.16	29.6574	0.0089742	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.2E-06	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
627	459382.68, 3756321.16	21.84	0.0066087	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
628	459382.68, 3756351.16	15.8665	0.0048011	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.9E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
629	459382.68, 3756381.16	12.0354	0.0036419	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
630	459382.68, 3756411.16	9.77867	0.002959	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.7E-09	8.8E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
631	459382.68, 3756441.16	8.37458	0.0025341	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
632	459382.68, 3756471.16	7.35114	0.0022244	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.8E-09	6.6E-08	4.0E-08	3.7E-08	8.0E-09	1.5E-07
633	459382.68, 3756501.16	6.48953	0.0019637	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
634	459382.68, 3756531.16	5.74376	0.001738	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.3E-07	2.1E-09	5.2E-08	3.2E-08	2.9E-08	6.2E-09	1.2E-07
635	458633.73, 3756194.08	41.2239	0.0124742	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.5E-08	3.7E-07	2.3E-07	2.1E-07	4.5E-08	8.6E-07
636	458633.73, 3756224.08	39.3149	0.0118965	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.2E-07
637	458663.73, 3756164.08	53.5836	0.0162142	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	2.0E-08	4.8E-07	2.9E-07	2.7E-07	5.8E-08	1.1E-06
638	458663.73, 3756194.08	50.6922	0.0153393	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	1.9E-08	4.6E-07	2.8E-07	2.5E-07	5.5E-08	1.1E-06
639	458663.73, 3756224.08	47.8754	0.0144869	5.0E-06	1.5E-05	8.8E-06	7.9E-06	3.6E-06	1.8E-08	4.3E-07	2.6E-07	2.4E-07	5.2E-08	1.0E-06
640	458693.73, 3756164.08	68.3302	0.0206764	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.4E-08	1.4E-06
641	458693.73, 3756194.08	64.1441	0.0194097	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.3E-06
642	458693.73, 3756224.08	59.8166	0.0181003	6.3E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.3E-06
643	458723.73, 3756194.08	84.2337	0.0254888	8.8E-06	2.7E-05	1.5E-05	1.4E-05	6.4E-06	3.2E-08	7.6E-07	4.6E-07	4.2E-07	9.1E-08	1.8E-06
644	458723.73, 3756224.08	77.2473	0.0233747	8.1E-06	2.4E-05	1.4E-05	1.3E-05	5.9E-06	2.9E-08	7.0E-07	4.2E-07	3.8E-07	8.4E-08	1.6E-06
645	458753.73, 3756224.08	104.316	0.0315655	1.1E-05	3.3E-05	1.9E-05	1.7E-05	7.9E-06	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
646	458783.73, 3756224.08	150.091	0.0454169	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	5.6E-08	1.4E-06	8.2E-07	7.5E-07	1.6E-07	3.1E-06

Operational Risk - Fueling (Ethylbenzene)

	Fueling
Emissions Rate (g/s):	2.50E-04

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	Fueling	Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 458909.21, 3756133.18	159.41792	0.039916	1.4E-05	4.2E-05	2.4E-05	2.2E-05	1.0E-05	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
2 458909.21, 3756163.18	508.44478	0.12730741	4.4E-05	1.3E-04	7.7E-05	7.0E-05	3.2E-05	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
3 458939.21, 3756103.18	61.12912	0.01530587	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
4 458939.21, 3756133.18	116.5563	0.02918405	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
5 458939.21, 3756163.18	379.09076	0.09491898	3.3E-05	9.9E-05	5.7E-05	5.2E-05	2.4E-05	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
6 458969.21, 3756043.18	24.23088	0.00606707	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
7 458969.21, 3756073.18	34.59823	0.00866291	3.0E-06	9.1E-06	5.2E-06	4.8E-06	2.2E-06	9.3E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
8 458969.21, 3756103.18	54.95216	0.01375925	4.8E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
9 458969.21, 3756133.18	115.61976	0.02894956	1.0E-05	3.0E-05	1.8E-05	1.6E-05	7.2E-06	3.1E-09	7.5E-08	4.6E-08	4.1E-08	9.0E-09	1.7E-07
10 458969.21, 3756163.18	408.6261	0.10231422	3.5E-05	1.1E-04	6.2E-05	5.6E-05	2.6E-05	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
11 458969.21, 3756193.18	223	0.05583606	1.9E-05	5.8E-05	3.4E-05	3.1E-05	1.4E-05	6.0E-09	1.5E-07	8.8E-08	8.0E-08	1.7E-08	3.4E-07
12 458969.21, 3756223.18	1047.39	0.2622517	9.1E-05	2.7E-04	1.6E-04	1.4E-04	6.6E-05	2.8E-08	6.8E-07	4.1E-07	3.8E-07	8.2E-08	1.6E-06
13 458999.21, 3756013.18	17.16561	0.00429803	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08
14 458999.21, 3756043.18	22.86453	0.00572496	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	6.2E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.5E-08
15 458999.21, 3756073.18	32.70999	0.00819012	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.0E-06	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
16 458999.21, 3756103.18	55.40882	0.01387359	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
17 458999.21, 3756133.18	128.82269	0.03225539	1.1E-05	3.4E-05	2.0E-05	1.8E-05	8.1E-06	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
18 458999.21, 3756163.18	358.22411	0.08969427	3.1E-05	9.4E-05	5.4E-05	4.9E-05	2.2E-05	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
19 458999.21, 3756193.18	735.00283	0.18403435	6.4E-05	1.9E-04	1.1E-04	1.0E-04	4.6E-05	2.0E-08	4.8E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
20 458999.21, 3756223.18	613.73191	0.15366982	5.3E-05	1.6E-04	9.3E-05	8.4E-05	3.8E-05	1.7E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.3E-07
21 459029.21, 3755953.18	10.46709	0.00262081	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	2.8E-10	6.8E-09	4.1E-09	3.8E-09	8.2E-10	1.6E-08
22 459029.21, 3755983.18	12.92219	0.00323553	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	2.0E-08
23 459029.21, 3756013.18	16.39912	0.00410611	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
24 459029.21, 3756043.18	21.91228	0.00548653	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
25 459029.21, 3756073.18	32.73476	0.00819632	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
26 459029.21, 3756103.18	59.95768	0.01501256	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.8E-06	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.1E-08
27 459029.21, 3756133.18	133.39143	0.03339933	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.4E-06	3.6E-09	8.7E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
28 459029.21, 3756163.18	286.9038	0.07183667	2.5E-05	7.5E-05	4.3E-05	3.9E-05	1.8E-05	7.7E-09	1.9E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
29 459029.21, 3756193.18	458.89717	0.11490138	4.0E-05	1.2E-04	7.0E-05	6.3E-05	2.9E-05	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
30 459029.21, 3756223.18	403.037	0.10091479	3.5E-05	1.1E-04	6.1E-05	5.5E-05	2.5E-05	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.2E-08	6.1E-07
31 459059.21, 3755923.18	8.44231	0.00211384	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.3E-10	5.5E-09	3.3E-09	3.0E-09	6.6E-10	1.3E-08
32 459059.21, 3755953.18	10.12614	0.00253544	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
33 459059.21, 3755983.18	12.40899	0.00310704	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	3.3E-10	8.1E-09	4.9E-09	4.4E-09	9.7E-10	1.9E-08
34 459059.21, 3756013.18	15.82573	0.00396254	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
35 459059.21, 3756043.18	21.87972	0.00547837	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.7E-09	7.8E-09	1.7E-09	3.3E-08
36 459059.21, 3756073.18	34.74304	0.00869917	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	9.4E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
37 459059.21, 3756103.18	64.69586	0.01619893	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
38 459059.21, 3756133.18	127.90145	0.03202472	1.1E-05	3.3E-05	1.9E-05	1.8E-05	8.0E-06	3.4E-09	8.3E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
39 459059.21, 3756163.18	227.75812	0.05702742	2.0E-05	6.0E-05	3.5E-05	3.1E-05	1.4E-05	6.1E-09	1.5E-07	9.0E-08	8.2E-08	1.8E-08	3.4E-07
40 459059.21, 3756193.18	317.08044	0.07939247	2.7E-05	8.3E-05	4.8E-05	4.4E-05	2.0E-05	8.5E-09	2.1E-07	1.3E-07	1.1E-07	2.5E-08	4.8E-07
41 459059.21, 3756223.18	286.28741	0.07168233	2.5E-05	7.5E-05	4.3E-05	3.9E-05	1.8E-05	7.7E-09	1.9E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
42 459089.21, 3755863.18	6.00891	0.00150455	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	1.6E-10	3.9E-09	2.4E-09	2.2E-09	4.7E-10	9.1E-09
43 459089.21, 3755893.18	6.96889	0.00174491	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.9E-10	4.5E-09	2.8E-09	2.5E-09	5.4E-10	1.1E-08
44 459089.21, 3755923.18	8.17586	0.00204712	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.2E-10	5.3E-09	3.2E-09	2.9E-09	6.4E-10	1.2E-08
45 459089.21, 3755953.18	9.76066	0.00244393	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-10	6.3E-09	3.9E-09	3.5E-09	7.6E-10	1.5E-08
46 459089.21, 3755983.18	12.02687	0.00301136	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	3.2E-10	7.8E-09	4.8E-09	4.3E-09	9.4E-10	1.8E-08
47 459089.21, 3756013.18	15.73899	0.00394082	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
48 459089.21, 3756043.18	22.76984	0.00570125	2.0E-06	6.0E-06	3.4E-06	3.1E-06	1.4E-06	6.1E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.4E-08
49 459089.21, 3756073.18	37.37879	0.00935912	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
50 459089.21, 3756103.18	67.0093	0.01677818	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	1.8E-09	4.4E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
51 459089.21, 3756133.18	117.57929	0.0294402	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.4E-06	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.2E-09	1.8E-07
52 459089.21, 3756163.18	183.25646	0.04588484	1.6E-05	4.8E-05	2.8E-05	2.5E-05	1.1E-05	4.9E-09	1.2E-07	7.2E-08	6.6E-08	1.4E-08	2.8E-07
53 459089.21, 3756193.18	233.98143	0.05858565	2.0E-05	6.1E-05	3.5E-05	3.2E-05	1.5E-05	6.3E-09	1.5E-07	9.3E-08	8.4E-08	1.8E-08	3.5E-07
54 459089.21, 3756223.18	215.17452	0.05387667	1.9E-05	5.6E-05	3.3E-05	3.0E-05	1.3E-05	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
55 459119.21, 3755833.18	5.13173	0.00128491	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.4E-10	3.3E-09	2.0E-09	1.8E-09	4.0E-10	7.7E-09
56 459119.21, 3755863.18	5.86065	0.00146742	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	1.6E-10	3.8E-09	2.3E-09	2.1E-09	4.6E-10	8.8E-09
57 459119.21, 3755893.18	6.75791	0.00169209	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
58 459119.21, 3755923.18	7.90725	0.00197986	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.2E-10	1.2E-08
59 459119.21, 3755953.18	9.49176	0.0023766	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.6E-10	6.2E-09	3.8E-09	3.4E-09	7.4E-10	1.4E-08
60 459119.21, 3755983.18	11.93073	0.00298729	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.2E-10	7.8E-09	4.7E-09	4.3E-09	9.3E-10	1.8E-08
61 459119.21, 3756013.18	16.15385	0.0040447	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.4E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
62 459119.21, 3756043.18	24.1531	0.0060476	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.6E-08
63 459119.21, 3756073.18	39.49478	0.00988894	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
64 459119.21, 3756103.18	66.33357	0.01660899	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
65 459119.21, 3756133.18	105.38787	0.02638764	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
66 459119.21, 3756163.18	149.93456	0.0375415	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	4.0E-09	9.8E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
67 459119.21, 3756193.18	180.85414	0.04528333	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	4.9E-09	1.2E-07	7.2E-08	6.5E-08	1.4E-08	2.7E-07
68 459119.21, 3756223.18	168.44218	0.04217555	1.5E-05	4.4E-05	2.6E-05	2.3E-05	1.1E-05	4.5E-09	1.1E-07	6.7E-08	6.0E-08	1.3E-08	2.5E-07

69	459149.21, 3755773.18	3.95961	0.00099143	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-10	2.6E-09	1.6E-09	1.4E-09	3.1E-10	6.0E-09
70	459149.21, 3755803.18	4.43816	0.00111125	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-10	2.9E-09	1.8E-09	1.6E-09	3.5E-10	6.7E-09
71	459149.21, 3755833.18	5.00574	0.00125337	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.3E-10	3.3E-09	2.0E-09	1.8E-09	3.9E-10	7.6E-09
72	459149.21, 3755863.18	5.69305	0.00142546	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.5E-10	3.7E-09	2.3E-09	2.0E-09	4.5E-10	8.6E-09
73	459149.21, 3755893.18	6.55479	0.00164123	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.8E-10	4.3E-09	2.6E-09	2.3E-09	5.1E-10	9.9E-09
74	459149.21, 3755923.18	7.70661	0.00192963	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.1E-10	5.0E-09	3.0E-09	2.8E-09	6.0E-10	1.2E-08
75	459149.21, 3755953.18	9.39512	0.00235241	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-10	6.1E-09	3.7E-09	3.4E-09	7.3E-10	1.4E-08
76	459149.21, 3755983.18	12.13794	0.00303917	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.3E-10	7.9E-09	4.8E-09	4.4E-09	9.5E-10	1.8E-08
77	459149.21, 3756013.18	16.94687	0.00424326	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.6E-10	1.1E-08	6.7E-09	6.1E-09	1.3E-09	2.6E-08
78	459149.21, 3756043.18	25.60163	0.00641029	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
79	459149.21, 3756073.18	40.57451	0.01015929	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
80	459149.21, 3756103.18	63.64873	0.01593675	5.5E-06	1.7E-05	9.6E-06	8.7E-06	4.0E-06	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
81	459149.21, 3756133.18	93.52099	0.02341634	8.1E-06	2.4E-05	1.4E-05	1.3E-05	5.9E-06	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.3E-09	1.4E-07
82	459149.21, 3756163.18	124.77017	0.03124069	1.1E-05	3.3E-05	1.9E-05	1.7E-05	7.8E-06	3.4E-09	8.1E-08	4.9E-08	4.5E-08	9.8E-09	1.9E-07
83	459149.21, 3756193.18	144.77641	0.03624997	1.3E-05	3.8E-05	2.2E-05	2.0E-05	9.1E-06	3.9E-09	9.4E-08	5.7E-08	5.2E-08	1.1E-08	2.2E-07
84	459149.21, 3756223.18	136.05101	0.03406526	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.5E-06	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
85	459179.21, 3755773.18	3.88061	0.00097165	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.0E-10	2.5E-09	1.5E-09	1.4E-09	3.0E-10	5.9E-09
86	459179.21, 3755803.18	4.33225	0.00108473	3.8E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.2E-10	2.8E-09	1.7E-09	1.6E-09	3.4E-10	6.5E-09
87	459179.21, 3755833.18	4.87214	0.00121992	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-10	3.2E-09	1.9E-09	1.7E-09	3.8E-10	7.4E-09
88	459179.21, 3755863.18	5.53866	0.0013868	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-10	3.6E-09	2.2E-09	2.0E-09	4.3E-10	8.4E-09
89	459179.21, 3755893.18	6.40683	0.00160418	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-10	4.2E-09	2.5E-09	2.3E-09	5.0E-10	9.7E-09
90	459179.21, 3755923.18	7.62667	0.00190961	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.1E-10	5.0E-09	3.0E-09	2.7E-09	6.0E-10	1.2E-08
91	459179.21, 3755953.18	9.49643	0.00237777	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.6E-10	6.2E-09	3.8E-09	3.4E-09	7.4E-10	1.4E-08
92	459179.21, 3755983.18	12.58098	0.0031501	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.8E-10	1.9E-08
93	459179.21, 3756013.18	17.8419	0.00446736	1.5E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	4.8E-10	1.2E-08	7.1E-09	6.4E-09	1.4E-09	2.7E-08
94	459179.21, 3756043.18	26.67307	0.00667856	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	7.2E-10	1.7E-08	1.1E-08	9.6E-09	2.1E-09	4.0E-08
95	459179.21, 3756073.18	40.53193	0.01014862	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
96	459179.21, 3756103.18	59.89953	0.014998	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.8E-06	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
97	459179.21, 3756133.18	82.86173	0.02074741	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
98	459179.21, 3756163.18	105.28934	0.02636297	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
99	459179.21, 3756193.18	118.98126	0.02979123	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
100	459179.21, 3756223.18	112.57211	0.02818647	9.8E-06	2.9E-05	1.7E-05	1.5E-05	7.1E-06	3.0E-09	7.3E-08	4.5E-08	4.0E-08	8.8E-09	1.7E-07
101	459209.21, 3755803.18	4.22481	0.00105783	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.1E-10	2.7E-09	1.7E-09	1.5E-09	3.3E-10	6.4E-09
102	459209.21, 3755833.18	4.75201	0.00118984	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-10	3.1E-09	1.9E-09	1.7E-09	3.7E-10	7.2E-09
103	459209.21, 3755863.18	5.42253	0.00135773	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.5E-10	3.5E-09	2.1E-09	1.9E-09	4.2E-10	8.2E-09
104	459209.21, 3755893.18	6.32953	0.00158483	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-10	4.1E-09	2.5E-09	2.3E-09	4.9E-10	9.6E-09
105	459209.21, 3755923.18	7.65926	0.00191777	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.1E-10	5.0E-09	3.0E-09	2.7E-09	6.0E-10	1.2E-08
106	459209.21, 3755953.18	9.74156	0.00243915	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-10	6.3E-09	3.9E-09	3.5E-09	7.6E-10	1.5E-08
107	459209.21, 3755983.18	13.1219	0.00328554	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.5E-10	8.5E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
108	459209.21, 3756013.18	18.63098	0.00466493	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
109	459209.21, 3756043.18	27.27319	0.00682882	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.3E-10	1.8E-08	1.1E-08	9.8E-09	2.1E-09	4.1E-08
110	459209.21, 3756073.18	39.69826	0.00993988	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
111	459209.21, 3756103.18	55.66975	0.01393892	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
112	459209.21, 3756133.18	73.50312	0.01840415	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
113	459209.21, 3756163.18	89.91272	0.02251288	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	2.4E-09	5.8E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
114	459209.21, 3756193.18	99.43469	0.02489705	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
115	459209.21, 3756223.18	94.82813	0.02374363	8.2E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	2.6E-09	6.2E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
116	459239.21, 3755803.18	4.12832	0.00103367	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-10	2.7E-09	1.6E-09	1.5E-09	3.2E-10	6.2E-09
117	459239.21, 3755833.18	4.6577	0.00116622	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.3E-10	3.0E-09	1.8E-09	1.7E-09	3.6E-10	7.0E-09
118	459239.21, 3755863.18	5.35765	0.00134148	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-10	3.5E-09	2.1E-09	1.9E-09	4.2E-10	8.1E-09
119	459239.21, 3755893.18	6.33769	0.00158687	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-10	4.1E-09	2.5E-09	2.3E-09	5.0E-10	9.6E-09
120	459239.21, 3755923.18	7.79804	0.00195252	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.1E-10	1.2E-08
121	459239.21, 3755953.18	10.07767	0.00252331	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
122	459239.21, 3755983.18	13.67183	0.00342323	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
123	459239.21, 3756013.18	19.23103	0.00481518	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
124	459239.21, 3756043.18	27.39572	0.0068595	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	7.4E-10	1.8E-08	1.1E-08	9.8E-09	2.1E-09	4.1E-08
125	459239.21, 3756073.18	38.33036	0.00959738	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
126	459239.21, 3756103.18	51.43257	0.01287799	4.5E-06	1.3E-05	7.8E-06	7.1E-06	3.2E-06	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
127	459239.21, 3756133.18	65.37458	0.01636887	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	1.8E-09	4.3E-08	2.6E-08	2.3E-08	5.1E-09	9.9E-08
128	459239.21, 3756163.18	77.74492	0.01946623	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
129	459239.21, 3756193.18	85.67989	0.02145304	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
130	459239.21, 3756223.18	81.17341	0.02032468	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
131	459269.21, 3755833.18	4.60138	0.00115212	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.2E-10	3.0E-09	1.8E-09	1.6E-09	3.6E-10	6.9E-09
132	459269.21, 3755863.18	5.34944	0.00133942	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.4E-10	3.5E-09	2.1E-09	1.9E-09	4.2E-10	8.1E-09
133	459269.21, 3755893.18	6.42548	0.00160885	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-10	4.2E-09	2.5E-09	2.3E-09	5.0E-10	9.7E-09
134	459269.21, 3755923.18	8.03188	0.00201107	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.2E-10	5.2E-09	3.2E-09	2.9E-09	6.3E-10	1.2E-08
135	459269.21, 3755953.18	10.4801	0.00262407	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	2.8E-10	6.8E-09	4.1E-09	3.8E-09	8.2E-10	1.6E-08
136	459269.21, 3755983.18	14.19482	0.00355418	1.2E-06	3.7E-06	2.2E-06	1.9E-06	8.9E-07	3.8E-10	9.2E-09	5.6E-09	5.1E-09	1.1E-09	2.1E-08
137	459269.21, 3756013.18	19.63284	0.00491579	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.0E-09	1.5E-09	3.0E-08
138	459269.21, 3756043.18	27.12276	0.00679116	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
139	459269.21, 3756073.18	36.59619	0.00916317	3.2E-06	9.6E-06	5.5E-06	5.0E-06	2.3E-06	9.9E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
140	459269.21, 3756103.18	47.40801	0.0118703	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
141	459269.21, 3756133.18	59.21518	0.01482665	5.1E-06	1.5E-05	9.0E-06	8.1E-06	3.7E-06	1.6E-09	3.9E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
142	459269.21, 3756163.18	69.30561	0.01735315	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
143	459269.21, 3756193.18	74.59379	0.01867723	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.0E-09	4.9E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
144	459269.21, 3756223.18	71.10934	0.01780478	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.6E-09	1.1E-07

145	459299.21, 3755863.18	5.39711	0.00135136	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.5E-10	3.5E-09	2.1E-09	1.9E-09	4.2E-10	8.1E-09
146	459299.21, 3755893.18	6.57262	0.00164569	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.8E-10	4.3E-09	2.6E-09	2.4E-09	5.1E-10	9.9E-09
147	459299.21, 3755923.18	8.30959	0.0020806	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.2E-10	5.4E-09	3.3E-09	3.0E-09	6.5E-10	1.3E-08
148	459299.21, 3755953.18	10.87152	0.00272208	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
149	459299.21, 3755983.18	14.5995	0.00365551	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	3.9E-10	9.5E-09	5.8E-09	5.2E-09	1.1E-09	2.2E-08
150	459299.21, 3756013.18	19.80741	0.0049595	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
151	459299.21, 3756043.18	26.57801	0.00665476	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	7.2E-10	1.7E-08	1.1E-08	9.5E-09	2.1E-09	4.0E-08
152	459299.21, 3756073.18	34.7176	0.0086928	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	9.3E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
153	459299.21, 3756103.18	44.17688	0.01106127	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.5E-09	6.7E-08
154	459299.21, 3756133.18	53.67826	0.01344028	4.7E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
155	459299.21, 3756163.18	61.67697	0.01544304	5.3E-06	1.6E-05	9.3E-06	8.5E-06	3.9E-06	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
156	459299.21, 3756193.18	65.5984	0.01642491	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
157	459299.21, 3756223.18	62.64831	0.01568625	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.5E-08
158	459329.21, 3755863.18	5.4949	0.00137585	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.5E-10	3.6E-09	2.2E-09	2.0E-09	4.3E-10	8.3E-09
159	459329.21, 3755893.18	6.76195	0.0016931	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
160	459329.21, 3755923.18	8.59339	0.00215166	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-10	5.6E-09	3.4E-09	3.1E-09	6.7E-10	1.3E-08
161	459329.21, 3755953.18	11.21857	0.00280897	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
162	459329.21, 3755983.18	14.86715	0.00372252	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	4.0E-10	9.7E-09	5.9E-09	5.3E-09	1.2E-09	2.2E-08
163	459329.21, 3756013.18	19.44795	0.00486949	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
164	459329.21, 3756043.18	25.62553	0.00641627	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
165	459329.21, 3756073.18	32.9111	0.00824048	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.9E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
166	459329.21, 3756103.18	40.94329	0.01025162	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
167	459329.21, 3756133.18	48.74851	0.01220594	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.4E-08
168	459329.21, 3756163.18	55.07891	0.01379098	4.8E-06	1.4E-05	8.3E-06	7.6E-06	3.5E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
169	459329.21, 3756193.18	58.13359	0.01455583	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.8E-08
170	459329.21, 3756223.18	55.68288	0.01394221	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
171	459359.21, 3755893.18	6.97069	0.00174536	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.9E-10	4.5E-09	2.8E-09	2.5E-09	5.4E-10	1.1E-08
172	459359.21, 3755923.18	8.87016	0.00222096	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.4E-10	5.8E-09	3.5E-09	3.2E-09	6.9E-10	1.3E-08
173	459359.21, 3755953.18	11.50585	0.0028809	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.1E-10	7.5E-09	4.5E-09	4.1E-09	9.0E-10	1.7E-08
174	459359.21, 3755983.18	14.70081	0.00368088	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.1E-09	2.2E-08
175	459359.21, 3756013.18	19.0295	0.00476472	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
176	459359.21, 3756043.18	24.66544	0.00617588	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.5E-06	6.6E-10	1.6E-08	9.8E-09	8.8E-09	1.9E-09	3.7E-08
177	459359.21, 3756073.18	31.15699	0.00780127	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
178	459359.21, 3756103.18	37.96996	0.00950714	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
179	459359.21, 3756133.18	44.40453	0.01111827	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
180	459359.21, 3756163.18	49.43471	0.01237775	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
181	459359.21, 3756193.18	51.81269	0.01297317	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.4E-09	3.4E-08	2.0E-08	1.9E-08	4.1E-09	7.8E-08
182	459359.21, 3756223.18	49.85915	0.01248403	4.3E-06	1.3E-05	7.6E-06	6.8E-06	3.1E-06	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
183	459389.21, 3755923.18	9.1248	0.00228472	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.5E-10	5.9E-09	3.6E-09	3.3E-09	7.1E-10	1.4E-08
184	459389.21, 3755953.18	11.7227	0.0029352	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	3.2E-10	7.6E-09	4.6E-09	4.2E-09	9.2E-10	1.8E-08
185	459389.21, 3755983.18	14.74108	0.00369096	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.2E-09	2.2E-08
186	459389.21, 3756013.18	18.68465	0.00467837	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
187	459389.21, 3756043.18	23.69082	0.00593185	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
188	459389.21, 3756073.18	29.43975	0.0073713	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	7.9E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.4E-08
189	459389.21, 3756103.18	35.24732	0.00882543	3.1E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
190	459389.21, 3756133.18	40.52473	0.01014682	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
191	459389.21, 3756163.18	44.51041	0.01114478	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
192	459389.21, 3756193.18	46.43093	0.01162565	4.0E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
193	459389.21, 3756223.18	44.91817	0.01124688	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
194	458472.27, 3755792.92	12.06093	0.00301989	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.2E-10	7.8E-09	4.8E-09	4.3E-09	9.4E-10	1.8E-08
195	458472.27, 3755822.92	13.3651	0.00334643	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.6E-10	8.7E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
196	458472.27, 3755852.92	14.739	0.00369044	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.2E-09	2.2E-08
197	458472.27, 3755882.92	16.17101	0.00404899	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.4E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
198	458472.27, 3755912.92	17.59255	0.00440493	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.7E-10	1.1E-08	7.0E-09	6.3E-09	1.4E-09	2.7E-08
199	458472.27, 3755942.92	18.93489	0.00474103	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
200	458472.27, 3755972.92	20.10849	0.00503488	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	5.4E-10	1.3E-08	8.0E-09	7.2E-09	1.6E-09	3.0E-08
201	458472.27, 3756002.92	20.94749	0.00524496	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	5.6E-10	1.4E-08	8.3E-09	7.5E-09	1.6E-09	3.2E-08
202	458502.27, 3755792.92	12.1957	0.00305363	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.3E-10	7.9E-09	4.8E-09	4.4E-09	9.5E-10	1.8E-08
203	458502.27, 3755822.92	13.68302	0.00342604	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
204	458502.27, 3755852.92	15.26649	0.00382251	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.1E-10	9.9E-09	6.0E-09	5.5E-09	1.2E-09	2.3E-08
205	458502.27, 3755882.92	16.95102	0.0042443	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.6E-10	1.1E-08	6.7E-09	6.1E-09	1.3E-09	2.6E-08
206	458502.27, 3755912.92	18.69183	0.00468017	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
207	458502.27, 3755942.92	20.38836	0.00510496	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
208	458502.27, 3755972.92	21.94434	0.00549455	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
209	458502.27, 3756002.92	23.20049	0.00580908	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.2E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
210	458502.27, 3756032.92	23.92865	0.0059914	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	6.4E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
211	458532.27, 3755792.92	12.19288	0.00305293	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.3E-10	7.9E-09	4.8E-09	4.4E-09	9.5E-10	1.8E-08
212	458532.27, 3755822.92	13.86144	0.00347071	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.7E-10	9.0E-09	5.5E-09	5.0E-09	1.1E-09	2.1E-08
213	458532.27, 3755852.92	15.68487	0.00392727	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
214	458532.27, 3755882.92	17.64235	0.0044174	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.8E-10	1.1E-08	7.0E-09	6.3E-09	1.4E-09	2.7E-08
215	458532.27, 3755912.92	19.73484	0.00494133	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
216	458532.27, 3755942.92	21.86743	0.0054753	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
217	458532.27, 3755972.92	23.90613	0.00598576	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	6.4E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
218	458532.27, 3756002.92	25.69277	0.00643311	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
219	458532.27, 3756032.92	26.94566	0.00674681	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
220	458562.27, 3755792.92	12.03708	0.00301392	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.5E-07	3.2E-10	7.8E-09	4.8E-09	4.3E-09	9.4E-10	1.8E-08

221	458562.27, 3755822.92	13.86063	0.00347051	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.7E-10	9.0E-09	5.5E-09	5.0E-09	1.1E-09	2.1E-08
222	458562.27, 3755852.92	15.92456	0.00398729	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
223	458562.27, 3755882.92	18.19549	0.00455589	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
224	458562.27, 3755912.92	20.66578	0.00517442	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	5.6E-10	1.3E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
225	458562.27, 3755942.92	23.30571	0.00583542	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.3E-10	1.5E-08	9.2E-09	8.4E-09	1.8E-09	3.5E-08
226	458562.27, 3755972.92	25.96035	0.00650011	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
227	458562.27, 3756002.92	28.41214	0.007114	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	7.7E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
228	458562.27, 3756032.92	30.38137	0.00760707	2.6E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
229	458562.27, 3756062.92	31.44116	0.00787242	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
230	458592.27, 3755792.92	11.71309	0.00293279	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	3.2E-10	7.6E-09	4.6E-09	4.2E-09	9.2E-10	1.8E-08
231	458592.27, 3755822.92	13.6565	0.0034194	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
232	458592.27, 3755852.92	15.92615	0.00398768	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
233	458592.27, 3755882.92	18.51359	0.00463554	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
234	458592.27, 3755912.92	21.41477	0.00536196	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
235	458592.27, 3755942.92	24.61248	0.00616262	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
236	458592.27, 3755972.92	28.00239	0.0070114	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
237	458592.27, 3756002.92	31.3365	0.00784622	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
238	458592.27, 3756032.92	34.25856	0.00857786	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.1E-06	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
239	458592.27, 3756062.92	36.24839	0.00907609	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
240	458622.27, 3755792.92	11.22294	0.00281007	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
241	458622.27, 3755822.92	13.23441	0.00331371	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
242	458622.27, 3755852.92	15.65218	0.00391909	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
243	458622.27, 3755882.92	18.53053	0.00463978	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
244	458622.27, 3755912.92	21.87805	0.00547796	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.7E-09	7.8E-09	1.7E-09	3.3E-08
245	458622.27, 3755942.92	25.67445	0.00642852	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
246	458622.27, 3755972.92	29.89625	0.0074856	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
247	458622.27, 3756002.92	34.3362	0.0085973	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
248	458622.27, 3756032.92	38.55066	0.00965254	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
249	458622.27, 3756062.92	41.90648	0.01049279	3.6E-06	1.1E-05	6.3E-06	5.8E-06	2.6E-06	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
250	458622.27, 3756092.92	43.53036	0.01089939	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
251	458652.27, 3755792.92	10.6002	0.00265414	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	2.9E-10	6.9E-09	4.2E-09	3.8E-09	8.3E-10	1.6E-08
252	458652.27, 3755822.92	12.60982	0.00315732	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.9E-10	1.9E-08
253	458652.27, 3755852.92	15.10211	0.00378136	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.1E-10	9.8E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
254	458652.27, 3755882.92	18.1783	0.00455159	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
255	458652.27, 3755912.92	21.91033	0.00548604	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
256	458652.27, 3755942.92	26.33033	0.00659274	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
257	458652.27, 3755972.92	31.45479	0.00787584	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
258	458652.27, 3756002.92	37.19535	0.00931319	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
259	458652.27, 3756032.92	43.15192	0.01080463	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
260	458652.27, 3756062.92	48.50274	0.0121444	4.2E-06	1.3E-05	7.3E-06	6.7E-06	3.0E-06	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
261	458652.27, 3756092.92	52.00117	0.01302036	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.8E-08
262	458652.27, 3756122.92	52.46593	0.01313673	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
263	458682.27, 3755792.92	9.91019	0.00248137	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.7E-10	6.4E-09	3.9E-09	3.6E-09	7.7E-10	1.5E-08
264	458682.27, 3755822.92	11.84185	0.00296503	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.2E-10	7.7E-09	4.7E-09	4.2E-09	9.3E-10	1.8E-08
265	458682.27, 3755852.92	14.30141	0.00358087	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	3.9E-10	9.3E-09	5.7E-09	5.1E-09	1.1E-09	2.2E-08
266	458682.27, 3755882.92	17.43138	0.00436457	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
267	458682.27, 3755912.92	21.42011	0.00536329	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
268	458682.27, 3755942.92	26.37671	0.00660436	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
269	458682.27, 3755972.92	32.44431	0.0081236	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
270	458682.27, 3756002.92	39.68105	0.00993558	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
271	458682.27, 3756032.92	47.81072	0.01197113	4.1E-06	1.3E-05	7.2E-06	6.6E-06	3.0E-06	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
272	458682.27, 3756062.92	55.98795	0.01401859	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
273	458682.27, 3756092.92	62.51378	0.01565257	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
274	458682.27, 3756122.92	65.21842	0.01632977	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
275	458712.27, 3755792.92	9.20653	0.00230519	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.5E-10	6.0E-09	3.6E-09	3.3E-09	7.2E-10	1.4E-08
276	458712.27, 3755822.92	10.99111	0.00275202	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.0E-10	7.1E-09	4.3E-09	3.9E-09	8.6E-10	1.7E-08
277	458712.27, 3755852.92	13.3074	0.00333199	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.7E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
278	458712.27, 3755882.92	16.35493	0.00409504	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
279	458712.27, 3755912.92	20.39301	0.00510612	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
280	458712.27, 3755942.92	25.67187	0.00642787	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
281	458712.27, 3755972.92	32.51453	0.00814118	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
282	458712.27, 3756002.92	41.26548	0.01033229	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
283	458712.27, 3756032.92	51.91584	0.01299899	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.8E-08
284	458712.27, 3756062.92	63.88322	0.01599546	5.5E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
285	458712.27, 3756092.92	75.25959	0.01884394	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
286	458712.27, 3756122.92	82.47533	0.02065066	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.4E-09	1.2E-07
287	458712.27, 3756152.92	82.38775	0.02062873	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.4E-09	1.2E-07
288	458742.27, 3755792.92	8.53107	0.00213606	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.3E-10	5.5E-09	3.4E-09	3.1E-09	6.7E-10	1.3E-08
289	458742.27, 3755822.92	10.1418	0.00253936	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
290	458742.27, 3755852.92	12.25467	0.0030684	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.3E-10	8.0E-09	4.8E-09	4.4E-09	9.6E-10	1.8E-08
291	458742.27, 3755882.92	15.07794	0.0037753	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	4.1E-10	9.8E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
292	458742.27, 3755912.92	18.93188	0.00474028	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
293	458742.27, 3755942.92	24.21427	0.00606291	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
294	458742.27, 3755972.92	31.42938	0.00786947	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
295	458742.27, 3756002.92	41.32455	0.01034708	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
296	458742.27, 3756032.92	54.56547	0.01366242	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.5E-09	3.5E-08	2.2E-08	2.0E-08	4.3E-09	8.2E-08

297	458742.27, 3756062.92	71.27057	0.01784515	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	1.9E-09	4.6E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
298	458742.27, 3756092.92	90.07882	0.02255447	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
299	458742.27, 3756122.92	105.90639	0.02651747	9.2E-06	2.8E-05	1.6E-05	1.5E-05	6.6E-06	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
300	458742.27, 3756152.92	111.07125	0.02781068	9.6E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
301	458742.27, 3756182.92	105.21332	0.02634393	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
302	458772.27, 3755792.92	7.90654	0.00197969	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.2E-10	1.2E-08
303	458772.27, 3755822.92	9.34549	0.00233998	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-10	6.1E-09	3.7E-09	3.3E-09	7.3E-10	1.4E-08
304	458772.27, 3755852.92	11.22797	0.00281133	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
305	458772.27, 3755882.92	13.75001	0.00344281	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
306	458772.27, 3755912.92	17.23885	0.00431637	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08
307	458772.27, 3755942.92	22.17326	0.00555187	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	6.0E-10	1.4E-08	8.8E-09	7.9E-09	1.7E-09	3.3E-08
308	458772.27, 3755972.92	29.25223	0.00732435	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	7.9E-10	1.9E-08	1.2E-08	1.0E-08	2.3E-09	4.4E-08
309	458772.27, 3756002.92	39.54873	0.00990244	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
310	458772.27, 3756032.92	54.6782	0.01369065	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
311	458772.27, 3756062.92	76.29949	0.01910432	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.2E-07
312	458772.27, 3756092.92	105.0867	0.02631223	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
313	458772.27, 3756122.92	136.66121	0.03421804	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.6E-06	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
314	458772.27, 3756152.92	156.49062	0.03918305	1.4E-05	4.1E-05	2.4E-05	2.1E-05	9.8E-06	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
315	458772.27, 3756182.92	152.69344	0.03823229	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.6E-06	4.1E-09	9.9E-08	6.0E-08	5.5E-08	1.2E-08	2.3E-07
316	458802.27, 3755792.92	7.32737	0.00183467	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.0E-10	4.8E-09	2.9E-09	2.6E-09	5.7E-10	1.1E-08
317	458802.27, 3755822.92	8.60674	0.00215501	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-10	5.6E-09	3.4E-09	3.1E-09	6.7E-10	1.3E-08
318	458802.27, 3755852.92	10.26864	0.00257112	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	2.8E-10	6.7E-09	4.1E-09	3.7E-09	8.0E-10	1.6E-08
319	458802.27, 3755882.92	12.47968	0.00312474	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.4E-10	8.1E-09	4.9E-09	4.5E-09	9.8E-10	1.9E-08
320	458802.27, 3755912.92	15.5255	0.00388737	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	4.2E-10	1.0E-08	6.1E-09	5.6E-09	1.2E-09	2.3E-08
321	458802.27, 3755942.92	19.881	0.00497792	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.4E-10	1.3E-08	7.9E-09	7.1E-09	1.6E-09	3.0E-08
322	458802.27, 3755972.92	26.30638	0.00658675	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
323	458802.27, 3756002.92	36.07519	0.00903272	3.1E-06	9.4E-06	5.5E-06	5.0E-06	2.3E-06	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
324	458802.27, 3756032.92	51.50189	0.01289535	4.5E-06	1.3E-05	7.8E-06	7.1E-06	3.2E-06	1.4E-09	3.4E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
325	458802.27, 3756062.92	76.44871	0.01914168	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.2E-07
326	458802.27, 3756092.92	115.96117	0.02903504	1.0E-05	3.0E-05	1.8E-05	1.6E-05	7.3E-06	3.1E-09	7.5E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
327	458802.27, 3756122.92	172.88698	0.04328846	1.5E-05	4.5E-05	2.6E-05	2.4E-05	1.1E-05	4.7E-09	1.1E-07	6.8E-08	6.2E-08	1.4E-08	2.6E-07
328	458802.27, 3756152.92	230.96082	0.05782933	2.0E-05	6.0E-05	3.5E-05	3.2E-05	1.4E-05	6.2E-09	1.5E-07	9.1E-08	8.3E-08	1.8E-08	3.5E-07
329	458802.27, 3756182.92	244.47928	0.06121417	2.1E-05	6.4E-05	3.7E-05	3.4E-05	1.5E-05	6.6E-09	1.6E-07	9.7E-08	8.8E-08	1.9E-08	3.7E-07
330	458802.27, 3756212.92	214.20837	0.05363476	1.9E-05	5.6E-05	3.2E-05	2.9E-05	1.3E-05	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
331	458832.27, 3755792.92	6.76753	0.00169449	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
332	458832.27, 3755822.92	7.89907	0.00197782	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.2E-10	1.2E-08
333	458832.27, 3755852.92	9.35922	0.00234342	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-10	6.1E-09	3.7E-09	3.4E-09	7.3E-10	1.4E-08
334	458832.27, 3755882.92	11.28513	0.00282564	9.8E-07	3.0E-06	1.7E-06	1.5E-06	7.1E-07	3.0E-10	7.3E-09	4.5E-09	4.0E-09	8.8E-10	1.7E-08
335	458832.27, 3755912.92	13.90114	0.00348065	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.7E-10	9.0E-09	5.5E-09	5.0E-09	1.1E-09	2.1E-08
336	458832.27, 3755942.92	17.60866	0.00440896	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.7E-10	1.1E-08	7.0E-09	6.3E-09	1.4E-09	2.7E-08
337	458832.27, 3755972.92	23.0841	0.00577993	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	6.2E-10	1.5E-08	9.1E-09	8.3E-09	1.8E-09	3.5E-08
338	458832.27, 3756002.92	31.56502	0.00790344	2.7E-06	8.3E-06	4.8E-06	4.3E-06	2.0E-06	8.5E-10	2.1E-08	1.2E-08	1.1E-08	2.5E-09	4.8E-08
339	458832.27, 3756032.92	45.49455	0.01139119	3.9E-06	1.2E-05	6.9E-06	6.2E-06	2.9E-06	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
340	458832.27, 3756062.92	70.09782	0.01755151	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
341	458832.27, 3756092.92	115.99323	0.02904307	1.0E-05	3.0E-05	1.8E-05	1.6E-05	7.3E-06	3.1E-09	7.5E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
342	458832.27, 3756122.92	203.03216	0.05083639	1.8E-05	5.3E-05	3.1E-05	2.8E-05	1.3E-05	5.5E-09	1.3E-07	8.0E-08	7.3E-08	1.6E-08	3.1E-07
343	458832.27, 3756152.92	346.86505	0.08685012	3.0E-05	9.1E-05	5.3E-05	4.8E-05	2.2E-05	9.3E-09	2.3E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
344	458832.27, 3756182.92	454.74987	0.11386296	3.9E-05	1.2E-04	6.9E-05	6.2E-05	2.8E-05	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
345	458862.27, 3755792.92	6.20633	0.00155398	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.7E-10	4.0E-09	2.5E-09	2.2E-09	4.9E-10	9.4E-09
346	458862.27, 3755822.92	7.19863	0.00180244	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	1.9E-10	4.7E-09	2.8E-09	2.6E-09	5.6E-10	1.1E-08
347	458862.27, 3755852.92	8.46738	0.00212011	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.3E-10	5.5E-09	3.3E-09	3.0E-09	6.6E-10	1.3E-08
348	458862.27, 3755882.92	10.12733	0.00253574	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
349	458862.27, 3755912.92	12.35223	0.00309282	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.3E-10	8.0E-09	4.9E-09	4.4E-09	9.7E-10	1.9E-08
350	458862.27, 3755942.92	15.44061	0.00386611	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	4.2E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
351	458862.27, 3755972.92	19.94147	0.00499306	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.4E-10	1.3E-08	7.9E-09	7.1E-09	1.6E-09	3.0E-08
352	458862.27, 3756002.92	26.84554	0.00672174	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	7.2E-10	1.7E-08	1.1E-08	9.6E-09	2.1E-09	4.1E-08
353	458862.27, 3756032.92	38.18262	0.00956039	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
354	458862.27, 3756062.92	58.75078	0.01471037	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
355	458862.27, 3756092.92	100.87947	0.0252588	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
356	458862.27, 3756122.92	199.87787	0.0500466	1.7E-05	5.2E-05	3.0E-05	2.7E-05	1.3E-05	5.4E-09	1.3E-07	7.9E-08	7.2E-08	1.6E-08	3.0E-07
357	458862.27, 3756152.92	465.1428	0.1164652	4.0E-05	1.2E-04	7.0E-05	6.4E-05	2.9E-05	1.3E-08	3.0E-07	1.8E-07	1.7E-07	3.6E-08	7.0E-07
358	458892.27, 3755792.92	5.6546	0.00141583	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-10	3.7E-09	2.2E-09	2.0E-09	4.4E-10	8.5E-09
359	458892.27, 3755822.92	6.51704	0.00163177	5.6E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.8E-10	4.2E-09	2.6E-09	2.3E-09	5.1E-10	9.8E-09
360	458892.27, 3755852.92	7.60589	0.00190441	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.0E-10	4.9E-09	3.0E-09	2.7E-09	5.9E-10	1.1E-08
361	458892.27, 3755882.92	9.01552	0.00225736	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	2.4E-10	5.9E-09	3.6E-09	3.2E-09	7.0E-10	1.4E-08
362	458892.27, 3755912.92	10.88205	0.00272471	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
363	458892.27, 3755942.92	13.42591	0.00336166	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.6E-10	8.7E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
364	458892.27, 3755972.92	17.04185	0.00426704	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	4.6E-10	1.1E-08	6.7E-09	6.1E-09	1.3E-09	2.6E-08
365	458892.27, 3756002.92	22.44619	0.00562021	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.0E-10	1.5E-08	8.9E-09	8.0E-09	1.8E-09	3.4E-08
366	458892.27, 3756032.92	31.07437	0.00778058	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
367	458892.27, 3756062.92	46.20171	0.01156826	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
368	458892.27, 3756092.92	76.46362	0.01914541	6.6E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.2E-07
369	458922.27, 3755792.92	5.16075	0.00129218	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-10	3.4E-09	2.0E-09	1.8E-09	4.0E-10	7.8E-09
370	458922.27, 3755822.92	5.91407	0.0014808	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.6E-10	3.8E-09	2.3E-09	2.1E-09	4.6E-10	8.9E-09
371	458922.27, 3755852.92	6.85641	0.00171675	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-10	4.5E-09	2.7E-09	2.5E-09	5.4E-10	1.0E-08
372	458922.27, 3755882.92	8.05986	0.00201808	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.2E-10	5.2E-09	3.2E-09	2.9E-09	6.3E-10	1.2E-08

373	458922.27, 3755912.92	9.63659	0.00241287	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.6E-10	6.3E-09	3.8E-09	3.5E-09	7.5E-10	1.5E-08
374	458922.27, 3755942.92	11.75601	0.00294354	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.2E-10	7.6E-09	4.6E-09	4.2E-09	9.2E-10	1.8E-08
375	458922.27, 3755972.92	14.70194	0.00368116	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.1E-09	2.2E-08
376	458922.27, 3756002.92	18.99751	0.00475671	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
377	458922.27, 3756032.92	25.62312	0.00641567	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
378	458922.27, 3756062.92	36.6867	0.00918583	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.5E-08
379	458952.27, 3755792.92	4.78323	0.00119765	4.1E-07	1.3E-06	7.2E-07	6.6E-07	3.0E-07	1.3E-10	3.1E-09	1.9E-09	1.7E-09	3.7E-10	7.2E-09
380	458952.27, 3755822.92	5.46529	0.00136843	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.5E-10	3.6E-09	2.2E-09	2.0E-09	4.3E-10	8.2E-09
381	458952.27, 3755852.92	6.3141	0.00158096	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-10	4.1E-09	2.5E-09	2.3E-09	4.9E-10	9.5E-09
382	458952.27, 3755882.92	7.3924	0.00185095	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.0E-10	4.8E-09	2.9E-09	2.6E-09	5.8E-10	1.1E-08
383	458952.27, 3755912.92	8.7972	0.00220269	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.4E-10	5.7E-09	3.5E-09	3.2E-09	6.9E-10	1.3E-08
384	458952.27, 3755942.92	10.67382	0.00267257	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.9E-10	6.9E-09	4.2E-09	3.8E-09	8.3E-10	1.6E-08
385	458952.27, 3755972.92	13.26387	0.00332109	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.2E-09	4.8E-09	1.0E-09	2.0E-08
386	458952.27, 3756002.92	16.99055	0.00425419	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.6E-10	1.1E-08	6.7E-09	6.1E-09	1.3E-09	2.6E-08
387	458982.27, 3755792.92	4.55096	0.0011395	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-10	3.0E-09	1.8E-09	1.6E-09	3.6E-10	6.9E-09
388	458982.27, 3755822.92	5.20031	0.00130208	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-10	3.4E-09	2.1E-09	1.9E-09	4.1E-10	7.8E-09
389	458982.27, 3755852.92	6.0104	0.00150492	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	1.6E-10	3.9E-09	2.4E-09	2.2E-09	4.7E-10	9.1E-09
390	458982.27, 3755882.92	7.03831	0.00176229	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	1.9E-10	4.6E-09	2.8E-09	2.5E-09	5.5E-10	1.1E-08
391	458982.27, 3755912.92	8.37489	0.00209695	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.2E-07	2.3E-10	5.4E-09	3.3E-09	3.0E-09	6.5E-10	1.3E-08
392	458982.27, 3755942.92	10.15498	0.00254266	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
393	458982.27, 3755972.92	12.59652	0.00315399	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.8E-10	1.9E-08
394	459012.27, 3755792.92	4.44594	0.0011132	3.9E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-10	2.9E-09	1.8E-09	1.6E-09	3.5E-10	6.7E-09
395	459012.27, 3755822.92	5.08741	0.00127382	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.4E-10	3.3E-09	2.0E-09	1.8E-09	4.0E-10	7.7E-09
396	459012.27, 3755852.92	5.88632	0.00147385	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.6E-10	3.8E-09	2.3E-09	2.1E-09	4.6E-10	8.9E-09
397	459012.27, 3755882.92	6.89637	0.00172675	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.9E-10	4.5E-09	2.7E-09	2.5E-09	5.4E-10	1.0E-08
398	459012.27, 3755912.92	8.19792	0.00205264	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.2E-10	5.3E-09	3.2E-09	2.9E-09	6.4E-10	1.2E-08
399	459042.27, 3755792.92	4.41644	0.00110581	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-10	2.9E-09	1.7E-09	1.6E-09	3.5E-10	6.7E-09
400	459042.27, 3755822.92	5.05183	0.00126491	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	1.4E-10	3.3E-09	2.0E-09	1.8E-09	3.9E-10	7.6E-09
401	459042.27, 3755852.92	5.83632	0.00146133	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.6E-10	3.8E-09	2.3E-09	2.1E-09	4.6E-10	8.8E-09
402	459042.27, 3755882.92	6.81803	0.00170714	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
403	459072.27, 3755792.92	4.40456	0.00110284	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.2E-10	2.9E-09	1.7E-09	1.6E-09	3.4E-10	6.6E-09
404	459072.27, 3755822.92	5.02329	0.00125776	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.4E-10	3.3E-09	2.0E-09	1.8E-09	3.9E-10	7.6E-09
405	459102.27, 3755792.92	4.37414	0.00109522	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.2E-10	2.8E-09	1.7E-09	1.6E-09	3.4E-10	6.6E-09
406	458632.68, 3756291.16	31.29966	0.00783699	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
407	458632.68, 3756321.16	27.59173	0.00690858	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
408	458632.68, 3756351.16	24.38932	0.00610674	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	6.6E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
409	458632.68, 3756381.16	21.49875	0.00538298	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.3E-06	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
410	458662.68, 3756291.16	36.63447	0.00917276	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	9.9E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
411	458662.68, 3756321.16	31.78968	0.00795969	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
412	458662.68, 3756351.16	27.60925	0.00691297	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
413	458662.68, 3756381.16	23.81153	0.00596207	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
414	458662.68, 3756411.16	20.35976	0.0050978	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
415	458662.68, 3756441.16	17.35323	0.004345	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
416	458662.68, 3756471.16	14.82301	0.00371147	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	4.0E-10	9.6E-09	5.9E-09	5.3E-09	1.2E-09	2.2E-08
417	458662.68, 3756501.16	12.72488	0.00318613	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	3.4E-10	8.3E-09	5.0E-09	4.6E-09	9.9E-10	1.9E-08
418	458662.68, 3756531.16	10.98714	0.00275103	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.0E-10	7.1E-09	4.3E-09	3.9E-09	8.6E-10	1.7E-08
419	458692.68, 3756291.16	43.45005	0.01087928	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
420	458692.68, 3756321.16	36.92334	0.00924508	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
421	458692.68, 3756351.16	31.26321	0.00782787	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
422	458692.68, 3756381.16	26.21461	0.00656377	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.0E-09	4.0E-08
423	458692.68, 3756411.16	21.86618	0.00547498	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
424	458692.68, 3756441.16	18.28005	0.00457707	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	4.9E-10	1.2E-08	7.2E-09	6.6E-09	1.4E-09	2.8E-08
425	458692.68, 3756471.16	15.37406	0.00384945	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.1E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
426	458692.68, 3756501.16	13.02792	0.00326201	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.5E-10	8.5E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
427	458692.68, 3756531.16	11.13355	0.00278768	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.2E-09	4.4E-09	4.0E-09	8.7E-10	1.7E-08
428	458722.68, 3756291.16	52.35459	0.01310885	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
429	458722.68, 3756321.16	43.15898	0.0108064	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
430	458722.68, 3756351.16	35.25104	0.00882636	3.1E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
431	458722.68, 3756381.16	28.5764	0.00715513	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
432	458722.68, 3756411.16	23.21394	0.00581244	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.3E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
433	458722.68, 3756441.16	19.011	0.00476009	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
434	458722.68, 3756471.16	15.73631	0.00394015	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
435	458722.68, 3756501.16	13.18343	0.00330095	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
436	458722.68, 3756531.16	11.18784	0.00280128	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.7E-10	1.7E-08
437	458752.68, 3756291.16	64.06206	0.01604024	5.6E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
438	458752.68, 3756321.16	50.39619	0.0126185	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.2E-06	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
439	458752.68, 3756351.16	39.26042	0.00983026	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
440	458752.68, 3756381.16	30.65177	0.00767477	2.7E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	8.3E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
441	458752.68, 3756411.16	24.21755	0.00606373	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
442	458752.68, 3756441.16	19.44477	0.0048687	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
443	458752.68, 3756471.16	15.89437	0.00397973	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
444	458752.68, 3756501.16	13.23392	0.00331359	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
445	458752.68, 3756531.16	11.21089	0.00280705	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
446	458782.68, 3756291.16	79.08676	0.01980221	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
447	458782.68, 3756321.16	58.04501	0.01453365	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.8E-08
448	458782.68, 3756351.16	42.73183	0.01069945	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.5E-08

449	458782.68, 3756381.16	32.08536	0.00803372	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	8.6E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.8E-08
450	458782.68, 3756411.16	24.73582	0.0061935	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.6E-06	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
451	458782.68, 3756441.16	19.60483	0.00490877	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.0E-09	1.5E-09	3.0E-08
452	458782.68, 3756471.16	15.95108	0.00399393	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
453	458782.68, 3756501.16	13.27871	0.0033248	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
454	458782.68, 3756531.16	11.26621	0.0028209	9.8E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	3.0E-10	7.3E-09	4.5E-09	4.0E-09	8.8E-10	1.7E-08
455	458812.68, 3756291.16	96.5071	0.02416402	8.4E-06	2.5E-05	1.5E-05	1.3E-05	6.0E-06	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.5E-09	1.5E-07
456	458812.68, 3756321.16	64.57889	0.01616964	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.0E-06	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.0E-09	9.7E-08
457	458812.68, 3756351.16	44.88407	0.01123834	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
458	458812.68, 3756381.16	32.70011	0.00818765	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.0E-06	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
459	458812.68, 3756411.16	24.90328	0.00623543	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.8E-08
460	458812.68, 3756441.16	19.68682	0.0049293	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
461	458812.68, 3756471.16	16.03101	0.00401394	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.3E-09	2.4E-08
462	458812.68, 3756501.16	13.35912	0.00334494	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.6E-10	8.7E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
463	458812.68, 3756531.16	11.33556	0.00283826	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.1E-10	7.4E-09	4.5E-09	4.1E-09	8.9E-10	1.7E-08
464	458842.68, 3756291.16	111.47251	0.02791115	9.7E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
465	458842.68, 3756321.16	68.04	0.01703626	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.3E-06	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
466	458842.68, 3756351.16	45.60122	0.0114179	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
467	458842.68, 3756381.16	32.88187	0.00823316	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.9E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
468	458842.68, 3756411.16	25.00498	0.00626089	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	6.7E-10	1.6E-08	9.9E-09	9.0E-09	2.0E-09	3.8E-08
469	458842.68, 3756441.16	19.7712	0.00495043	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
470	458842.68, 3756471.16	16.08048	0.00402633	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
471	458842.68, 3756501.16	13.37342	0.00334852	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.6E-10	8.7E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
472	458842.68, 3756531.16	11.31958	0.00283426	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.0E-10	7.4E-09	4.5E-09	4.1E-09	8.8E-10	1.7E-08
473	458872.68, 3756291.16	117.4738	0.02941378	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.4E-06	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.2E-09	1.8E-07
474	458872.68, 3756321.16	68.6628	0.0171922	6.0E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	1.8E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
475	458872.68, 3756351.16	45.62174	0.01142304	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
476	458872.68, 3756381.16	32.80988	0.00821513	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
477	458872.68, 3756411.16	24.88954	0.00623199	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.8E-08
478	458872.68, 3756441.16	19.62289	0.0049133	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.3E-10	1.3E-08	7.8E-09	7.0E-09	1.5E-09	3.0E-08
479	458872.68, 3756471.16	15.90711	0.00398292	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
480	458872.68, 3756501.16	13.19799	0.00330459	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
481	458872.68, 3756531.16	11.1507	0.00279198	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.7E-10	1.7E-08
482	458902.68, 3756291.16	113.74071	0.02847907	9.9E-06	3.0E-05	1.7E-05	1.6E-05	7.1E-06	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
483	458902.68, 3756321.16	66.41636	0.01662972	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
484	458902.68, 3756351.16	44.16959	0.01105944	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.5E-09	6.7E-08
485	458902.68, 3756381.16	31.78951	0.00795965	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
486	458902.68, 3756411.16	24.12953	0.00604169	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	6.5E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
487	458902.68, 3756441.16	19.02881	0.00476455	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
488	458902.68, 3756471.16	15.44298	0.0038667	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	4.2E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
489	458902.68, 3756501.16	12.82332	0.00321078	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.5E-10	8.3E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
490	458902.68, 3756531.16	10.8432	0.00271498	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
491	458932.68, 3756291.16	100.14776	0.02507559	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
492	458932.68, 3756321.16	59.62591	0.01492949	5.2E-06	1.6E-05	9.0E-06	8.2E-06	3.7E-06	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
493	458932.68, 3756351.16	40.37338	0.01010893	3.5E-06	1.1E-05	6.1E-06	5.5E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.2E-09	6.1E-08
494	458932.68, 3756381.16	29.48681	0.00738308	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	7.9E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
495	458932.68, 3756411.16	22.64014	0.00566877	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
496	458932.68, 3756441.16	18.01369	0.00451037	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	4.9E-10	1.2E-08	7.1E-09	6.5E-09	1.4E-09	2.7E-08
497	458932.68, 3756471.16	14.72493	0.00368691	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.2E-09	2.2E-08
498	458932.68, 3756501.16	12.29011	0.00307727	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.3E-10	8.0E-09	4.9E-09	4.4E-09	9.6E-10	1.9E-08
499	458932.68, 3756531.16	10.43647	0.00261315	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	2.8E-10	6.8E-09	4.1E-09	3.7E-09	8.2E-10	1.6E-08
500	458962.68, 3756291.16	90.58507	0.02268122	7.9E-06	2.4E-05	1.4E-05	1.2E-05	5.7E-06	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.1E-09	1.4E-07
501	458962.68, 3756321.16	53.8149	0.01347449	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
502	458962.68, 3756351.16	36.41283	0.00911726	3.2E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
503	458962.68, 3756381.16	26.75697	0.00669957	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	7.2E-10	1.7E-08	1.1E-08	9.6E-09	2.1E-09	4.0E-08
504	458962.68, 3756411.16	20.75114	0.00519579	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	5.6E-10	1.3E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
505	458962.68, 3756441.16	16.69893	0.00418118	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
506	458962.68, 3756471.16	13.79062	0.00345298	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	9.0E-09	5.5E-09	4.9E-09	1.1E-09	2.1E-08
507	458962.68, 3756501.16	11.61152	0.00290736	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.1E-10	7.6E-09	4.6E-09	4.2E-09	9.1E-10	1.8E-08
508	458962.68, 3756531.16	9.93178	0.00248678	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.7E-10	6.5E-09	3.9E-09	3.6E-09	7.8E-10	1.5E-08
509	458992.68, 3756291.16	82.95828	0.02077158	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
510	458992.68, 3756321.16	50.9548	0.01275836	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
511	458992.68, 3756351.16	34.49964	0.00863822	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
512	458992.68, 3756381.16	25.06615	0.00627621	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	6.8E-10	1.6E-08	9.9E-09	9.0E-09	2.0E-09	3.8E-08
513	458992.68, 3756411.16	19.26112	0.00482271	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
514	458992.68, 3756441.16	15.4603	0.00387104	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	4.2E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
515	458992.68, 3756471.16	12.81174	0.00320788	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.5E-10	8.3E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
516	458992.68, 3756501.16	10.85322	0.00271749	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
517	458992.68, 3756531.16	9.34304	0.00233937	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-10	6.1E-09	3.7E-09	3.3E-09	7.3E-10	1.4E-08
518	459022.68, 3756291.16	74.29089	0.01860139	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.7E-06	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
519	459022.68, 3756321.16	47.24279	0.01182893	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
520	459022.68, 3756351.16	33.11861	0.00829243	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
521	459022.68, 3756381.16	24.34705	0.00609616	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	6.6E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
522	459022.68, 3756411.16	18.59914	0.00465696	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
523	459022.68, 3756441.16	14.75269	0.00369387	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.2E-09	2.2E-08
524	459022.68, 3756471.16	12.10977	0.00303212	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.3E-10	7.9E-09	4.8E-09	4.3E-09	9.5E-10	1.8E-08

525	459022.68, 3756501.16	10.2108	0.00255664	8.9E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.7E-10	6.6E-09	4.0E-09	3.7E-09	8.0E-10	1.5E-08
526	459022.68, 3756531.16	8.78372	0.00219932	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.4E-10	5.7E-09	3.5E-09	3.1E-09	6.9E-10	1.3E-08
527	459052.68, 3756291.16	67.42276	0.01688171	5.8E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
528	459052.68, 3756321.16	42.88711	0.01073833	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
529	459052.68, 3756351.16	30.93455	0.00774558	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	8.3E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
530	459052.68, 3756381.16	23.42755	0.00586593	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.3E-10	1.5E-08	9.3E-09	8.4E-09	1.8E-09	3.5E-08
531	459052.68, 3756411.16	18.21025	0.00455959	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
532	459052.68, 3756441.16	14.48252	0.00362622	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
533	459052.68, 3756471.16	11.79857	0.0029542	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.2E-10	7.7E-09	4.7E-09	4.2E-09	9.2E-10	1.8E-08
534	459052.68, 3756501.16	9.84908	0.00246607	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.7E-10	6.4E-09	3.9E-09	3.5E-09	7.7E-10	1.5E-08
535	459052.68, 3756531.16	8.40059	0.00210339	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.3E-10	5.5E-09	3.3E-09	3.0E-09	6.6E-10	1.3E-08
536	459082.68, 3756291.16	62.06128	0.01553927	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	1.7E-09	4.0E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
537	459082.68, 3756321.16	39.03922	0.00977487	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.4E-06	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
538	459082.68, 3756351.16	28.33012	0.00709346	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
539	459082.68, 3756381.16	21.97411	0.00550201	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
540	459082.68, 3756411.16	17.52487	0.00438798	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.7E-10	1.1E-08	6.9E-09	6.3E-09	1.4E-09	2.6E-08
541	459082.68, 3756441.16	14.19375	0.00355391	1.2E-06	3.7E-06	2.2E-06	1.9E-06	8.9E-07	3.8E-10	9.2E-09	5.6E-09	5.1E-09	1.1E-09	2.1E-08
542	459082.68, 3756471.16	11.65234	0.00291758	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.1E-10	7.6E-09	4.6E-09	4.2E-09	9.1E-10	1.8E-08
543	459082.68, 3756501.16	9.71523	0.00243256	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-10	6.3E-09	3.8E-09	3.5E-09	7.6E-10	1.5E-08
544	459082.68, 3756531.16	8.20485	0.00205438	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.2E-10	5.3E-09	3.2E-09	2.9E-09	6.4E-10	1.2E-08
545	459112.68, 3756291.16	55.9223	0.01400216	4.8E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
546	459112.68, 3756321.16	35.12249	0.00879418	3.0E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
547	459112.68, 3756351.16	25.47727	0.00637915	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
548	459112.68, 3756381.16	20.35746	0.00509722	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
549	459112.68, 3756411.16	16.54291	0.00414211	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.5E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
550	459112.68, 3756441.16	13.65873	0.00341995	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
551	459112.68, 3756471.16	11.39811	0.00285393	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.1E-10	7.4E-09	4.5E-09	4.1E-09	8.9E-10	1.7E-08
552	459112.68, 3756501.16	9.57883	0.0023984	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.6E-10	6.2E-09	3.8E-09	3.4E-09	7.5E-10	1.4E-08
553	459112.68, 3756531.16	8.12609	0.00203466	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.2E-10	5.3E-09	3.2E-09	2.9E-09	6.4E-10	1.2E-08
554	459142.68, 3756291.16	51.87893	0.01298975	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.8E-08
555	459142.68, 3756321.16	32.48608	0.00813406	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
556	459142.68, 3756351.16	23.31981	0.00583895	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.3E-10	1.5E-08	9.2E-09	8.4E-09	1.8E-09	3.5E-08
557	459142.68, 3756381.16	18.56825	0.00464923	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.0E-10	1.2E-08	7.3E-09	6.7E-09	1.5E-09	2.8E-08
558	459142.68, 3756411.16	15.35623	0.00384498	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.1E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
559	459142.68, 3756441.16	12.94428	0.00324107	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	2.0E-08
560	459142.68, 3756471.16	10.91683	0.00273342	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
561	459142.68, 3756501.16	9.3381	0.00233813	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-10	6.1E-09	3.7E-09	3.3E-09	7.3E-10	1.4E-08
562	459142.68, 3756531.16	8.00621	0.00200464	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.2E-10	5.2E-09	3.2E-09	2.9E-09	6.3E-10	1.2E-08
563	459172.68, 3756291.16	48.18775	0.01206553	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
564	459172.68, 3756321.16	30.22281	0.00756737	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
565	459172.68, 3756351.16	21.66777	0.0054253	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.8E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
566	459172.68, 3756381.16	17.14109	0.00429189	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-10	1.1E-08	6.8E-09	6.1E-09	1.3E-09	2.6E-08
567	459172.68, 3756411.16	14.27116	0.0035733	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	3.8E-10	9.3E-09	5.6E-09	5.1E-09	1.1E-09	2.2E-08
568	459172.68, 3756441.16	12.10033	0.00302975	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.3E-10	7.9E-09	4.8E-09	4.3E-09	9.5E-10	1.8E-08
569	459172.68, 3756471.16	10.36138	0.00259434	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	2.8E-10	6.7E-09	4.1E-09	3.7E-09	8.1E-10	1.6E-08
570	459172.68, 3756501.16	8.96498	0.0022447	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.4E-10	5.8E-09	3.5E-09	3.2E-09	7.0E-10	1.4E-08
571	459172.68, 3756531.16	7.78292	0.00194873	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.1E-10	1.2E-08
572	459202.68, 3756291.16	45.17892	0.01131216	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
573	459202.68, 3756321.16	28.44273	0.00712166	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
574	459202.68, 3756351.16	20.39213	0.0051059	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
575	459202.68, 3756381.16	16.09021	0.00402876	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.3E-10	1.0E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
576	459202.68, 3756411.16	13.39274	0.00335335	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.6E-10	8.7E-09	5.3E-09	4.8E-09	1.0E-09	2.0E-08
577	459202.68, 3756441.16	11.3934	0.00285275	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.1E-10	7.4E-09	4.5E-09	4.1E-09	8.9E-10	1.7E-08
578	459202.68, 3756471.16	9.81401	0.00245729	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-10	6.4E-09	3.9E-09	3.5E-09	7.7E-10	1.5E-08
579	459202.68, 3756501.16	8.54326	0.00213911	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-10	5.6E-09	3.4E-09	3.1E-09	6.7E-10	1.3E-08
580	459202.68, 3756531.16	7.49741	0.00187725	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.0E-10	4.9E-09	3.0E-09	2.7E-09	5.9E-10	1.1E-08
581	459232.68, 3756291.16	42.2923	0.0105894	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
582	459232.68, 3756321.16	27.37214	0.0068536	2.4E-06	7.2E-06	4.1E-06	3.8E-06	1.7E-06	7.4E-10	1.8E-08	1.1E-08	9.8E-09	2.1E-09	4.1E-08
583	459232.68, 3756351.16	19.40287	0.00485821	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
584	459232.68, 3756381.16	15.14984	0.00379331	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.1E-10	9.9E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
585	459232.68, 3756411.16	12.56353	0.00314573	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.8E-10	1.9E-08
586	459232.68, 3756441.16	10.73913	0.00268893	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.9E-10	7.0E-09	4.2E-09	3.8E-09	8.4E-10	1.6E-08
587	459232.68, 3756471.16	9.30408	0.00232961	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.5E-10	6.1E-09	3.7E-09	3.3E-09	7.3E-10	1.4E-08
588	459232.68, 3756501.16	8.13778	0.00203759	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.2E-10	5.3E-09	3.2E-09	2.9E-09	6.4E-10	1.2E-08
589	459232.68, 3756531.16	7.18284	0.00179848	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	1.9E-10	4.7E-09	2.8E-09	2.6E-09	5.6E-10	1.1E-08
590	459262.68, 3756291.16	39.33383	0.00984864	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
591	459262.68, 3756321.16	26.46129	0.00662553	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
592	459262.68, 3756351.16	18.52685	0.00463886	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
593	459262.68, 3756381.16	14.23714	0.00356478	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	3.8E-10	9.3E-09	5.6E-09	5.1E-09	1.1E-09	2.1E-08
594	459262.68, 3756411.16	11.77201	0.00294755	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.2E-10	7.7E-09	4.7E-09	4.2E-09	9.2E-10	1.8E-08
595	459262.68, 3756441.16	10.13225	0.00253697	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
596	459262.68, 3756471.16	8.83475	0.0022121	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.4E-10	5.7E-09	3.5E-09	3.2E-09	6.9E-10	1.3E-08
597	459262.68, 3756501.16	7.75087	0.00194071	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-10	5.0E-09	3.1E-09	2.8E-09	6.1E-10	1.2E-08
598	459262.68, 3756531.16	6.86087	0.00171787	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-10	4.5E-09	2.7E-09	2.5E-09	5.4E-10	1.0E-08
599	459292.68, 3756291.16	36.80041	0.0092143	3.2E-06	9.6E-06	5.6E-06	5.1E-06	2.3E-06	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
600	459292.68, 3756321.16	25.43731	0.00636914	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.9E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08

601	459292.68, 3756351.16	17.9246	0.00448807	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	4.8E-10	1.2E-08	7.1E-09	6.4E-09	1.4E-09	2.7E-08
602	459292.68, 3756381.16	13.6644	0.00342137	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
603	459292.68, 3756411.16	11.23141	0.00281219	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
604	459292.68, 3756441.16	9.61781	0.00240816	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.6E-10	6.3E-09	3.8E-09	3.4E-09	7.5E-10	1.5E-08
605	459292.68, 3756471.16	8.40193	0.00210372	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.3E-10	5.5E-09	3.3E-09	3.0E-09	6.6E-10	1.3E-08
606	459292.68, 3756501.16	7.39667	0.00185202	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.0E-10	4.8E-09	2.9E-09	2.7E-09	5.8E-10	1.1E-08
607	459292.68, 3756531.16	6.55242	0.00164063	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.8E-10	4.3E-09	2.6E-09	2.3E-09	5.1E-10	9.9E-09
608	459322.68, 3756291.16	34.45953	0.00862818	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
609	459322.68, 3756321.16	24.35107	0.00609716	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	6.6E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
610	459322.68, 3756351.16	17.3182	0.00433623	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
611	459322.68, 3756381.16	13.18871	0.00330227	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	3.6E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
612	459322.68, 3756411.16	10.77413	0.00269769	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	2.9E-10	7.0E-09	4.3E-09	3.9E-09	8.4E-10	1.6E-08
613	459322.68, 3756441.16	9.16875	0.00229573	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.5E-10	6.0E-09	3.6E-09	3.3E-09	7.2E-10	1.4E-08
614	459322.68, 3756471.16	8.01558	0.00200699	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.2E-10	5.2E-09	3.2E-09	2.9E-09	6.3E-10	1.2E-08
615	459322.68, 3756501.16	7.07341	0.00177108	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	1.9E-10	4.6E-09	2.8E-09	2.5E-09	5.5E-10	1.1E-08
616	459322.68, 3756531.16	6.26045	0.00156753	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.7E-10	4.1E-09	2.5E-09	2.2E-09	4.9E-10	9.5E-09
617	459352.68, 3756291.16	31.98198	0.00800784	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
618	459352.68, 3756321.16	23.09068	0.00578158	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	6.2E-10	1.5E-08	9.1E-09	8.3E-09	1.8E-09	3.5E-08
619	459352.68, 3756351.16	16.50728	0.00413319	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
620	459352.68, 3756381.16	12.50616	0.00313137	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	3.4E-10	8.1E-09	4.9E-09	4.5E-09	9.8E-10	1.9E-08
621	459352.68, 3756411.16	10.22211	0.00255947	8.9E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.8E-10	6.6E-09	4.0E-09	3.7E-09	8.0E-10	1.5E-08
622	459352.68, 3756441.16	8.7474	0.00219023	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.4E-10	5.7E-09	3.5E-09	3.1E-09	6.8E-10	1.3E-08
623	459352.68, 3756471.16	7.67176	0.0019209	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.1E-10	5.0E-09	3.0E-09	2.7E-09	6.0E-10	1.2E-08
624	459352.68, 3756501.16	6.77375	0.00169605	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
625	459352.68, 3756531.16	5.99075	0.0015	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.6E-10	3.9E-09	2.4E-09	2.1E-09	4.7E-10	9.0E-09
626	459382.68, 3756291.16	29.65739	0.00742579	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
627	459382.68, 3756321.16	21.84002	0.00546843	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
628	459382.68, 3756351.16	15.86651	0.00397275	1.4E-06	4.2E-06	2.4E-06	2.2E-06	9.9E-07	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
629	459382.68, 3756381.16	12.03543	0.0030135	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	3.2E-10	7.8E-09	4.8E-09	4.3E-09	9.4E-10	1.8E-08
630	459382.68, 3756411.16	9.77867	0.00244844	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-10	6.4E-09	3.9E-09	3.5E-09	7.6E-10	1.5E-08
631	459382.68, 3756441.16	8.37458	0.00209688	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.2E-07	2.3E-10	5.4E-09	3.3E-09	3.0E-09	6.5E-10	1.3E-08
632	459382.68, 3756471.16	7.35114	0.00184062	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.0E-10	4.8E-09	2.9E-09	2.6E-09	5.7E-10	1.1E-08
633	459382.68, 3756501.16	6.48953	0.00162489	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.7E-10	4.2E-09	2.6E-09	2.3E-09	5.1E-10	9.8E-09
634	459382.68, 3756531.16	5.74376	0.00143816	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.5E-10	3.7E-09	2.3E-09	2.1E-09	4.5E-10	8.7E-09
635	458633.73, 3756194.08	41.22388	0.01032188	3.6E-06	1.1E-05	6.2E-06	5.7E-06	2.6E-06	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
636	458633.73, 3756224.08	39.31486	0.00984389	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
637	458663.73, 3756164.08	53.58364	0.01341659	4.6E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
638	458663.73, 3756194.08	50.6922	0.01269261	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
639	458663.73, 3756224.08	47.87541	0.01198733	4.1E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
640	458693.73, 3756164.08	68.3302	0.01710892	5.9E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
641	458693.73, 3756194.08	64.14409	0.01606078	5.6E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
642	458693.73, 3756224.08	59.8166	0.01497723	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.7E-06	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
643	458723.73, 3756194.08	84.23374	0.02109094	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.3E-06	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
644	458723.73, 3756224.08	77.24732	0.01934164	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	2.1E-09	5.0E-08	3.1E-08	2.8E-08	6.0E-09	1.2E-07
645	458753.73, 3756224.08	104.31559	0.02611915	9.0E-06	2.7E-05	1.6E-05	1.4E-05	6.5E-06	2.8E-09	6.8E-08	4.1E-08	3.7E-08	8.2E-09	1.6E-07
646	458783.73, 3756224.08	150.09105	0.03758068	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	4.0E-09	9.8E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07

Operational Risk - Fueling (Naphthalene)

	Fueling
Emissions Rate (g/s):	2.80E-05

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	Fueling	Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 458909.21, 3756133.18	159.41792	0.0044583	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.6E-09	1.6E-07	9.7E-08	8.8E-08	1.9E-08	3.7E-07
2 458909.21, 3756163.18	508.44478	0.0142193	4.9E-06	1.5E-05	8.6E-06	7.8E-06	3.6E-06	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.1E-08	1.2E-06
3 458939.21, 3756103.18	61.12912	0.0017096	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
4 458939.21, 3756133.18	116.5563	0.0032597	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.8E-09	1.2E-07	7.1E-08	6.4E-08	1.4E-08	2.7E-07
5 458939.21, 3756163.18	379.09076	0.0106018	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.6E-08	3.8E-07	2.3E-07	2.1E-07	4.6E-08	8.8E-07
6 458969.21, 3756043.18	24.23088	0.0006776	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
7 458969.21, 3756073.18	34.59823	0.0009676	3.3E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.0E-08
8 458969.21, 3756103.18	54.95216	0.0015368	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
9 458969.21, 3756133.18	115.61976	0.0032335	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.8E-09	1.2E-07	7.0E-08	6.4E-08	1.4E-08	2.7E-07
10 458969.21, 3756163.18	408.6261	0.0114278	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.7E-08	4.1E-07	2.5E-07	2.3E-07	4.9E-08	9.5E-07
11 458969.21, 3756193.18	223	0.0062365	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	9.3E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
12 458969.21, 3756223.18	1047.39002	0.0292917	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
13 458999.21, 3756013.18	17.16561	0.0004801	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
14 458999.21, 3756043.18	22.86453	0.0006394	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
15 458999.21, 3756073.18	32.70999	0.0009148	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
16 458999.21, 3756103.18	55.40882	0.0015496	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
17 458999.21, 3756133.18	128.82269	0.0036027	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.6E-08	3.0E-07
18 458999.21, 3756163.18	358.22411	0.0100182	3.5E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.3E-07
19 458999.21, 3756193.18	735.00283	0.0205554	7.1E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	3.0E-08	7.4E-07	4.5E-07	4.1E-07	8.9E-08	1.7E-06
20 458999.21, 3756223.18	613.73191	0.0171638	5.9E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	2.5E-08	6.2E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
21 459029.21, 3755953.18	10.46709	0.0002927	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.3E-10	1.0E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
22 459029.21, 3755983.18	12.92219	0.0003614	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	5.4E-10	1.3E-08	7.9E-09	7.1E-09	1.6E-09	3.0E-08
23 459029.21, 3756013.18	16.39912	0.0004586	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.8E-10	1.6E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
24 459029.21, 3756043.18	21.91228	0.0006128	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
25 459029.21, 3756073.18	32.73476	0.0009155	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
26 459029.21, 3756103.18	59.95768	0.0016768	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.5E-09	6.0E-08	3.7E-08	3.3E-08	7.2E-09	1.4E-07
27 459029.21, 3756133.18	133.39143	0.0037305	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.5E-09	1.3E-07	8.1E-08	7.4E-08	1.6E-08	3.1E-07
28 459029.21, 3756163.18	286.9038	0.0080237	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	1.2E-08	2.9E-07	1.7E-07	1.6E-07	3.5E-08	6.7E-07
29 459029.21, 3756193.18	458.89717	0.0128337	4.4E-06	1.3E-05	7.8E-06	7.0E-06	3.2E-06	1.9E-08	4.6E-07	2.8E-07	2.5E-07	5.5E-08	1.1E-06
30 459029.21, 3756223.18	403.037	0.0112715	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.7E-08	4.0E-07	2.5E-07	2.2E-07	4.9E-08	9.4E-07
31 459059.21, 3755923.18	8.44231	0.0002361	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-10	8.5E-09	5.1E-09	4.7E-09	1.0E-09	2.0E-08
32 459059.21, 3755953.18	10.12614	0.0002832	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
33 459059.21, 3755983.18	12.40899	0.000347	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	5.1E-10	1.2E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
34 459059.21, 3756013.18	15.82573	0.0004426	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
35 459059.21, 3756043.18	21.87972	0.0006119	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
36 459059.21, 3756073.18	34.74304	0.0009716	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
37 459059.21, 3756103.18	64.69586	0.0018093	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
38 459059.21, 3756133.18	127.90145	0.0035769	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
39 459059.21, 3756163.18	227.75812	0.0063696	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	9.4E-09	2.3E-07	1.4E-07	1.3E-07	2.7E-08	5.3E-07
40 459059.21, 3756193.18	317.08044	0.0088676	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.3E-08	3.2E-07	1.9E-07	1.8E-07	3.8E-08	7.4E-07
41 459059.21, 3756223.18	286.28741	0.0080064	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	1.2E-08	2.9E-07	1.7E-07	1.6E-07	3.4E-08	6.7E-07
42 459089.21, 3755863.18	6.00891	0.000168	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.5E-10	6.0E-09	3.7E-09	3.3E-09	7.2E-10	1.4E-08
43 459089.21, 3755893.18	6.96889	0.0001949	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.9E-10	7.0E-09	4.2E-09	3.8E-09	8.4E-10	1.6E-08
44 459089.21, 3755923.18	8.17586	0.0002286	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.8E-10	1.9E-08
45 459089.21, 3755953.18	9.76066	0.000273	9.4E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	4.0E-10	9.8E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
46 459089.21, 3755983.18	12.02687	0.0003363	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
47 459089.21, 3756013.18	15.73899	0.0004402	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
48 459089.21, 3756043.18	22.76984	0.0006368	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	9.4E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
49 459089.21, 3756073.18	37.37879	0.0010453	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.6E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
50 459089.21, 3756103.18	67.0093	0.001874	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.1E-09	1.6E-07
51 459089.21, 3756133.18	117.57929	0.0032883	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.9E-09	1.2E-07	7.2E-08	6.5E-08	1.4E-08	2.7E-07
52 459089.21, 3756163.18	183.25646	0.005125	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
53 459089.21, 3756193.18	233.98143	0.0065436	2.3E-06	6.8E-06	4.0E-06	3.6E-06	1.6E-06	9.7E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
54 459089.21, 3756223.18	215.17452	0.0060176	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.9E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
55 459119.21, 3755833.18	5.13173	0.0001435	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.2E-10	1.2E-08
56 459119.21, 3755863.18	5.86065	0.0001639	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	2.4E-10	5.9E-09	3.6E-09	3.2E-09	7.1E-10	1.4E-08
57 459119.21, 3755893.18	6.75791	0.000189	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.8E-10	6.8E-09	4.1E-09	3.7E-09	8.1E-10	1.6E-08
58 459119.21, 3755923.18	7.90725	0.0002211	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.3E-10	7.9E-09	4.8E-09	4.4E-09	9.5E-10	1.8E-08
59 459119.21, 3755953.18	9.49176	0.0002654	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.9E-10	9.5E-09	5.8E-09	5.2E-09	1.1E-09	2.2E-08
60 459119.21, 3755983.18	11.93073	0.0003337	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
61 459119.21, 3756013.18	16.15385	0.0004518	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.8E-08
62 459119.21, 3756043.18	24.1531	0.0006755	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
63 459119.21, 3756073.18	39.49478	0.0011045	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
64 459119.21, 3756103.18	66.33357	0.0018551	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.8E-09	6.6E-08	4.0E-08	3.7E-08	8.0E-09	1.5E-07
65 459119.21, 3756133.18	105.38787	0.0029473	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.5E-07
66 459119.21, 3756163.18	149.93456	0.0041931	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	6.2E-09	1.5E-07	9.1E-08	8.3E-08	1.8E-08	3.5E-07

67	459119.21, 3756193.18	180.85414	0.0050578	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	7.5E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
68	459119.21, 3756223.18	168.44218	0.0047107	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	7.0E-09	1.7E-07	1.0E-07	9.3E-08	2.0E-08	3.9E-07
69	459149.21, 3755773.18	3.95961	0.0001107	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.6E-10	4.0E-09	2.4E-09	2.2E-09	4.8E-10	9.2E-09
70	459149.21, 3755803.18	4.43816	0.0001241	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.8E-10	4.4E-09	2.7E-09	2.5E-09	5.3E-10	1.0E-08
71	459149.21, 3755833.18	5.00574	0.00014	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	2.1E-10	5.0E-09	3.0E-09	2.8E-09	6.0E-10	1.2E-08
72	459149.21, 3755863.18	5.69305	0.0001592	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.4E-10	5.7E-09	3.5E-09	3.1E-09	6.9E-10	1.3E-08
73	459149.21, 3755893.18	6.55479	0.0001833	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
74	459149.21, 3755923.18	7.70661	0.0002155	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-10	7.7E-09	4.7E-09	4.3E-09	9.3E-10	1.8E-08
75	459149.21, 3755953.18	9.39512	0.0002627	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
76	459149.21, 3755983.18	12.13794	0.0003395	1.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
77	459149.21, 3756013.18	16.94687	0.0004739	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.0E-10	1.7E-08	1.0E-08	9.4E-09	2.0E-09	3.9E-08
78	459149.21, 3756043.18	25.60163	0.000716	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
79	459149.21, 3756073.18	40.57451	0.0011347	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
80	459149.21, 3756103.18	63.64873	0.00178	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
81	459149.21, 3756133.18	93.52099	0.0026154	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.9E-09	9.4E-08	5.7E-08	5.2E-08	1.1E-08	2.2E-07
82	459149.21, 3756163.18	124.77017	0.0034894	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	5.2E-09	1.3E-07	7.6E-08	6.9E-08	1.5E-08	2.9E-07
83	459149.21, 3756193.18	144.77641	0.0040489	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	6.0E-09	1.5E-07	8.8E-08	8.0E-08	1.7E-08	3.4E-07
84	459149.21, 3756223.18	136.05101	0.0038049	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.6E-09	1.4E-07	8.3E-08	7.5E-08	1.6E-08	3.2E-07
85	459179.21, 3755773.18	3.88061	0.0001085	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.6E-10	3.9E-09	2.4E-09	2.1E-09	4.7E-10	9.0E-09
86	459179.21, 3755803.18	4.33225	0.0001212	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.8E-10	4.3E-09	2.6E-09	2.4E-09	5.2E-10	1.0E-08
87	459179.21, 3755833.18	4.87214	0.0001363	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	2.0E-10	4.9E-09	3.0E-09	2.7E-09	5.9E-10	1.1E-08
88	459179.21, 3755863.18	5.53866	0.0001549	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.3E-10	5.6E-09	3.4E-09	3.1E-09	6.7E-10	1.3E-08
89	459179.21, 3755893.18	6.40683	0.0001792	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.7E-10	6.4E-09	3.9E-09	3.5E-09	7.7E-10	1.5E-08
90	459179.21, 3755923.18	7.62667	0.0002133	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	3.2E-10	7.6E-09	4.6E-09	4.2E-09	9.2E-10	1.8E-08
91	459179.21, 3755953.18	9.49643	0.0002656	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.9E-10	9.5E-09	5.8E-09	5.2E-09	1.1E-09	2.2E-08
92	459179.21, 3755983.18	12.58098	0.0003518	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	5.2E-10	1.3E-08	7.7E-09	6.9E-09	1.5E-09	2.9E-08
93	459179.21, 3756013.18	17.8419	0.000499	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.1E-09	4.1E-08
94	459179.21, 3756043.18	26.67307	0.0007459	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
95	459179.21, 3756073.18	40.53193	0.0011335	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
96	459179.21, 3756103.18	59.89953	0.0016752	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.5E-09	6.0E-08	3.6E-08	3.3E-08	7.2E-09	1.4E-07
97	459179.21, 3756133.18	82.86173	0.0023173	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.4E-09	8.3E-08	5.0E-08	4.6E-08	1.0E-08	1.9E-07
98	459179.21, 3756163.18	105.28934	0.0029446	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
99	459179.21, 3756193.18	118.98126	0.0033275	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.9E-09	1.2E-07	7.2E-08	6.6E-08	1.4E-08	2.8E-07
100	459179.21, 3756223.18	112.57211	0.0031482	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.7E-09	1.1E-07	6.9E-08	6.2E-08	1.4E-08	2.6E-07
101	459209.21, 3755803.18	4.22481	0.0001182	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.8E-10	4.2E-09	2.6E-09	2.3E-09	5.1E-10	9.8E-09
102	459209.21, 3755833.18	4.75201	0.0001329	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	2.0E-10	4.8E-09	2.9E-09	2.6E-09	5.7E-10	1.1E-08
103	459209.21, 3755863.18	5.42253	0.0001516	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.2E-10	5.4E-09	3.3E-09	3.0E-09	6.5E-10	1.3E-08
104	459209.21, 3755893.18	6.32953	0.000177	6.1E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.6E-10	6.3E-09	3.9E-09	3.5E-09	7.6E-10	1.5E-08
105	459209.21, 3755923.18	7.65926	0.0002142	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-10	7.7E-09	4.7E-09	4.2E-09	9.2E-10	1.8E-08
106	459209.21, 3755953.18	9.74156	0.0002724	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	4.0E-10	9.8E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
107	459209.21, 3755983.18	13.1219	0.000367	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.4E-10	1.3E-08	8.0E-09	7.2E-09	1.6E-09	3.1E-08
108	459209.21, 3756013.18	18.63098	0.000521	1.8E-07	5.4E-07	3.2E-07	2.9E-07	1.3E-07	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
109	459209.21, 3756043.18	27.27319	0.0007627	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
110	459209.21, 3756073.18	39.69826	0.0011102	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
111	459209.21, 3756103.18	55.66975	0.0015569	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
112	459209.21, 3756133.18	73.50312	0.0020556	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	3.0E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
113	459209.21, 3756163.18	89.91272	0.0025145	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.7E-09	9.0E-08	5.5E-08	5.0E-08	1.1E-08	2.1E-07
114	459209.21, 3756193.18	99.43469	0.0027808	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	4.1E-09	1.0E-07	6.1E-08	5.5E-08	1.2E-08	2.3E-07
115	459209.21, 3756223.18	94.82813	0.002652	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.9E-09	9.5E-08	5.8E-08	5.2E-08	1.1E-08	2.2E-07
116	459239.21, 3755803.18	4.12832	0.0001155	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.7E-10	4.1E-09	2.5E-09	2.3E-09	5.0E-10	9.6E-09
117	459239.21, 3755833.18	4.6577	0.0001303	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.9E-10	4.7E-09	2.8E-09	2.6E-09	5.6E-10	1.1E-08
118	459239.21, 3755863.18	5.35765	0.0001498	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	2.2E-10	5.4E-09	3.3E-09	3.0E-09	6.5E-10	1.2E-08
119	459239.21, 3755893.18	6.33769	0.0001772	6.1E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.6E-10	6.4E-09	3.9E-09	3.5E-09	7.6E-10	1.5E-08
120	459239.21, 3755923.18	7.79804	0.0002181	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.2E-10	7.8E-09	4.8E-09	4.3E-09	9.4E-10	1.8E-08
121	459239.21, 3755953.18	10.07767	0.0002818	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	4.2E-10	1.0E-08	6.1E-09	5.6E-09	1.2E-09	2.3E-08
122	459239.21, 3755983.18	13.67183	0.0003824	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.7E-10	1.4E-08	8.3E-09	7.5E-09	1.6E-09	3.2E-08
123	459239.21, 3756013.18	19.23103	0.0005378	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
124	459239.21, 3756043.18	27.39572	0.0007662	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
125	459239.21, 3756073.18	38.33036	0.001072	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
126	459239.21, 3756103.18	51.43257	0.0014384	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.1E-09	5.2E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
127	459239.21, 3756133.18	65.37458	0.0018283	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
128	459239.21, 3756163.18	77.74492	0.0021742	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.4E-09	1.8E-07
129	459239.21, 3756193.18	85.67989	0.0023962	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.6E-09	8.6E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
130	459239.21, 3756223.18	81.17341	0.0022701	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.4E-09	8.1E-08	4.9E-08	4.5E-08	9.8E-09	1.9E-07
131	459269.21, 3755833.18	4.60138	0.0001287	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.9E-10	4.6E-09	2.8E-09	2.5E-09	5.5E-10	1.1E-08
132	459269.21, 3755863.18	5.34944	0.0001496	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	2.2E-10	5.4E-09	3.3E-09	3.0E-09	6.4E-10	1.2E-08
133	459269.21, 3755893.18	6.42548	0.0001797	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.7E-10	6.4E-09	3.9E-09	3.5E-09	7.7E-10	1.5E-08
134	459269.21, 3755923.18	8.03188	0.0002246	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	3.3E-10	8.0E-09	4.9E-09	4.4E-09	9.7E-10	1.9E-08
135	459269.21, 3755953.18	10.4801	0.0002931	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.3E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
136	459269.21, 3755983.18	14.19482	0.000397	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
137	459269.21, 3756013.18	19.63284	0.0005491	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
138	459269.21, 3756043.18	27.12276	0.0007585	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
139	459269.21, 3756073.18	36.59619	0.0010235	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
140	459269.21, 3756103.18	47.40801	0.0013258	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07

141	459269.21, 3756133.18	59.21518	0.001656	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
142	459269.21, 3756163.18	69.30561	0.0019382	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
143	459269.21, 3756193.18	74.59379	0.0020861	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	3.1E-09	7.5E-08	4.5E-08	4.1E-08	9.0E-09	1.7E-07
144	459269.21, 3756223.18	71.10934	0.0019887	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	3.0E-09	7.1E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
145	459299.21, 3755863.18	5.39711	0.0001509	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.2E-10	5.4E-09	3.3E-09	3.0E-09	6.5E-10	1.3E-08
146	459299.21, 3755893.18	6.57262	0.0001838	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
147	459299.21, 3755923.18	8.30959	0.0002324	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.4E-10	8.3E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
148	459299.21, 3755953.18	10.87152	0.000304	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
149	459299.21, 3755983.18	14.5995	0.0004083	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	6.1E-10	1.5E-08	8.9E-09	8.1E-09	1.8E-09	3.4E-08
150	459299.21, 3756013.18	19.80741	0.0005539	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
151	459299.21, 3756043.18	26.57801	0.0007433	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
152	459299.21, 3756073.18	34.7176	0.0009709	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
153	459299.21, 3756103.18	44.17688	0.0012355	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
154	459299.21, 3756133.18	53.67826	0.0015012	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.2E-07
155	459299.21, 3756163.18	61.67697	0.0017249	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.4E-09	1.4E-07
156	459299.21, 3756193.18	65.5984	0.0018345	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
157	459299.21, 3756223.18	62.64831	0.001752	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.5E-09	1.5E-07
158	459329.21, 3755863.18	5.4949	0.0001537	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.3E-10	5.5E-09	3.3E-09	3.0E-09	6.6E-10	1.3E-08
159	459329.21, 3755893.18	6.76195	0.0001891	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.8E-10	6.8E-09	4.1E-09	3.7E-09	8.1E-10	1.6E-08
160	459329.21, 3755923.18	8.59339	0.0002403	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.6E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
161	459329.21, 3755953.18	11.21857	0.0003137	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
162	459329.21, 3755983.18	14.86715	0.0004158	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.2E-10	1.5E-08	9.1E-09	8.2E-09	1.8E-09	3.5E-08
163	459329.21, 3756013.18	19.44795	0.0005439	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
164	459329.21, 3756043.18	25.62553	0.0007167	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
165	459329.21, 3756073.18	32.9111	0.0009204	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
166	459329.21, 3756103.18	40.94329	0.001145	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
167	459329.21, 3756133.18	48.74851	0.0013633	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
168	459329.21, 3756163.18	55.07891	0.0015404	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	2.3E-09	5.5E-08	3.4E-08	3.0E-08	6.6E-09	1.3E-07
169	459329.21, 3756193.18	58.13359	0.0016258	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.4E-07
170	459329.21, 3756223.18	55.68288	0.0015572	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
171	459359.21, 3755893.18	6.97069	0.0001949	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.9E-10	7.0E-09	4.2E-09	3.8E-09	8.4E-10	1.6E-08
172	459359.21, 3755923.18	8.87016	0.0002481	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
173	459359.21, 3755953.18	11.50585	0.0003218	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.1E-08	4.8E-10	1.2E-08	7.0E-09	6.4E-09	1.4E-09	2.7E-08
174	459359.21, 3755983.18	14.70081	0.0004111	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
175	459359.21, 3756013.18	19.0295	0.0005322	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.9E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.4E-08
176	459359.21, 3756043.18	24.66544	0.0006898	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
177	459359.21, 3756073.18	31.15699	0.0008713	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.2E-08
178	459359.21, 3756103.18	37.96996	0.0010619	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
179	459359.21, 3756133.18	44.40453	0.0012418	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.8E-09	4.5E-08	2.7E-08	2.5E-08	5.3E-09	1.0E-07
180	459359.21, 3756163.18	49.43471	0.0013825	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.1E-07
181	459359.21, 3756193.18	51.81269	0.001449	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	2.1E-09	5.2E-08	3.2E-08	2.9E-08	6.2E-09	1.2E-07
182	459359.21, 3756223.18	49.85915	0.0013944	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	2.1E-09	5.0E-08	3.0E-08	2.8E-08	6.0E-09	1.2E-07
183	459389.21, 3755923.18	9.1248	0.0002552	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.8E-10	9.1E-09	5.6E-09	5.0E-09	1.1E-09	2.1E-08
184	459389.21, 3755953.18	11.7227	0.0003278	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.9E-10	1.2E-08	7.1E-09	6.5E-09	1.4E-09	2.7E-08
185	459389.21, 3755983.18	14.74108	0.0004123	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
186	459389.21, 3756013.18	18.68465	0.0005225	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.8E-10	1.9E-08	1.1E-08	1.0E-08	2.3E-09	4.3E-08
187	459389.21, 3756043.18	23.69082	0.0006625	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
188	459389.21, 3756073.18	29.43975	0.0008233	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
189	459389.21, 3756103.18	35.24732	0.0009857	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
190	459389.21, 3756133.18	40.52473	0.0011333	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
191	459389.21, 3756163.18	44.51041	0.0012448	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.8E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
192	459389.21, 3756193.18	46.43093	0.0012985	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.2E-07	1.9E-09	4.7E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
193	459389.21, 3756223.18	44.91817	0.0012562	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
194	458472.27, 3755792.92	12.06093	0.0003373	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.4E-08	5.0E-10	1.2E-08	7.3E-09	6.7E-09	1.5E-09	2.8E-08
195	458472.27, 3755822.92	13.3651	0.0003738	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.5E-10	1.3E-08	8.1E-09	7.4E-09	1.6E-09	3.1E-08
196	458472.27, 3755852.92	14.739	0.0004122	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
197	458472.27, 3755882.92	16.17101	0.0004522	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.7E-10	1.6E-08	9.9E-09	8.9E-09	1.9E-09	3.8E-08
198	458472.27, 3755912.92	17.59255	0.000492	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
199	458472.27, 3755942.92	18.93489	0.0005295	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.9E-10	1.9E-08	1.2E-08	1.0E-08	2.3E-09	4.4E-08
200	458472.27, 3755972.92	20.10849	0.0005624	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	8.3E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
201	458472.27, 3756002.92	20.94749	0.0005858	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
202	458502.27, 3755792.92	12.1957	0.0003411	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	5.1E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
203	458502.27, 3755822.92	13.68302	0.0003827	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.7E-10	1.4E-08	8.3E-09	7.6E-09	1.6E-09	3.2E-08
204	458502.27, 3755852.92	15.26649	0.0004269	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	6.3E-10	1.5E-08	9.3E-09	8.4E-09	1.8E-09	3.6E-08
205	458502.27, 3755882.92	16.95102	0.0004741	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.0E-10	1.7E-08	1.0E-08	9.4E-09	2.0E-09	3.9E-08
206	458502.27, 3755912.92	18.69183	0.0005227	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.8E-10	1.9E-08	1.1E-08	1.0E-08	2.3E-09	4.3E-08
207	458502.27, 3755942.92	20.38836	0.0005702	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
208	458502.27, 3755972.92	21.94434	0.0006137	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
209	458502.27, 3756002.92	23.20049	0.0006488	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
210	458502.27, 3756032.92	23.92865	0.0006692	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
211	458532.27, 3755792.92	12.19288	0.000341	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	5.1E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
212	458532.27, 3755822.92	13.86144	0.0003877	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	5.8E-10	1.4E-08	8.4E-09	7.7E-09	1.7E-09	3.2E-08
213	458532.27, 3755852.92	15.68487	0.0004386	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.6E-08
214	458532.27, 3755882.92	17.64235	0.0004934	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08

215	458532.27, 3755912.92	19.73484	0.0005519	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
216	458532.27, 3755942.92	21.86743	0.0006116	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
217	458532.27, 3755972.92	23.90613	0.0006686	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
218	458532.27, 3756002.92	25.69277	0.0007185	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
219	458532.27, 3756032.92	26.94566	0.0007536	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
220	458562.27, 3755792.92	12.03708	0.0003366	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
221	458562.27, 3755822.92	13.86063	0.0003876	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	5.8E-10	1.4E-08	8.4E-09	7.7E-09	1.7E-09	3.2E-08
222	458562.27, 3755852.92	15.92456	0.0004454	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
223	458562.27, 3755882.92	18.19549	0.0005089	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
224	458562.27, 3755912.92	20.66578	0.0005779	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
225	458562.27, 3755942.92	23.30571	0.0006518	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
226	458562.27, 3755972.92	25.96035	0.000726	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
227	458562.27, 3756002.92	28.41214	0.0007946	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
228	458562.27, 3756032.92	30.38137	0.0008497	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	1.3E-09	3.0E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
229	458562.27, 3756062.92	31.44116	0.0008793	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
230	458592.27, 3755792.92	11.71309	0.0003276	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.9E-10	1.2E-08	7.1E-09	6.5E-09	1.4E-09	2.7E-08
231	458592.27, 3755822.92	13.6565	0.0003819	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.7E-10	1.4E-08	8.3E-09	7.5E-09	1.6E-09	3.2E-08
232	458592.27, 3755852.92	15.92615	0.0004454	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
233	458592.27, 3755882.92	18.51359	0.0005178	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
234	458592.27, 3755912.92	21.41477	0.0005989	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.9E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
235	458592.27, 3755942.92	24.61248	0.0006883	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
236	458592.27, 3755972.92	28.00239	0.0007831	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
237	458592.27, 3756002.92	31.3365	0.0008764	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
238	458592.27, 3756032.92	34.25856	0.0009581	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
239	458592.27, 3756062.92	36.24839	0.0010137	3.5E-07	1.1E-06	6.1E-07	5.6E-07	2.5E-07	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
240	458622.27, 3755792.92	11.22294	0.0003139	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
241	458622.27, 3755822.92	13.23441	0.0003701	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
242	458622.27, 3755852.92	15.65218	0.0004377	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	6.5E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
243	458622.27, 3755882.92	18.53053	0.0005182	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
244	458622.27, 3755912.92	21.87805	0.0006118	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
245	458622.27, 3755942.92	25.67445	0.000718	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
246	458622.27, 3755972.92	29.89625	0.0008361	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
247	458622.27, 3756002.92	34.3362	0.0009603	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
248	458622.27, 3756032.92	38.55066	0.0010781	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.6E-09	3.9E-08	2.3E-08	2.1E-08	4.6E-09	9.0E-08
249	458622.27, 3756062.92	41.90648	0.001172	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.0E-09	9.7E-08
250	458622.27, 3756092.92	43.53036	0.0012174	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.2E-09	1.0E-07
251	458652.27, 3755792.92	10.6002	0.0002964	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
252	458652.27, 3755822.92	12.60982	0.0003527	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
253	458652.27, 3755852.92	15.10211	0.0004224	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	6.3E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
254	458652.27, 3755882.92	18.1783	0.0005084	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
255	458652.27, 3755912.92	21.91033	0.0006128	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
256	458652.27, 3755942.92	26.33033	0.0007364	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
257	458652.27, 3755972.92	31.45479	0.0008797	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
258	458652.27, 3756002.92	37.19535	0.0010402	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.6E-08
259	458652.27, 3756032.92	43.15192	0.0012068	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
260	458652.27, 3756062.92	48.50274	0.0013564	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.8E-09	1.1E-07
261	458652.27, 3756092.92	52.00117	0.0014543	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
262	458652.27, 3756122.92	52.46593	0.0014673	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
263	458682.27, 3755792.92	9.91019	0.0002772	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	4.1E-10	9.9E-09	6.0E-09	5.5E-09	1.2E-09	2.3E-08
264	458682.27, 3755822.92	11.84185	0.0003312	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.8E-08
265	458682.27, 3755852.92	14.30141	0.0004	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
266	458682.27, 3755882.92	17.43138	0.0004875	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	7.2E-10	1.7E-08	1.1E-08	9.6E-09	2.1E-09	4.1E-08
267	458682.27, 3755912.92	21.42011	0.000599	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.9E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
268	458682.27, 3755942.92	26.37671	0.0007377	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
269	458682.27, 3755972.92	32.44431	0.0009073	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
270	458682.27, 3756002.92	39.68105	0.0011097	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
271	458682.27, 3756032.92	47.81072	0.0013371	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.8E-09	1.1E-07
272	458682.27, 3756062.92	55.98795	0.0015658	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
273	458682.27, 3756092.92	62.51378	0.0017483	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.5E-09	1.5E-07
274	458682.27, 3756122.92	65.21842	0.0018239	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
275	458712.27, 3755792.92	9.20653	0.0002575	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.8E-10	9.2E-09	5.6E-09	5.1E-09	1.1E-09	2.1E-08
276	458712.27, 3755822.92	10.99111	0.0003074	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.6E-10	1.1E-08	6.7E-09	6.1E-09	1.3E-09	2.6E-08
277	458712.27, 3755852.92	13.3074	0.0003722	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
278	458712.27, 3755882.92	16.35493	0.0004574	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.8E-10	1.6E-08	1.0E-08	9.0E-09	2.0E-09	3.8E-08
279	458712.27, 3755912.92	20.39301	0.0005703	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
280	458712.27, 3755942.92	25.67187	0.0007179	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
281	458712.27, 3755972.92	32.51453	0.0009093	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
282	458712.27, 3756002.92	41.26548	0.001154	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
283	458712.27, 3756032.92	51.91584	0.0014519	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
284	458712.27, 3756062.92	63.88322	0.0017866	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
285	458712.27, 3756092.92	75.25959	0.0021047	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	3.1E-09	7.5E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
286	458712.27, 3756122.92	82.47533	0.0023065	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.4E-09	8.3E-08	5.0E-08	4.6E-08	9.9E-09	1.9E-07
287	458712.27, 3756152.92	82.38775	0.0023041	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.4E-09	8.3E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
288	458742.27, 3755792.92	8.53107	0.0002386	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.5E-10	8.5E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08

289	458742.27, 3755822.92	10.1418	0.0002836	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
290	458742.27, 3755852.92	12.25467	0.0003427	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.8E-08
291	458742.27, 3755882.92	15.07794	0.0004217	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	6.3E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
292	458742.27, 3755912.92	18.93188	0.0005295	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.9E-10	1.9E-08	1.2E-08	1.0E-08	2.3E-09	4.4E-08
293	458742.27, 3755942.92	24.21427	0.0006772	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
294	458742.27, 3755972.92	31.42938	0.000879	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
295	458742.27, 3756002.92	41.32455	0.0011557	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
296	458742.27, 3756032.92	54.56547	0.001526	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
297	458742.27, 3756062.92	71.27057	0.0019932	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	3.0E-09	7.1E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
298	458742.27, 3756092.92	90.07882	0.0025192	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.7E-09	9.0E-08	5.5E-08	5.0E-08	1.1E-08	2.1E-07
299	458742.27, 3756122.92	105.90639	0.0029618	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.4E-09	1.1E-07	6.5E-08	5.8E-08	1.3E-08	2.5E-07
300	458742.27, 3756152.92	111.07125	0.0031063	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.6E-09	1.1E-07	6.8E-08	6.1E-08	1.3E-08	2.6E-07
301	458742.27, 3756182.92	105.21332	0.0029424	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
302	458772.27, 3755792.92	7.90654	0.0002211	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.3E-10	7.9E-09	4.8E-09	4.4E-09	9.5E-10	1.8E-08
303	458772.27, 3755822.92	9.34549	0.0002614	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
304	458772.27, 3755852.92	11.22797	0.000314	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
305	458772.27, 3755882.92	13.75001	0.0003845	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.7E-10	1.4E-08	8.4E-09	7.6E-09	1.7E-09	3.2E-08
306	458772.27, 3755912.92	17.23885	0.0004821	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.2E-10	1.7E-08	1.1E-08	9.5E-09	2.1E-09	4.0E-08
307	458772.27, 3755942.92	22.17326	0.0006201	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
308	458772.27, 3755972.92	29.25223	0.0008181	2.8E-07	8.6E-07	4.9E-07	4.5E-07	2.0E-07	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
309	458772.27, 3756002.92	39.54873	0.001106	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
310	458772.27, 3756032.92	54.6782	0.0015292	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
311	458772.27, 3756062.92	76.29949	0.0021338	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.2E-09	1.8E-07
312	458772.27, 3756092.92	105.0867	0.0029389	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
313	458772.27, 3756122.92	136.66121	0.0038219	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.7E-09	1.4E-07	8.3E-08	7.5E-08	1.6E-08	3.2E-07
314	458772.27, 3756152.92	156.49062	0.0043765	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	6.5E-09	1.6E-07	9.5E-08	8.6E-08	1.9E-08	3.6E-07
315	458772.27, 3756182.92	152.69344	0.0042703	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	6.3E-09	1.5E-07	9.3E-08	8.4E-08	1.8E-08	3.6E-07
316	458802.27, 3755792.92	7.32737	0.0002049	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	3.0E-10	7.3E-09	4.5E-09	4.0E-09	8.8E-10	1.7E-08
317	458802.27, 3755822.92	8.60674	0.0002407	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.6E-10	8.6E-09	5.2E-09	4.8E-09	1.0E-09	2.0E-08
318	458802.27, 3755852.92	10.26864	0.0002872	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
319	458802.27, 3755882.92	12.47968	0.000349	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
320	458802.27, 3755912.92	15.5255	0.0004342	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
321	458802.27, 3755942.92	19.881	0.000556	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
322	458802.27, 3755972.92	26.30638	0.0007357	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
323	458802.27, 3756002.92	36.07519	0.0010089	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
324	458802.27, 3756032.92	51.50189	0.0014403	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.1E-09	5.2E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
325	458802.27, 3756062.92	76.44871	0.002138	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
326	458802.27, 3756092.92	115.96117	0.003243	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.8E-09	1.2E-07	7.1E-08	6.4E-08	1.4E-08	2.7E-07
327	458802.27, 3756122.92	172.88698	0.004835	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	7.2E-09	1.7E-07	1.1E-07	9.5E-08	2.1E-08	4.0E-07
328	458802.27, 3756152.92	230.96082	0.0064591	2.2E-06	6.8E-06	3.9E-06	3.5E-06	1.6E-06	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
329	458802.27, 3756182.92	244.47928	0.0068372	2.4E-06	7.1E-06	4.1E-06	3.8E-06	1.7E-06	1.0E-08	2.5E-07	1.5E-07	1.4E-07	2.9E-08	5.7E-07
330	458802.27, 3756212.92	214.20837	0.0059906	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.9E-09	2.1E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
331	458832.27, 3755792.92	6.76753	0.0001893	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.8E-10	6.8E-09	4.1E-09	3.7E-09	8.2E-10	1.6E-08
332	458832.27, 3755822.92	7.89907	0.0002209	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.3E-10	7.9E-09	4.8E-09	4.4E-09	9.5E-10	1.8E-08
333	458832.27, 3755852.92	9.35922	0.0002617	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
334	458832.27, 3755882.92	11.28513	0.0003156	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
335	458832.27, 3755912.92	13.90114	0.0003888	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.7E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
336	458832.27, 3755942.92	17.60866	0.0004925	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
337	458832.27, 3755972.92	23.0841	0.0006456	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
338	458832.27, 3756002.92	31.56502	0.0008828	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
339	458832.27, 3756032.92	45.49455	0.0012723	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
340	458832.27, 3756062.92	70.09782	0.0019604	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.4E-09	1.6E-07
341	458832.27, 3756092.92	115.99323	0.0032439	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.8E-09	1.2E-07	7.1E-08	6.4E-08	1.4E-08	2.7E-07
342	458832.27, 3756122.92	203.03216	0.0056781	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	8.4E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.7E-07
343	458832.27, 3756152.92	346.86505	0.0097006	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	1.4E-08	3.5E-07	2.1E-07	1.9E-07	4.2E-08	8.1E-07
344	458832.27, 3756182.92	454.74987	0.0127177	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.9E-08	4.6E-07	2.8E-07	2.5E-07	5.5E-08	1.1E-06
345	458862.27, 3755792.92	6.20633	0.0001736	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.3E-08	2.6E-10	6.2E-09	3.8E-09	3.4E-09	7.5E-10	1.4E-08
346	458862.27, 3755822.92	7.19863	0.0002013	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	3.0E-10	7.2E-09	4.4E-09	4.0E-09	8.7E-10	1.7E-08
347	458862.27, 3755852.92	8.46738	0.0002368	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-10	8.5E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
348	458862.27, 3755882.92	10.12733	0.0002832	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
349	458862.27, 3755912.92	12.35223	0.0003454	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
350	458862.27, 3755942.92	15.44061	0.0004318	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
351	458862.27, 3755972.92	19.94147	0.0005577	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	8.3E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
352	458862.27, 3756002.92	26.84554	0.0007508	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
353	458862.27, 3756032.92	38.18262	0.0010678	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
354	458862.27, 3756062.92	58.75078	0.001643	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.1E-09	1.4E-07
355	458862.27, 3756092.92	100.87947	0.0028212	9.8E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
356	458862.27, 3756122.92	199.87787	0.0055899	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	8.3E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
357	458862.27, 3756152.92	465.1428	0.0130084	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	1.9E-08	4.7E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
358	458892.27, 3755792.92	5.6546	0.0001581	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.3E-10	5.7E-09	3.4E-09	3.1E-09	6.8E-10	1.3E-08
359	458892.27, 3755822.92	6.51704	0.0001823	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.7E-10	6.5E-09	4.0E-09	3.6E-09	7.8E-10	1.5E-08
360	458892.27, 3755852.92	7.60589	0.0002127	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	3.2E-10	7.6E-09	4.6E-09	4.2E-09	9.2E-10	1.8E-08
361	458892.27, 3755882.92	9.01552	0.0002521	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.7E-10	9.0E-09	5.5E-09	5.0E-09	1.1E-09	2.1E-08
362	458892.27, 3755912.92	10.88205	0.0003043	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08

363	458892.27, 3755942.92	13.42591	0.0003755	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.6E-10	1.3E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
364	458892.27, 3755972.92	17.04185	0.0004766	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
365	458892.27, 3756002.92	22.44619	0.0006277	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
366	458892.27, 3756032.92	31.07437	0.000869	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
367	458892.27, 3756062.92	46.20171	0.0012921	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.9E-09	4.6E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
368	458892.27, 3756092.92	76.46362	0.0021384	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
369	458922.27, 3755792.92	5.16075	0.0001443	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.1E-10	5.2E-09	3.1E-09	2.8E-09	6.2E-10	1.2E-08
370	458922.27, 3755822.92	5.91407	0.0001654	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.1E-08	2.5E-10	5.9E-09	3.6E-09	3.3E-09	7.1E-10	1.4E-08
371	458922.27, 3755852.92	6.85641	0.0001917	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.8E-10	6.9E-09	4.2E-09	3.8E-09	8.3E-10	1.6E-08
372	458922.27, 3755882.92	8.05986	0.0002254	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	3.3E-10	8.1E-09	4.9E-09	4.5E-09	9.7E-10	1.9E-08
373	458922.27, 3755912.92	9.63659	0.0002695	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	4.0E-10	9.7E-09	5.9E-09	5.3E-09	1.2E-09	2.2E-08
374	458922.27, 3755942.92	11.75601	0.0003288	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
375	458922.27, 3755972.92	14.70194	0.0004112	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
376	458922.27, 3756002.92	18.99751	0.0005313	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.9E-10	1.9E-08	1.2E-08	1.0E-08	2.3E-09	4.4E-08
377	458922.27, 3756032.92	25.62312	0.0007166	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
378	458922.27, 3756062.92	36.6867	0.001026	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
379	458952.27, 3755792.92	4.78323	0.0001338	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	2.0E-10	4.8E-09	2.9E-09	2.6E-09	5.8E-10	1.1E-08
380	458952.27, 3755822.92	5.46529	0.0001528	5.3E-08	1.6E-07	9.2E-08	8.4E-08	3.8E-08	2.3E-10	5.5E-09	3.3E-09	3.0E-09	6.6E-10	1.3E-08
381	458952.27, 3755852.92	6.3141	0.0001766	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.6E-10	6.3E-09	3.8E-09	3.5E-09	7.6E-10	1.5E-08
382	458952.27, 3755882.92	7.3924	0.0002067	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	3.1E-10	7.4E-09	4.5E-09	4.1E-09	8.9E-10	1.7E-08
383	458952.27, 3755912.92	8.7972	0.000246	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.2E-08	3.6E-10	8.8E-09	5.4E-09	4.9E-09	1.1E-09	2.0E-08
384	458952.27, 3755942.92	10.67382	0.0002985	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
385	458952.27, 3755972.92	13.26387	0.0003709	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
386	458952.27, 3756002.92	16.99055	0.0004752	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.0E-10	1.7E-08	1.0E-08	9.4E-09	2.0E-09	4.0E-08
387	458982.27, 3755792.92	4.55096	0.0001273	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.9E-10	4.6E-09	2.8E-09	2.5E-09	5.5E-10	1.1E-08
388	458982.27, 3755822.92	5.20031	0.0001454	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	2.2E-10	5.2E-09	3.2E-09	2.9E-09	6.3E-10	1.2E-08
389	458982.27, 3755852.92	6.0104	0.0001681	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.5E-10	6.0E-09	3.7E-09	3.3E-09	7.2E-10	1.4E-08
390	458982.27, 3755882.92	7.03831	0.0001968	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
391	458982.27, 3755912.92	8.37489	0.0002342	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
392	458982.27, 3755942.92	10.15498	0.000284	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
393	458982.27, 3755972.92	12.59652	0.0003523	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
394	459012.27, 3755792.92	4.44594	0.0001243	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.8E-10	4.5E-09	2.7E-09	2.5E-09	5.4E-10	1.0E-08
395	459012.27, 3755822.92	5.08741	0.0001423	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.1E-10	1.2E-08
396	459012.27, 3755852.92	5.88632	0.0001646	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	2.4E-10	5.9E-09	3.6E-09	3.3E-09	7.1E-10	1.4E-08
397	459012.27, 3755882.92	6.89637	0.0001929	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.9E-10	6.9E-09	4.2E-09	3.8E-09	8.3E-10	1.6E-08
398	459012.27, 3755912.92	8.19792	0.0002293	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.9E-10	1.9E-08
399	459042.27, 3755792.92	4.41644	0.0001235	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
400	459042.27, 3755822.92	5.05183	0.0001413	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	2.1E-10	5.1E-09	3.1E-09	2.8E-09	6.1E-10	1.2E-08
401	459042.27, 3755852.92	5.83632	0.0001632	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	2.4E-10	5.8E-09	3.6E-09	3.2E-09	7.0E-10	1.4E-08
402	459042.27, 3755882.92	6.81803	0.0001907	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.8E-10	6.8E-09	4.2E-09	3.8E-09	8.2E-10	1.6E-08
403	459072.27, 3755792.92	4.40456	0.0001232	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
404	459072.27, 3755822.92	5.02329	0.0001405	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	2.1E-10	5.0E-09	3.1E-09	2.8E-09	6.0E-10	1.2E-08
405	459102.27, 3755792.92	4.37414	0.0001223	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.8E-10	4.4E-09	2.7E-09	2.4E-09	5.3E-10	1.0E-08
406	458632.68, 3756291.16	31.29966	0.0008753	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
407	458632.68, 3756321.16	27.59173	0.0007716	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
408	458632.68, 3756351.16	24.38932	0.0006821	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
409	458632.68, 3756381.16	21.49875	0.0006012	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
410	458662.68, 3756291.16	36.63447	0.0010245	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
411	458662.68, 3756321.16	31.78968	0.000889	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
412	458662.68, 3756351.16	27.60925	0.0007721	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
413	458662.68, 3756381.16	23.81153	0.0006659	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.5E-08
414	458662.68, 3756411.16	20.35976	0.0005694	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
415	458662.68, 3756441.16	17.35323	0.0004853	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	7.2E-10	1.7E-08	1.1E-08	9.6E-09	2.1E-09	4.0E-08
416	458662.68, 3756471.16	14.82301	0.0004145	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.2E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.4E-08
417	458662.68, 3756501.16	12.72488	0.0003559	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	5.3E-10	1.3E-08	7.8E-09	7.0E-09	1.5E-09	3.0E-08
418	458662.68, 3756531.16	10.98714	0.0003073	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.6E-10	1.1E-08	6.7E-09	6.1E-09	1.3E-09	2.6E-08
419	458692.68, 3756291.16	43.45005	0.0012151	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.8E-09	4.4E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
420	458692.68, 3756321.16	36.92334	0.0010326	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
421	458692.68, 3756351.16	31.26321	0.0008743	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
422	458692.68, 3756381.16	26.21461	0.0007331	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.2E-09	6.1E-08
423	458692.68, 3756411.16	21.86618	0.0006115	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
424	458692.68, 3756441.16	18.28005	0.0005112	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
425	458692.68, 3756471.16	15.37406	0.00043	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
426	458692.68, 3756501.16	13.02792	0.0003643	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.4E-10	1.3E-08	7.9E-09	7.2E-09	1.6E-09	3.0E-08
427	458692.68, 3756531.16	11.13355	0.0003114	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.6E-10	1.1E-08	6.8E-09	6.1E-09	1.3E-09	2.6E-08
428	458722.68, 3756291.16	52.35459	0.0014642	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
429	458722.68, 3756321.16	43.15898	0.001207	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
430	458722.68, 3756351.16	35.25104	0.0009858	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
431	458722.68, 3756381.16	28.5764	0.0007992	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
432	458722.68, 3756411.16	23.21394	0.0006492	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
433	458722.68, 3756441.16	19.011	0.0005317	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.9E-10	1.9E-08	1.2E-08	1.0E-08	2.3E-09	4.4E-08
434	458722.68, 3756471.16	15.73631	0.0004401	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
435	458722.68, 3756501.16	13.18343	0.0003687	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
436	458722.68, 3756531.16	11.18784	0.0003129	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08

437	458752.68, 3756291.16	64.06206	0.0017916	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
438	458752.68, 3756321.16	50.39619	0.0014094	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
439	458752.68, 3756351.16	39.26042	0.001098	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
440	458752.68, 3756381.16	30.65177	0.0008572	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
441	458752.68, 3756411.16	24.21755	0.0006773	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
442	458752.68, 3756441.16	19.44477	0.0005438	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
443	458752.68, 3756471.16	15.89437	0.0004445	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
444	458752.68, 3756501.16	13.23392	0.0003701	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
445	458752.68, 3756531.16	11.21089	0.0003135	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
446	458782.68, 3756291.16	79.08676	0.0022118	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.3E-09	7.9E-08	4.8E-08	4.4E-08	9.5E-09	1.8E-07
447	458782.68, 3756321.16	58.04501	0.0016233	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.3E-07
448	458782.68, 3756351.16	42.73183	0.0011951	4.1E-07	1.2E-06	7.2E-07	6.6E-07	3.0E-07	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
449	458782.68, 3756381.16	32.08536	0.0008973	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
450	458782.68, 3756411.16	24.73582	0.0006918	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
451	458782.68, 3756441.16	19.60483	0.0005483	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
452	458782.68, 3756471.16	15.95108	0.0004461	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
453	458782.68, 3756501.16	13.27871	0.0003714	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
454	458782.68, 3756531.16	11.26621	0.0003151	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
455	458812.68, 3756291.16	96.5071	0.002699	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	4.0E-09	9.7E-08	5.9E-08	5.3E-08	1.2E-08	2.2E-07
456	458812.68, 3756321.16	64.57889	0.001806	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
457	458812.68, 3756351.16	44.88407	0.0012552	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
458	458812.68, 3756381.16	32.70011	0.0009145	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
459	458812.68, 3756411.16	24.90328	0.0006965	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
460	458812.68, 3756441.16	19.68682	0.0005506	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
461	458812.68, 3756471.16	16.03101	0.0004483	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
462	458812.68, 3756501.16	13.35912	0.0003736	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.4E-08	5.5E-10	1.3E-08	8.1E-09	7.4E-09	1.6E-09	3.1E-08
463	458812.68, 3756531.16	11.33556	0.000317	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.9E-09	6.3E-09	1.4E-09	2.6E-08
464	458842.68, 3756291.16	111.47251	0.0031175	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.6E-09	1.1E-07	6.8E-08	6.2E-08	1.3E-08	2.6E-07
465	458842.68, 3756321.16	68.04	0.0019028	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.8E-09	6.8E-08	4.1E-08	3.8E-08	8.2E-09	1.6E-07
466	458842.68, 3756351.16	45.60122	0.0012753	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
467	458842.68, 3756381.16	32.88187	0.0009196	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.6E-08
468	458842.68, 3756411.16	25.00498	0.0006993	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
469	458842.68, 3756441.16	19.7712	0.0005529	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
470	458842.68, 3756471.16	16.08048	0.0004497	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
471	458842.68, 3756501.16	13.37342	0.000374	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.5E-10	1.3E-08	8.1E-09	7.4E-09	1.6E-09	3.1E-08
472	458842.68, 3756531.16	11.31958	0.0003166	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.9E-09	6.3E-09	1.4E-09	2.6E-08
473	458872.68, 3756291.16	117.4738	0.0032853	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.9E-09	1.2E-07	7.2E-08	6.5E-08	1.4E-08	2.7E-07
474	458872.68, 3756321.16	68.6628	0.0019202	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
475	458872.68, 3756351.16	45.62174	0.0012759	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
476	458872.68, 3756381.16	32.80988	0.0009176	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.6E-08
477	458872.68, 3756411.16	24.88954	0.0006961	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
478	458872.68, 3756441.16	19.62289	0.0005488	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
479	458872.68, 3756471.16	15.90711	0.0004449	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
480	458872.68, 3756501.16	13.19799	0.0003691	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
481	458872.68, 3756531.16	11.1507	0.0003118	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08
482	458902.68, 3756291.16	113.74071	0.0031809	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
483	458902.68, 3756321.16	66.41636	0.0018574	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.8E-09	6.7E-08	4.0E-08	3.7E-08	8.0E-09	1.5E-07
484	458902.68, 3756351.16	44.16959	0.0012353	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
485	458902.68, 3756381.16	31.78951	0.000889	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
486	458902.68, 3756411.16	24.12953	0.0006748	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
487	458902.68, 3756441.16	19.02881	0.0005322	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.9E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.4E-08
488	458902.68, 3756471.16	15.44298	0.0004319	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
489	458902.68, 3756501.16	12.82332	0.0003586	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
490	458902.68, 3756531.16	10.8432	0.0003032	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
491	458932.68, 3756291.16	100.14776	0.0028008	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	4.2E-09	1.0E-07	6.1E-08	5.5E-08	1.2E-08	2.3E-07
492	458932.68, 3756321.16	59.62591	0.0016675	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.5E-09	6.0E-08	3.6E-08	3.3E-08	7.2E-09	1.4E-07
493	458932.68, 3756351.16	40.37338	0.0011291	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.7E-09	4.0E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
494	458932.68, 3756381.16	29.48681	0.0008246	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
495	458932.68, 3756411.16	22.64014	0.0006332	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	9.4E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
496	458932.68, 3756441.16	18.01369	0.0005038	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	7.5E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
497	458932.68, 3756471.16	14.72493	0.0004118	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
498	458932.68, 3756501.16	12.29011	0.0003437	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
499	458932.68, 3756531.16	10.43647	0.0002919	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.3E-10	1.0E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
500	458962.68, 3756291.16	90.58507	0.0025333	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.8E-09	9.1E-08	5.5E-08	5.0E-08	1.1E-08	2.1E-07
501	458962.68, 3756321.16	53.8149	0.001505	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
502	458962.68, 3756351.16	36.41283	0.0010183	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
503	458962.68, 3756381.16	26.75697	0.0007483	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
504	458962.68, 3756411.16	20.75114	0.0005803	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
505	458962.68, 3756441.16	16.69893	0.000467	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
506	458962.68, 3756471.16	13.79062	0.0003857	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	5.7E-10	1.4E-08	8.4E-09	7.6E-09	1.7E-09	3.2E-08
507	458962.68, 3756501.16	11.61152	0.0003247	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.8E-10	1.2E-08	7.1E-09	6.4E-09	1.4E-09	2.7E-08
508	458962.68, 3756531.16	9.93178	0.0002778	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	4.1E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
509	458992.68, 3756291.16	82.95828	0.00232	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.4E-09	8.3E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
510	458992.68, 3756321.16	50.9548	0.001425	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07

511	458992.68, 3756351.16	34.49964	0.0009648	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.0E-08
512	458992.68, 3756381.16	25.06615	0.000701	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
513	458992.68, 3756411.16	19.26112	0.0005387	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
514	458992.68, 3756441.16	15.4603	0.0004324	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
515	458992.68, 3756471.16	12.81174	0.0003583	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
516	458992.68, 3756501.16	10.85322	0.0003035	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
517	458992.68, 3756531.16	9.34304	0.0002613	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
518	459022.68, 3756291.16	74.29089	0.0020776	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
519	459022.68, 3756321.16	47.24279	0.0013212	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	2.0E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
520	459022.68, 3756351.16	33.11861	0.0009262	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
521	459022.68, 3756381.16	24.34705	0.0006809	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
522	459022.68, 3756411.16	18.59914	0.0005202	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
523	459022.68, 3756441.16	14.75269	0.0004126	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
524	459022.68, 3756471.16	12.10977	0.0003387	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
525	459022.68, 3756501.16	10.2108	0.0002856	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
526	459022.68, 3756531.16	8.78372	0.0002456	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.6E-10	8.8E-09	5.4E-09	4.9E-09	1.1E-09	2.0E-08
527	459052.68, 3756291.16	67.42276	0.0018856	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.8E-09	6.8E-08	4.1E-08	3.7E-08	8.1E-09	1.6E-07
528	459052.68, 3756321.16	42.88711	0.0011994	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
529	459052.68, 3756351.16	30.93455	0.0008651	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
530	459052.68, 3756381.16	23.42755	0.0006552	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
531	459052.68, 3756411.16	18.21025	0.0005093	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
532	459052.68, 3756441.16	14.48252	0.000405	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	6.0E-10	1.5E-08	8.8E-09	8.0E-09	1.7E-09	3.4E-08
533	459052.68, 3756471.16	11.79857	0.00033	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.3E-08	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
534	459052.68, 3756501.16	9.84908	0.0002754	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	4.1E-10	9.9E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
535	459052.68, 3756531.16	8.40059	0.0002349	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	2.0E-08
536	459082.68, 3756291.16	62.06128	0.0017356	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.3E-07	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
537	459082.68, 3756321.16	39.03922	0.0010918	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
538	459082.68, 3756351.16	28.33012	0.0007923	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
539	459082.68, 3756381.16	21.97411	0.0006145	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
540	459082.68, 3756411.16	17.52487	0.0004901	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
541	459082.68, 3756441.16	14.19375	0.0003969	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
542	459082.68, 3756471.16	11.65234	0.0003259	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.8E-10	1.2E-08	7.1E-09	6.4E-09	1.4E-09	2.7E-08
543	459082.68, 3756501.16	9.71523	0.0002717	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	4.0E-10	9.7E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
544	459082.68, 3756531.16	8.20485	0.0002295	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.9E-10	1.9E-08
545	459112.68, 3756291.16	55.9223	0.0015639	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
546	459112.68, 3756321.16	35.12249	0.0009822	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
547	459112.68, 3756351.16	25.47727	0.0007125	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
548	459112.68, 3756381.16	20.35746	0.0005693	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
549	459112.68, 3756411.16	16.54291	0.0004626	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.9E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
550	459112.68, 3756441.16	13.65873	0.000382	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.7E-10	1.4E-08	8.3E-09	7.5E-09	1.6E-09	3.2E-08
551	459112.68, 3756471.16	11.39811	0.0003188	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.7E-10	1.1E-08	6.9E-09	6.3E-09	1.4E-09	2.7E-08
552	459112.68, 3756501.16	9.57883	0.0002679	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	4.0E-10	9.6E-09	5.8E-09	5.3E-09	1.2E-09	2.2E-08
553	459112.68, 3756531.16	8.12609	0.0002273	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.4E-10	8.1E-09	5.0E-09	4.5E-09	9.8E-10	1.9E-08
554	459142.68, 3756291.16	51.87893	0.0014509	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.2E-09	1.2E-07
555	459142.68, 3756321.16	32.48608	0.0009085	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
556	459142.68, 3756351.16	23.31981	0.0006522	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
557	459142.68, 3756381.16	18.56825	0.0005193	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
558	459142.68, 3756411.16	15.35623	0.0004295	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.8E-09	3.6E-08
559	459142.68, 3756441.16	12.94428	0.000362	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.4E-10	1.3E-08	7.9E-09	7.1E-09	1.6E-09	3.0E-08
560	459142.68, 3756471.16	10.91683	0.0003053	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.5E-10	1.1E-08	6.7E-09	6.0E-09	1.3E-09	2.5E-08
561	459142.68, 3756501.16	9.3381	0.0002612	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
562	459142.68, 3756531.16	8.00621	0.0002239	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	3.3E-10	8.0E-09	4.9E-09	4.4E-09	9.6E-10	1.9E-08
563	459172.68, 3756291.16	48.18775	0.0013476	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
564	459172.68, 3756321.16	30.22281	0.0008452	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
565	459172.68, 3756351.16	21.66777	0.000606	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
566	459172.68, 3756381.16	17.14109	0.0004794	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
567	459172.68, 3756411.16	14.27116	0.0003991	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
568	459172.68, 3756441.16	12.10033	0.0003384	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
569	459172.68, 3756471.16	10.36138	0.0002898	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
570	459172.68, 3756501.16	8.96498	0.0002507	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.7E-10	9.0E-09	5.5E-09	5.0E-09	1.1E-09	2.1E-08
571	459172.68, 3756531.16	7.78292	0.0002177	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-10	7.8E-09	4.7E-09	4.3E-09	9.4E-10	1.8E-08
572	459202.68, 3756291.16	45.17892	0.0012635	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.4E-09	1.1E-07
573	459202.68, 3756321.16	28.44273	0.0007954	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
574	459202.68, 3756351.16	20.39213	0.0005703	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
575	459202.68, 3756381.16	16.09021	0.00045	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
576	459202.68, 3756411.16	13.39274	0.0003745	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.6E-10	1.3E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
577	459202.68, 3756441.16	11.3934	0.0003186	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.7E-10	1.1E-08	6.9E-09	6.3E-09	1.4E-09	2.6E-08
578	459202.68, 3756471.16	9.81401	0.0002745	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	4.1E-10	9.8E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
579	459202.68, 3756501.16	8.54326	0.0002389	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.5E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
580	459202.68, 3756531.16	7.49741	0.0002097	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.2E-08	3.1E-10	7.5E-09	4.6E-09	4.1E-09	9.0E-10	1.7E-08
581	459232.68, 3756291.16	42.2923	0.0011828	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
582	459232.68, 3756321.16	27.37214	0.0007655	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
583	459232.68, 3756351.16	19.40287	0.0005426	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
584	459232.68, 3756381.16	15.14984	0.0004237	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	6.3E-10	1.5E-08	9.2E-09	8.4E-09	1.8E-09	3.5E-08

585	459232.68, 3756411.16	12.56353	0.0003514	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	5.2E-10	1.3E-08	7.7E-09	6.9E-09	1.5E-09	2.9E-08
586	459232.68, 3756441.16	10.73913	0.0003003	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.5E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
587	459232.68, 3756471.16	9.30408	0.0002602	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.9E-10	9.3E-09	5.7E-09	5.1E-09	1.1E-09	2.2E-08
588	459232.68, 3756501.16	8.13778	0.0002276	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.4E-10	8.2E-09	5.0E-09	4.5E-09	9.8E-10	1.9E-08
589	459232.68, 3756531.16	7.18284	0.0002009	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	3.0E-10	7.2E-09	4.4E-09	4.0E-09	8.7E-10	1.7E-08
590	459262.68, 3756291.16	39.33383	0.0011	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
591	459262.68, 3756321.16	26.46129	0.00074	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
592	459262.68, 3756351.16	18.52685	0.0005181	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
593	459262.68, 3756381.16	14.23714	0.0003982	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
594	459262.68, 3756411.16	11.77201	0.0003292	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
595	459262.68, 3756441.16	10.13225	0.0002834	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
596	459262.68, 3756471.16	8.83475	0.0002471	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.7E-10	8.9E-09	5.4E-09	4.9E-09	1.1E-09	2.1E-08
597	459262.68, 3756501.16	7.75087	0.0002168	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-10	7.8E-09	4.7E-09	4.3E-09	9.3E-10	1.8E-08
598	459262.68, 3756531.16	6.86087	0.0001919	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.8E-10	6.9E-09	4.2E-09	3.8E-09	8.3E-10	1.6E-08
599	459292.68, 3756291.16	36.80041	0.0010292	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
600	459292.68, 3756321.16	25.43731	0.0007114	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
601	459292.68, 3756351.16	17.9246	0.0005013	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
602	459292.68, 3756381.16	13.6644	0.0003821	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.7E-10	1.4E-08	8.3E-09	7.5E-09	1.6E-09	3.2E-08
603	459292.68, 3756411.16	11.23141	0.0003141	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
604	459292.68, 3756441.16	9.61781	0.000269	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	4.0E-10	9.6E-09	5.9E-09	5.3E-09	1.2E-09	2.2E-08
605	459292.68, 3756471.16	8.40193	0.000235	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	2.0E-08
606	459292.68, 3756501.16	7.39667	0.0002069	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	3.1E-10	7.4E-09	4.5E-09	4.1E-09	8.9E-10	1.7E-08
607	459292.68, 3756531.16	6.55242	0.0001832	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
608	459322.68, 3756291.16	34.45953	0.0009637	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.0E-08
609	459322.68, 3756321.16	24.35107	0.000681	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
610	459322.68, 3756351.16	17.3182	0.0004843	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	7.2E-10	1.7E-08	1.1E-08	9.6E-09	2.1E-09	4.0E-08
611	459322.68, 3756381.16	13.18871	0.0003688	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
612	459322.68, 3756411.16	10.77413	0.0003013	1.0E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	4.5E-10	1.1E-08	6.6E-09	5.9E-09	1.3E-09	2.5E-08
613	459322.68, 3756441.16	9.16875	0.0002564	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.8E-10	9.2E-09	5.6E-09	5.1E-09	1.1E-09	2.1E-08
614	459322.68, 3756471.16	8.01558	0.0002242	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	3.3E-10	8.0E-09	4.9E-09	4.4E-09	9.7E-10	1.9E-08
615	459322.68, 3756501.16	7.07341	0.0001978	6.8E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.5E-10	1.6E-08
616	459322.68, 3756531.16	6.26045	0.0001751	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.6E-10	6.3E-09	3.8E-09	3.5E-09	7.5E-10	1.5E-08
617	459352.68, 3756291.16	31.98198	0.0008944	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.9E-09	7.4E-08
618	459352.68, 3756321.16	23.09068	0.0006458	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
619	459352.68, 3756351.16	16.50728	0.0004616	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.8E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
620	459352.68, 3756381.16	12.50616	0.0003498	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
621	459352.68, 3756411.16	10.22211	0.0002859	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
622	459352.68, 3756441.16	8.7474	0.0002446	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.6E-10	8.8E-09	5.3E-09	4.8E-09	1.1E-09	2.0E-08
623	459352.68, 3756471.16	7.67176	0.0002146	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	3.2E-10	7.7E-09	4.7E-09	4.2E-09	9.2E-10	1.8E-08
624	459352.68, 3756501.16	6.77375	0.0001894	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.8E-10	6.8E-09	4.1E-09	3.7E-09	8.2E-10	1.6E-08
625	459352.68, 3756531.16	5.99075	0.0001675	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.5E-10	6.0E-09	3.6E-09	3.3E-09	7.2E-10	1.4E-08
626	459382.68, 3756291.16	29.65739	0.0008294	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
627	459382.68, 3756321.16	21.84002	0.0006108	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
628	459382.68, 3756351.16	15.86651	0.0004437	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
629	459382.68, 3756381.16	12.03543	0.0003366	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
630	459382.68, 3756411.16	9.77867	0.0002735	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	4.1E-10	9.8E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
631	459382.68, 3756441.16	8.37458	0.0002342	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
632	459382.68, 3756471.16	7.35114	0.0002056	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	3.0E-10	7.4E-09	4.5E-09	4.1E-09	8.9E-10	1.7E-08
633	459382.68, 3756501.16	6.48953	0.0001815	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.5E-08	2.7E-10	6.5E-09	4.0E-09	3.6E-09	7.8E-10	1.5E-08
634	459382.68, 3756531.16	5.74376	0.0001606	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.4E-10	5.8E-09	3.5E-09	3.2E-09	6.9E-10	1.3E-08
635	458633.73, 3756194.08	41.22388	0.0011529	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
636	458633.73, 3756224.08	39.31486	0.0010995	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
637	458663.73, 3756164.08	53.58364	0.0014985	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.2E-07
638	458663.73, 3756194.08	50.6922	0.0014177	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
639	458663.73, 3756224.08	47.87541	0.0013389	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.8E-09	1.1E-07
640	458693.73, 3756164.08	68.3302	0.0019109	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
641	458693.73, 3756194.08	64.14409	0.0017939	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
642	458693.73, 3756224.08	59.8166	0.0016729	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.5E-09	6.0E-08	3.6E-08	3.3E-08	7.2E-09	1.4E-07
643	458723.73, 3756194.08	84.23374	0.0023557	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.5E-09	8.4E-08	5.1E-08	4.7E-08	1.0E-08	2.0E-07
644	458723.73, 3756224.08	77.24732	0.0021603	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
645	458753.73, 3756224.08	104.31559	0.0029173	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	4.3E-09	1.0E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
646	458783.73, 3756224.08	150.09105	0.0041975	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	6.2E-09	1.5E-07	9.1E-08	8.3E-08	1.8E-08	3.5E-07

Acute Risk - Fueling (Benzene)

	OnSite Fueling
Emissions Rate (g/s):	3.03E-04

Discrete Receptor ID X, Y	Concentration [µg/m^3] at 1 g/s	1-hour Concentration [ug/m^3]
1 458909.21, 3756133.18	1953.86371	5.91E-01
2 458909.21, 3756163.18	3704.4145	1.12E+00
3 458939.21, 3756103.18	1243.02512	3.76E-01
4 458939.21, 3756133.18	2304.13334	6.97E-01
5 458939.21, 3756163.18	6364.37445	1.93E+00
6 458969.21, 3756043.18	582.03318	1.76E-01
7 458969.21, 3756073.18	765.18456	2.32E-01
8 458969.21, 3756103.18	1069.45173	3.24E-01
9 458969.21, 3756133.18	1743.97649	5.28E-01
10 458969.21, 3756163.18	2737.19932	8.28E-01
11 458969.21, 3756193.18	5379.073	1.63E+00
12 458969.21, 3756223.18	7068.22235	2.14E+00
13 458999.21, 3756013.18	439.47738	1.33E-01
14 458999.21, 3756043.18	540.69509	1.64E-01
15 458999.21, 3756073.18	731.29758	2.21E-01
16 458999.21, 3756103.18	968.68607	2.93E-01
17 458999.21, 3756133.18	1086.23972	3.29E-01
18 458999.21, 3756163.18	1878.63786	5.68E-01
19 458999.21, 3756193.18	2546.19044	7.70E-01
20 458999.21, 3756223.18	3156.2756	9.55E-01
21 459029.21, 3755953.18	295.88681	8.95E-02
22 459029.21, 3755983.18	342.04521	1.04E-01
23 459029.21, 3756013.18	429.94351	1.30E-01
24 459029.21, 3756043.18	529.1674	1.60E-01
25 459029.21, 3756073.18	605.23143	1.83E-01
26 459029.21, 3756103.18	598.50499	1.81E-01
27 459029.21, 3756133.18	891.15976	2.70E-01
28 459029.21, 3756163.18	1278.57562	3.87E-01
29 459029.21, 3756193.18	1713.98725	5.19E-01
30 459029.21, 3756223.18	2020.36245	6.11E-01
31 459059.21, 3755923.18	244.23294	7.39E-02
32 459059.21, 3755953.18	292.85071	8.86E-02
33 459059.21, 3755983.18	346.22882	1.05E-01
34 459059.21, 3756013.18	391.70065	1.19E-01
35 459059.21, 3756043.18	410.56858	1.24E-01
36 459059.21, 3756073.18	412.41733	1.25E-01
37 459059.21, 3756103.18	516.32269	1.56E-01
38 459059.21, 3756133.18	807.25381	2.44E-01
39 459059.21, 3756163.18	914.65905	2.77E-01
40 459059.21, 3756193.18	1251.69923	3.79E-01
41 459059.21, 3756223.18	1409.80224	4.27E-01
42 459089.21, 3755863.18	186.33541	5.64E-02
43 459089.21, 3755893.18	216.75471	6.56E-02
44 459089.21, 3755923.18	249.82131	7.56E-02
45 459089.21, 3755953.18	279.215	8.45E-02
46 459089.21, 3755983.18	297.77156	9.01E-02
47 459089.21, 3756013.18	295.34885	8.94E-02
48 459089.21, 3756043.18	307.68669	9.31E-02
49 459089.21, 3756073.18	352.64702	1.07E-01
50 459089.21, 3756103.18	529.96419	1.60E-01
51 459089.21, 3756133.18	639.87531	1.94E-01
52 459089.21, 3756163.18	721.0676	2.18E-01
53 459089.21, 3756193.18	965.69008	2.92E-01

54	459089.21, 3756223.18	1026.14095	3.11E-01
55	459119.21, 3755833.18	169.18033	5.12E-02
56	459119.21, 3755863.18	191.61628	5.80E-02
57	459119.21, 3755893.18	211.90027	6.41E-02
58	459119.21, 3755923.18	226.96037	6.87E-02
59	459119.21, 3755953.18	231.77996	7.01E-02
60	459119.21, 3755983.18	221.98815	6.72E-02
61	459119.21, 3756013.18	241.67121	7.31E-02
62	459119.21, 3756043.18	270.74168	8.19E-02
63	459119.21, 3756073.18	359.93707	1.09E-01
64	459119.21, 3756103.18	478.97696	1.45E-01
65	459119.21, 3756133.18	514.55398	1.56E-01
66	459119.21, 3756163.18	579.91253	1.75E-01
67	459119.21, 3756193.18	775.29667	2.35E-01
68	459119.21, 3756223.18	826.44814	2.50E-01
69	459149.21, 3755773.18	137.06546	4.15E-02
70	459149.21, 3755803.18	153.231	4.64E-02
71	459149.21, 3755833.18	167.91536	5.08E-02
72	459149.21, 3755863.18	179.91059	5.44E-02
73	459149.21, 3755893.18	186.42858	5.64E-02
74	459149.21, 3755923.18	184.31237	5.58E-02
75	459149.21, 3755953.18	178.65516	5.41E-02
76	459149.21, 3755983.18	196.7906	5.95E-02
77	459149.21, 3756013.18	216.59213	6.55E-02
78	459149.21, 3756043.18	260.81629	7.89E-02
79	459149.21, 3756073.18	359.62231	1.09E-01
80	459149.21, 3756103.18	403.32725	1.22E-01
81	459149.21, 3756133.18	431.88703	1.31E-01
82	459149.21, 3756163.18	469.45872	1.42E-01
83	459149.21, 3756193.18	641.65804	1.94E-01
84	459149.21, 3756223.18	685.01943	2.07E-01
85	459179.21, 3755773.18	137.44386	4.16E-02
86	459179.21, 3755803.18	147.03853	4.45E-02
87	459179.21, 3755833.18	153.22098	4.64E-02
88	459179.21, 3755863.18	154.59608	4.68E-02
89	459179.21, 3755893.18	149.46395	4.52E-02
90	459179.21, 3755923.18	150.63099	4.56E-02
91	459179.21, 3755953.18	164.58712	4.98E-02
92	459179.21, 3755983.18	178.53769	5.40E-02
93	459179.21, 3756013.18	197.23841	5.97E-02
94	459179.21, 3756043.18	270.78144	8.19E-02
95	459179.21, 3756073.18	327.6909	9.92E-02
96	459179.21, 3756103.18	347.47694	1.05E-01
97	459179.21, 3756133.18	368.55838	1.12E-01
98	459179.21, 3756163.18	383.62353	1.16E-01
99	459179.21, 3756193.18	542.38303	1.64E-01
100	459179.21, 3756223.18	579.00908	1.75E-01
101	459209.21, 3755803.18	131.18852	3.97E-02
102	459209.21, 3755833.18	129.60452	3.92E-02
103	459209.21, 3755863.18	123.28425	3.73E-02
104	459209.21, 3755893.18	130.22436	3.94E-02
105	459209.21, 3755923.18	140.5059	4.25E-02
106	459209.21, 3755953.18	150.52805	4.55E-02
107	459209.21, 3755983.18	163.60063	4.95E-02
108	459209.21, 3756013.18	206.16596	6.24E-02
109	459209.21, 3756043.18	264.67009	8.01E-02
110	459209.21, 3756073.18	286.30421	8.66E-02
111	459209.21, 3756103.18	300.63228	9.10E-02
112	459209.21, 3756133.18	327.81068	9.92E-02
113	459209.21, 3756163.18	324.70828	9.83E-02
114	459209.21, 3756193.18	466.66979	1.41E-01

115	459209.21, 3756223.18	497.05456	1.50E-01
116	459239.21, 3755803.18	109.51887	3.31E-02
117	459239.21, 3755833.18	107.1027	3.24E-02
118	459239.21, 3755863.18	114.10335	3.45E-02
119	459239.21, 3755893.18	121.92375	3.69E-02
120	459239.21, 3755923.18	129.21322	3.91E-02
121	459239.21, 3755953.18	140.16436	4.24E-02
122	459239.21, 3755983.18	164.41979	4.98E-02
123	459239.21, 3756013.18	212.20358	6.42E-02
124	459239.21, 3756043.18	243.16317	7.36E-02
125	459239.21, 3756073.18	254.90364	7.71E-02
126	459239.21, 3756103.18	266.03334	8.05E-02
127	459239.21, 3756133.18	289.4773	8.76E-02
128	459239.21, 3756163.18	282.7485	8.56E-02
129	459239.21, 3756193.18	406.76946	1.23E-01
130	459239.21, 3756223.18	432.32	1.31E-01
131	459269.21, 3755833.18	101.08455	3.06E-02
132	459269.21, 3755863.18	107.21147	3.24E-02
133	459269.21, 3755893.18	112.56775	3.41E-02
134	459269.21, 3755923.18	121.91416	3.69E-02
135	459269.21, 3755953.18	133.12667	4.03E-02
136	459269.21, 3755983.18	170.21602	5.15E-02
137	459269.21, 3756013.18	205.37	6.21E-02
138	459269.21, 3756043.18	217.4912	6.58E-02
139	459269.21, 3756073.18	225.51137	6.82E-02
140	459269.21, 3756103.18	236.82268	7.17E-02
141	459269.21, 3756133.18	265.3048	8.03E-02
142	459269.21, 3756163.18	262.80509	7.95E-02
143	459269.21, 3756193.18	374.02191	1.13E-01
144	459269.21, 3756223.18	380.01275	1.15E-01
145	459299.21, 3755863.18	99.22251	3.00E-02
146	459299.21, 3755893.18	107.29907	3.25E-02
147	459299.21, 3755923.18	112.89163	3.42E-02
148	459299.21, 3755953.18	138.6963	4.20E-02
149	459299.21, 3755983.18	171.81133	5.20E-02
150	459299.21, 3756013.18	190.15537	5.75E-02
151	459299.21, 3756043.18	197.94554	5.99E-02
152	459299.21, 3756073.18	215.93469	6.53E-02
153	459299.21, 3756103.18	230.0592	6.96E-02
154	459299.21, 3756133.18	247.84684	7.50E-02
155	459299.21, 3756163.18	250.95077	7.59E-02
156	459299.21, 3756193.18	343.87697	1.04E-01
157	459299.21, 3756223.18	354.55461	1.07E-01
158	459329.21, 3755863.18	95.41185	2.89E-02
159	459329.21, 3755893.18	100.0949	3.03E-02
160	459329.21, 3755923.18	115.99316	3.51E-02
161	459329.21, 3755953.18	143.23803	4.33E-02
162	459329.21, 3755983.18	165.58151	5.01E-02
163	459329.21, 3756013.18	172.90802	5.23E-02
164	459329.21, 3756043.18	189.83388	5.74E-02
165	459329.21, 3756073.18	204.9372	6.20E-02
166	459329.21, 3756103.18	223.63037	6.77E-02
167	459329.21, 3756133.18	225.5917	6.83E-02
168	459329.21, 3756163.18	236.54	7.16E-02
169	459329.21, 3756193.18	318.18241	9.63E-02
170	459329.21, 3756223.18	325.17589	9.84E-02
171	459359.21, 3755893.18	97.73456	2.96E-02
172	459359.21, 3755923.18	119.31403	3.61E-02
173	459359.21, 3755953.18	142.86779	4.32E-02
174	459359.21, 3755983.18	161.60232	4.89E-02
175	459359.21, 3756013.18	175.7124	5.32E-02

176	459359.21, 3756043.18	180.61267	5.47E-02
177	459359.21, 3756073.18	192.50481	5.83E-02
178	459359.21, 3756103.18	213.66228	6.47E-02
179	459359.21, 3756133.18	211.03383	6.39E-02
180	459359.21, 3756163.18	222.0174	6.72E-02
181	459359.21, 3756193.18	295.9128	8.95E-02
182	459359.21, 3756223.18	302.91154	9.17E-02
183	459389.21, 3755923.18	122.46476	3.71E-02
184	459389.21, 3755953.18	137.54437	4.16E-02
185	459389.21, 3755983.18	151.13378	4.57E-02
186	459389.21, 3756013.18	167.53199	5.07E-02
187	459389.21, 3756043.18	177.42729	5.37E-02
188	459389.21, 3756073.18	184.64346	5.59E-02
189	459389.21, 3756103.18	201.51629	6.10E-02
190	459389.21, 3756133.18	198.30687	6.00E-02
191	459389.21, 3756163.18	209.89182	6.35E-02
192	459389.21, 3756193.18	275.58157	8.34E-02
193	459389.21, 3756223.18	283.92419	8.59E-02
194	458472.27, 3755792.92	99.57696	3.01E-02
195	458472.27, 3755822.92	103.81343	3.14E-02
196	458472.27, 3755852.92	111.48196	3.37E-02
197	458472.27, 3755882.92	117.7855	3.56E-02
198	458472.27, 3755912.92	129.84109	3.93E-02
199	458472.27, 3755942.92	139.58064	4.22E-02
200	458472.27, 3755972.92	140.06941	4.24E-02
201	458472.27, 3756002.92	150.3201	4.55E-02
202	458502.27, 3755792.92	104.66888	3.17E-02
203	458502.27, 3755822.92	109.71947	3.32E-02
204	458502.27, 3755852.92	114.6156	3.47E-02
205	458502.27, 3755882.92	124.46322	3.77E-02
206	458502.27, 3755912.92	131.64406	3.98E-02
207	458502.27, 3755942.92	148.17028	4.48E-02
208	458502.27, 3755972.92	153.63124	4.65E-02
209	458502.27, 3756002.92	158.48699	4.80E-02
210	458502.27, 3756032.92	170.92712	5.17E-02
211	458532.27, 3755792.92	109.81604	3.32E-02
212	458532.27, 3755822.92	115.94725	3.51E-02
213	458532.27, 3755852.92	121.76014	3.68E-02
214	458532.27, 3755882.92	128.07316	3.88E-02
215	458532.27, 3755912.92	139.53668	4.22E-02
216	458532.27, 3755942.92	151.84728	4.59E-02
217	458532.27, 3755972.92	168.17702	5.09E-02
218	458532.27, 3756002.92	169.66503	5.13E-02
219	458532.27, 3756032.92	183.4665	5.55E-02
220	458562.27, 3755792.92	116.45949	3.52E-02
221	458562.27, 3755822.92	122.01576	3.69E-02
222	458562.27, 3755852.92	129.48545	3.92E-02
223	458562.27, 3755882.92	136.1232	4.12E-02
224	458562.27, 3755912.92	146.14287	4.42E-02
225	458562.27, 3755942.92	157.706	4.77E-02
226	458562.27, 3755972.92	178.06652	5.39E-02
227	458562.27, 3756002.92	189.23898	5.73E-02
228	458562.27, 3756032.92	196.75513	5.95E-02
229	458562.27, 3756062.92	214.6619	6.50E-02
230	458592.27, 3755792.92	121.7497	3.68E-02
231	458592.27, 3755822.92	129.88768	3.93E-02
232	458592.27, 3755852.92	136.74742	4.14E-02
233	458592.27, 3755882.92	145.89178	4.41E-02
234	458592.27, 3755912.92	154.1602	4.66E-02
235	458592.27, 3755942.92	168.23078	5.09E-02
236	458592.27, 3755972.92	181.6315	5.50E-02

237	458592.27, 3756002.92	208.14576	6.30E-02
238	458592.27, 3756032.92	212.08011	6.42E-02
239	458592.27, 3756062.92	230.79835	6.98E-02
240	458622.27, 3755792.92	126.25112	3.82E-02
241	458622.27, 3755822.92	135.99668	4.12E-02
242	458622.27, 3755852.92	146.22905	4.42E-02
243	458622.27, 3755882.92	154.81929	4.68E-02
244	458622.27, 3755912.92	166.35258	5.03E-02
245	458622.27, 3755942.92	176.93377	5.35E-02
246	458622.27, 3755972.92	195.42588	5.91E-02
247	458622.27, 3756002.92	218.84792	6.62E-02
248	458622.27, 3756032.92	241.36923	7.30E-02
249	458622.27, 3756062.92	253.60812	7.67E-02
250	458622.27, 3756092.92	278.18442	8.42E-02
251	458652.27, 3755792.92	129.7702	3.93E-02
252	458652.27, 3755822.92	140.61417	4.25E-02
253	458652.27, 3755852.92	153.23248	4.64E-02
254	458652.27, 3755882.92	166.72619	5.05E-02
255	458652.27, 3755912.92	177.52943	5.37E-02
256	458652.27, 3755942.92	192.20984	5.82E-02
257	458652.27, 3755972.92	205.80256	6.23E-02
258	458652.27, 3756002.92	229.30793	6.94E-02
259	458652.27, 3756032.92	266.3831	8.06E-02
260	458652.27, 3756062.92	276.83191	8.38E-02
261	458652.27, 3756092.92	309.70253	9.37E-02
262	458652.27, 3756122.92	321.14918	9.72E-02
263	458682.27, 3755792.92	140.97352	4.27E-02
264	458682.27, 3755822.92	146.90742	4.45E-02
265	458682.27, 3755852.92	158.29354	4.79E-02
266	458682.27, 3755882.92	175.05152	5.30E-02
267	458682.27, 3755912.92	192.53648	5.83E-02
268	458682.27, 3755942.92	207.01389	6.26E-02
269	458682.27, 3755972.92	225.89011	6.84E-02
270	458682.27, 3756002.92	246.23389	7.45E-02
271	458682.27, 3756032.92	276.80349	8.38E-02
272	458682.27, 3756062.92	323.49426	9.79E-02
273	458682.27, 3756092.92	345.13931	1.04E-01
274	458682.27, 3756122.92	374.42917	1.13E-01
275	458712.27, 3755792.92	150.83562	4.56E-02
276	458712.27, 3755822.92	163.05636	4.93E-02
277	458712.27, 3755852.92	170.35958	5.16E-02
278	458712.27, 3755882.92	181.95974	5.51E-02
279	458712.27, 3755912.92	202.91337	6.14E-02
280	458712.27, 3755942.92	225.51656	6.82E-02
281	458712.27, 3755972.92	246.4444	7.46E-02
282	458712.27, 3756002.92	271.34347	8.21E-02
283	458712.27, 3756032.92	303.96665	9.20E-02
284	458712.27, 3756062.92	357.68078	1.08E-01
285	458712.27, 3756092.92	386.15631	1.17E-01
286	458712.27, 3756122.92	443.19548	1.34E-01
287	458712.27, 3756152.92	445.56298	1.35E-01
288	458742.27, 3755792.92	157.29299	4.76E-02
289	458742.27, 3755822.92	169.51288	5.13E-02
290	458742.27, 3755852.92	186.98659	5.66E-02
291	458742.27, 3755882.92	203.20451	6.15E-02
292	458742.27, 3755912.92	213.69863	6.47E-02
293	458742.27, 3755942.92	237.60043	7.19E-02
294	458742.27, 3755972.92	269.61415	8.16E-02
295	458742.27, 3756002.92	300.76519	9.10E-02
296	458742.27, 3756032.92	334.90405	1.01E-01
297	458742.27, 3756062.92	384.91451	1.16E-01

298	458742.27, 3756092.92	466.34164	1.41E-01
299	458742.27, 3756122.92	510.5416	1.54E-01
300	458742.27, 3756152.92	551.16688	1.67E-01
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302	458772.27, 3755792.92	165.171	5.00E-02
303	458772.27, 3755822.92	178.187	5.39E-02
304	458772.27, 3755852.92	195.98577	5.93E-02
305	458772.27, 3755882.92	214.73757	6.50E-02
306	458772.27, 3755912.92	241.05963	7.29E-02
307	458772.27, 3755942.92	263.57966	7.98E-02
308	458772.27, 3755972.92	285.46119	8.64E-02
309	458772.27, 3756002.92	330.52056	1.00E-01
310	458772.27, 3756032.92	379.3572	1.15E-01
311	458772.27, 3756062.92	429.75009	1.30E-01
312	458772.27, 3756092.92	511.83142	1.55E-01
313	458772.27, 3756122.92	603.39835	1.83E-01
314	458772.27, 3756152.92	694.19052	2.10E-01
315	458772.27, 3756182.92	728.27032	2.20E-01
316	458802.27, 3755792.92	167.39777	5.07E-02
317	458802.27, 3755822.92	183.82997	5.56E-02
318	458802.27, 3755852.92	206.91611	6.26E-02
319	458802.27, 3755882.92	229.42163	6.94E-02
320	458802.27, 3755912.92	254.28796	7.69E-02
321	458802.27, 3755942.92	286.13673	8.66E-02
322	458802.27, 3755972.92	329.10655	9.96E-02
323	458802.27, 3756002.92	360.54584	1.09E-01
324	458802.27, 3756032.92	421.38365	1.28E-01
325	458802.27, 3756062.92	501.08621	1.52E-01
326	458802.27, 3756092.92	582.04883	1.76E-01
327	458802.27, 3756122.92	759.49876	2.30E-01
328	458802.27, 3756152.92	897.84546	2.72E-01
329	458802.27, 3756182.92	923.09597	2.79E-01
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332	458832.27, 3755822.92	194.8325	5.90E-02
333	458832.27, 3755852.92	215.78721	6.53E-02
334	458832.27, 3755882.92	237.09378	7.17E-02
335	458832.27, 3755912.92	267.42707	8.09E-02
336	458832.27, 3755942.92	309.80597	9.37E-02
337	458832.27, 3755972.92	351.03568	1.06E-01
338	458832.27, 3756002.92	410.95741	1.24E-01
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341	458832.27, 3756092.92	709.24914	2.15E-01
342	458832.27, 3756122.92	879.22565	2.66E-01
343	458832.27, 3756152.92	1167.16936	3.53E-01
344	458832.27, 3756182.92	1329.4927	4.02E-01
345	458862.27, 3755792.92	176.03848	5.33E-02
346	458862.27, 3755822.92	193.33736	5.85E-02
347	458862.27, 3755852.92	213.89585	6.47E-02
348	458862.27, 3755882.92	243.88219	7.38E-02
349	458862.27, 3755912.92	282.81845	8.56E-02
350	458862.27, 3755942.92	327.6363	9.91E-02
351	458862.27, 3755972.92	378.4066	1.15E-01
352	458862.27, 3756002.92	448.13965	1.36E-01
353	458862.27, 3756032.92	546.49925	1.65E-01
354	458862.27, 3756062.92	673.49908	2.04E-01
355	458862.27, 3756092.92	853.02391	2.58E-01
356	458862.27, 3756122.92	1128.62947	3.42E-01
357	458862.27, 3756152.92	1573.76136	4.76E-01
358	458892.27, 3755792.92	177.36865	5.37E-02

359	458892.27, 3755822.92	196.20208	5.94E-02
360	458892.27, 3755852.92	220.1945	6.66E-02
361	458892.27, 3755882.92	250.07978	7.57E-02
362	458892.27, 3755912.92	286.29165	8.66E-02
363	458892.27, 3755942.92	331.33886	1.00E-01
364	458892.27, 3755972.92	389.53356	1.18E-01
365	458892.27, 3756002.92	463.71388	1.40E-01
366	458892.27, 3756032.92	591.99699	1.79E-01
367	458892.27, 3756062.92	765.37225	2.32E-01
368	458892.27, 3756092.92	1025.98278	3.10E-01
369	458922.27, 3755792.92	177.50272	5.37E-02
370	458922.27, 3755822.92	197.10347	5.96E-02
371	458922.27, 3755852.92	220.70165	6.68E-02
372	458922.27, 3755882.92	249.67695	7.56E-02
373	458922.27, 3755912.92	286.2602	8.66E-02
374	458922.27, 3755942.92	333.12771	1.01E-01
375	458922.27, 3755972.92	394.48678	1.19E-01
376	458922.27, 3756002.92	478.43996	1.45E-01
377	458922.27, 3756032.92	598.13146	1.81E-01
378	458922.27, 3756062.92	784.87534	2.38E-01
379	458952.27, 3755792.92	162.27055	4.91E-02
380	458952.27, 3755822.92	180.26274	5.45E-02
381	458952.27, 3755852.92	201.75257	6.10E-02
382	458952.27, 3755882.92	227.92362	6.90E-02
383	458952.27, 3755912.92	260.76399	7.89E-02
384	458952.27, 3755942.92	302.47832	9.15E-02
385	458952.27, 3755972.92	356.27542	1.08E-01
386	458952.27, 3756002.92	428.89258	1.30E-01
387	458982.27, 3755792.92	158.69746	4.80E-02
388	458982.27, 3755822.92	177.32354	5.37E-02
389	458982.27, 3755852.92	199.53786	6.04E-02
390	458982.27, 3755882.92	225.66792	6.83E-02
391	458982.27, 3755912.92	257.49262	7.79E-02
392	458982.27, 3755942.92	296.19966	8.96E-02
393	458982.27, 3755972.92	350.27496	1.06E-01
394	459012.27, 3755792.92	157.05249	4.75E-02
395	459012.27, 3755822.92	174.18179	5.27E-02
396	459012.27, 3755852.92	196.74908	5.95E-02
397	459012.27, 3755882.92	222.26969	6.73E-02
398	459012.27, 3755912.92	251.57647	7.61E-02
399	459042.27, 3755792.92	156.71347	4.74E-02
400	459042.27, 3755822.92	170.81167	5.17E-02
401	459042.27, 3755852.92	191.29159	5.79E-02
402	459042.27, 3755882.92	214.00753	6.48E-02
403	459072.27, 3755792.92	152.22681	4.61E-02
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405	459102.27, 3755792.92	147.11203	4.45E-02
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407	458632.68, 3756321.16	365.20571	1.11E-01
408	458632.68, 3756351.16	341.12064	1.03E-01
409	458632.68, 3756381.16	346.63078	1.05E-01
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412	458662.68, 3756351.16	397.08951	1.20E-01
413	458662.68, 3756381.16	406.79329	1.23E-01
414	458662.68, 3756411.16	340.24461	1.03E-01
415	458662.68, 3756441.16	326.55251	9.88E-02
416	458662.68, 3756471.16	303.80341	9.19E-02
417	458662.68, 3756501.16	265.83372	8.04E-02
418	458662.68, 3756531.16	248.83358	7.53E-02
419	458692.68, 3756291.16	515.57908	1.56E-01

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422	458692.68, 3756381.16	424.96785	1.29E-01
423	458692.68, 3756411.16	390.90057	1.18E-01
424	458692.68, 3756441.16	358.25026	1.08E-01
425	458692.68, 3756471.16	310.77988	9.40E-02
426	458692.68, 3756501.16	288.84512	8.74E-02
427	458692.68, 3756531.16	262.09618	7.93E-02
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431	458722.68, 3756381.16	477.44621	1.44E-01
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433	458722.68, 3756441.16	369.82303	1.12E-01
434	458722.68, 3756471.16	340.74689	1.03E-01
435	458722.68, 3756501.16	306.36716	9.27E-02
436	458722.68, 3756531.16	280.33474	8.48E-02
437	458752.68, 3756291.16	691.27118	2.09E-01
438	458752.68, 3756321.16	715.00607	2.16E-01
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440	458752.68, 3756381.16	535.67424	1.62E-01
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442	458752.68, 3756441.16	409.07743	1.24E-01
443	458752.68, 3756471.16	361.81762	1.09E-01
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446	458782.68, 3756291.16	909.65064	2.75E-01
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448	458782.68, 3756351.16	691.65013	2.09E-01
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452	458782.68, 3756471.16	383.83306	1.16E-01
453	458782.68, 3756501.16	308.33851	9.33E-02
454	458782.68, 3756531.16	263.61244	7.98E-02
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456	458812.68, 3756321.16	946.14863	2.86E-01
457	458812.68, 3756351.16	761.31506	2.30E-01
458	458812.68, 3756381.16	641.18186	1.94E-01
459	458812.68, 3756411.16	547.99984	1.66E-01
460	458812.68, 3756441.16	430.05919	1.30E-01
461	458812.68, 3756471.16	352.15062	1.07E-01
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478	458872.68, 3756441.16	458.831	1.39E-01
479	458872.68, 3756471.16	389.51898	1.18E-01
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485	458902.68, 3756381.16	702.83722	2.13E-01
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487	458902.68, 3756441.16	468.75799	1.42E-01
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505	458962.68, 3756441.16	442.87373	1.34E-01
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540	459082.68, 3756411.16	538.09566	1.63E-01
541	459082.68, 3756441.16	460.76018	1.39E-01

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544	459082.68, 3756531.16	247.92517	7.50E-02
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546	459112.68, 3756321.16	726.27318	2.20E-01
547	459112.68, 3756351.16	617.33924	1.87E-01
548	459112.68, 3756381.16	549.40826	1.66E-01
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551	459112.68, 3756471.16	380.90733	1.15E-01
552	459112.68, 3756501.16	336.95645	1.02E-01
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561	459142.68, 3756501.16	339.37568	1.03E-01
562	459142.68, 3756531.16	311.7297	9.43E-02
563	459172.68, 3756291.16	530.1488	1.60E-01
564	459172.68, 3756321.16	559.88693	1.69E-01
565	459172.68, 3756351.16	544.21329	1.65E-01
566	459172.68, 3756381.16	458.50246	1.39E-01
567	459172.68, 3756411.16	401.18047	1.21E-01
568	459172.68, 3756441.16	382.66551	1.16E-01
569	459172.68, 3756471.16	327.5914	9.91E-02
570	459172.68, 3756501.16	325.20014	9.84E-02
571	459172.68, 3756531.16	305.81484	9.25E-02
572	459202.68, 3756291.16	460.31655	1.39E-01
573	459202.68, 3756321.16	462.9202	1.40E-01
574	459202.68, 3756351.16	479.96202	1.45E-01
575	459202.68, 3756381.16	443.77446	1.34E-01
576	459202.68, 3756411.16	380.52101	1.15E-01
577	459202.68, 3756441.16	335.49522	1.02E-01
578	459202.68, 3756471.16	329.23434	9.96E-02
579	459202.68, 3756501.16	283.34499	8.57E-02
580	459202.68, 3756531.16	289.30279	8.75E-02
581	459232.68, 3756291.16	399.28814	1.21E-01
582	459232.68, 3756321.16	393.52703	1.19E-01
583	459232.68, 3756351.16	422.59681	1.28E-01
584	459232.68, 3756381.16	419.21659	1.27E-01
585	459232.68, 3756411.16	369.79075	1.12E-01
586	459232.68, 3756441.16	321.62729	9.73E-02
587	459232.68, 3756471.16	294.14468	8.90E-02
588	459232.68, 3756501.16	288.93688	8.74E-02
589	459232.68, 3756531.16	251.11138	7.60E-02
590	459262.68, 3756291.16	355.39942	1.08E-01
591	459262.68, 3756321.16	349.64795	1.06E-01
592	459262.68, 3756351.16	361.86665	1.09E-01
593	459262.68, 3756381.16	373.22523	1.13E-01
594	459262.68, 3756411.16	355.94919	1.08E-01
595	459262.68, 3756441.16	305.06021	9.23E-02
596	459262.68, 3756471.16	280.7526	8.50E-02
597	459262.68, 3756501.16	262.48203	7.94E-02
598	459262.68, 3756531.16	258.78018	7.83E-02
599	459292.68, 3756291.16	318.06694	9.62E-02
600	459292.68, 3756321.16	315.15324	9.54E-02
601	459292.68, 3756351.16	305.68859	9.25E-02
602	459292.68, 3756381.16	336.83218	1.02E-01

603	459292.68, 3756411.16	338.2353	1.02E-01
604	459292.68, 3756441.16	306.1849	9.27E-02
605	459292.68, 3756471.16	266.69778	8.07E-02
606	459292.68, 3756501.16	248.92298	7.53E-02
607	459292.68, 3756531.16	238.76209	7.22E-02
608	459322.68, 3756291.16	293.02343	8.87E-02
609	459322.68, 3756321.16	281.28363	8.51E-02
610	459322.68, 3756351.16	280.86149	8.50E-02
611	459322.68, 3756381.16	293.81051	8.89E-02
612	459322.68, 3756411.16	293.43615	8.88E-02
613	459322.68, 3756441.16	294.0277	8.90E-02
614	459322.68, 3756471.16	263.88737	7.99E-02
615	459322.68, 3756501.16	237.89562	7.20E-02
616	459322.68, 3756531.16	226.3396	6.85E-02
617	459352.68, 3756291.16	274.15984	8.30E-02
618	459352.68, 3756321.16	259.17774	7.84E-02
619	459352.68, 3756351.16	259.06338	7.84E-02
620	459352.68, 3756381.16	258.10765	7.81E-02
621	459352.68, 3756411.16	279.20235	8.45E-02
622	459352.68, 3756441.16	278.10218	8.42E-02
623	459352.68, 3756471.16	252.38014	7.64E-02
624	459352.68, 3756501.16	227.10156	6.87E-02
625	459352.68, 3756531.16	216.95946	6.57E-02
626	459382.68, 3756291.16	257.49956	7.79E-02
627	459382.68, 3756321.16	240.78126	7.29E-02
628	459382.68, 3756351.16	242.73305	7.35E-02
629	459382.68, 3756381.16	235.08666	7.11E-02
630	459382.68, 3756411.16	252.4564	7.64E-02
631	459382.68, 3756441.16	244.40064	7.40E-02
632	459382.68, 3756471.16	248.8737	7.53E-02
633	459382.68, 3756501.16	229.87486	6.96E-02
634	459382.68, 3756531.16	206.28011	6.24E-02
635	458633.73, 3756194.08	397.48203	1.20E-01
636	458633.73, 3756224.08	438.30564	1.33E-01
637	458663.73, 3756164.08	338.67266	1.02E-01
638	458663.73, 3756194.08	457.49184	1.38E-01
639	458663.73, 3756224.08	504.71937	1.53E-01
640	458693.73, 3756164.08	399.12753	1.21E-01
641	458693.73, 3756194.08	535.03313	1.62E-01
642	458693.73, 3756224.08	589.27158	1.78E-01
643	458723.73, 3756194.08	637.95922	1.93E-01
644	458723.73, 3756224.08	699.97851	2.12E-01
645	458753.73, 3756224.08	848.6168	2.57E-01
646	458783.73, 3756224.08	1055.79976	3.19E-01

Operational Risk (Combined Scenario) - Fueling (Benzene)

	Fueling
Emissions Rate (g/s):	3.03E-04

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	Fueling	Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 458909.21, 3756133.18	159.41792	0.048239215	1.7E-05	5.0E-05	2.9E-05	2.6E-05	1.2E-05	0.0E+00	7.8E-07	8.8E-07	7.9E-07	1.7E-07	2.6E-06
2 458909.21, 3756163.18	508.44478	0.153853326	5.3E-05	1.6E-04	9.3E-05	8.4E-05	3.9E-05	0.0E+00	2.5E-06	2.8E-06	2.5E-06	5.5E-07	8.4E-06
3 458939.21, 3756103.18	61.12912	0.018497424	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	0.0E+00	3.0E-07	3.4E-07	3.0E-07	6.6E-08	1.0E-06
4 458939.21, 3756133.18	116.5563	0.035269463	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	0.0E+00	5.7E-07	6.4E-07	5.8E-07	1.3E-07	1.9E-06
5 458939.21, 3756163.18	379.09076	0.114711325	4.0E-05	1.2E-04	6.9E-05	6.3E-05	2.9E-05	0.0E+00	1.9E-06	2.1E-06	1.9E-06	4.1E-07	6.2E-06
6 458969.21, 3756043.18	24.23088	0.007332166	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
7 458969.21, 3756073.18	34.59823	0.010469284	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.8E-08	5.7E-07
8 458969.21, 3756103.18	54.95216	0.016628301	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	0.0E+00	2.7E-07	3.0E-07	2.7E-07	6.0E-08	9.0E-07
9 458969.21, 3756133.18	115.61976	0.03498607	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	0.0E+00	5.7E-07	6.4E-07	5.8E-07	1.3E-07	1.9E-06
10 458969.21, 3756163.18	408.6261	0.123648599	4.3E-05	1.3E-04	7.5E-05	6.8E-05	3.1E-05	0.0E+00	2.0E-06	2.2E-06	2.0E-06	4.4E-07	6.7E-06
11 458969.21, 3756193.18	223	0.067478895	2.3E-05	7.1E-05	4.1E-05	3.7E-05	1.7E-05	0.0E+00	1.1E-06	1.2E-06	1.1E-06	2.4E-07	3.7E-06
12 458969.21, 3756223.18	1047.39002	0.316935968	1.1E-04	3.3E-04	1.9E-04	1.7E-04	7.9E-05	0.0E+00	5.1E-06	5.8E-06	5.2E-06	1.1E-06	1.7E-05
13 458999.21, 3756013.18	17.16561	0.005194244	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.4E-08	9.4E-08	8.5E-08	1.9E-08	2.8E-07
14 458999.21, 3756043.18	22.86453	0.006918714	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	1.1E-07	1.3E-07	1.1E-07	2.5E-08	3.8E-07
15 458999.21, 3756073.18	32.70999	0.00989791	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
16 458999.21, 3756103.18	55.40882	0.016766484	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	0.0E+00	2.7E-07	3.0E-07	2.8E-07	6.0E-08	9.1E-07
17 458999.21, 3756133.18	128.82269	0.038981223	1.3E-05	4.1E-05	2.4E-05	2.1E-05	9.8E-06	0.0E+00	6.3E-07	7.1E-07	6.4E-07	1.4E-07	2.1E-06
18 458999.21, 3756163.18	358.22411	0.108397161	3.8E-05	1.1E-04	6.6E-05	5.9E-05	2.7E-05	0.0E+00	1.8E-06	2.0E-06	1.8E-06	3.9E-07	5.9E-06
19 458999.21, 3756193.18	735.00283	0.222408873	7.7E-05	2.3E-04	1.3E-04	1.2E-04	5.6E-05	0.0E+00	3.6E-06	4.0E-06	3.7E-06	8.0E-07	1.2E-05
20 458999.21, 3756223.18	613.73191	0.185712785	6.4E-05	1.9E-04	1.1E-04	1.0E-04	4.6E-05	0.0E+00	3.0E-06	3.4E-06	3.1E-06	6.7E-07	1.0E-05
21 459029.21, 3755953.18	10.46709	0.003167299	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	5.1E-08	5.7E-08	5.2E-08	1.1E-08	1.7E-07
22 459029.21, 3755983.18	12.92219	0.003910202	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	0.0E+00	6.3E-08	7.1E-08	6.4E-08	1.4E-08	2.1E-07
23 459029.21, 3756013.18	16.39912	0.004962307	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	8.0E-08	9.0E-08	8.2E-08	1.8E-08	2.7E-07
24 459029.21, 3756043.18	21.91228	0.006630567	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
25 459029.21, 3756073.18	32.73476	0.009905405	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
26 459029.21, 3756103.18	59.95768	0.018142951	6.3E-06	1.9E-05	1.1E-05	1.0E-05	4.5E-06	0.0E+00	2.9E-07	3.3E-07	3.0E-07	6.5E-08	9.9E-07
27 459029.21, 3756133.18	133.39143	0.040363705	1.4E-05	4.2E-05	2.4E-05	2.2E-05	1.0E-05	0.0E+00	6.5E-07	7.3E-07	6.6E-07	1.4E-07	2.2E-06
28 459029.21, 3756163.18	286.9038	0.086815925	3.0E-05	9.1E-05	5.3E-05	4.8E-05	2.2E-05	0.0E+00	1.4E-06	1.6E-06	1.4E-06	3.1E-07	4.7E-06
29 459029.21, 3756193.18	458.89717	0.138860421	4.8E-05	1.5E-04	8.4E-05	7.6E-05	3.5E-05	0.0E+00	2.2E-06	2.5E-06	2.3E-06	5.0E-07	7.5E-06
30 459029.21, 3756223.18	403.037	0.12195736	4.2E-05	1.3E-04	7.4E-05	6.7E-05	3.1E-05	0.0E+00	2.0E-06	2.2E-06	2.0E-06	4.4E-07	6.6E-06
31 459059.21, 3755923.18	8.44231	0.002554609	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.2E-09	1.4E-07
32 459059.21, 3755953.18	10.12614	0.003064129	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.0E-08	1.1E-08	1.7E-07
33 459059.21, 3755983.18	12.40899	0.00375491	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	0.0E+00	6.1E-08	6.8E-08	6.2E-08	1.3E-08	2.0E-07
34 459059.21, 3756013.18	15.82573	0.004788802	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.7E-08	8.7E-08	7.9E-08	1.7E-08	2.6E-07
35 459059.21, 3756043.18	21.87972	0.006620714	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
36 459059.21, 3756073.18	34.74304	0.010513103	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.8E-08	5.7E-07
37 459059.21, 3756103.18	64.69586	0.019576705	6.8E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	0.0E+00	3.2E-07	3.6E-07	3.2E-07	7.0E-08	1.1E-06
38 459059.21, 3756133.18	127.90145	0.03870246	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.7E-06	0.0E+00	6.3E-07	7.0E-07	6.4E-07	1.4E-07	2.1E-06
39 459059.21, 3756163.18	227.75812	0.068918683	2.4E-05	7.2E-05	4.2E-05	3.8E-05	1.7E-05	0.0E+00	1.1E-06	1.3E-06	1.1E-06	2.5E-07	3.7E-06
40 459059.21, 3756193.18	317.08044	0.095947254	3.3E-05	1.0E-04	5.8E-05	5.3E-05	2.4E-05	0.0E+00	1.6E-06	1.7E-06	1.6E-06	3.4E-07	5.2E-06
41 459059.21, 3756223.18	286.28741	0.086629408	3.0E-05	9.1E-05	5.2E-05	4.8E-05	2.2E-05	0.0E+00	1.4E-06	1.6E-06	1.4E-06	3.1E-07	4.7E-06
42 459089.21, 3755863.18	6.00891	0.001818272	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.9E-08
43 459089.21, 3755893.18	6.96889	0.002108758	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.4E-08	3.8E-08	3.5E-08	7.6E-09	1.1E-07
44 459089.21, 3755923.18	8.17586	0.002473982	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.9E-09	1.3E-07
45 459089.21, 3755953.18	9.76066	0.002953536	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
46 459089.21, 3755983.18	12.02687	0.003639282	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	0.0E+00	5.9E-08	6.6E-08	6.0E-08	1.3E-08	2.0E-07
47 459089.21, 3756013.18	15.73899	0.004762554	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.7E-08	8.6E-08	7.8E-08	1.7E-08	2.6E-07
48 459089.21, 3756043.18	22.76984	0.006890061	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	1.1E-07	1.3E-07	1.1E-07	2.5E-08	3.7E-07
49 459089.21, 3756073.18	37.37879	0.01131067	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	0.0E+00	1.8E-07	2.1E-07	1.9E-07	4.1E-08	6.1E-07
50 459089.21, 3756103.18	67.0093	0.020276742	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	0.0E+00	3.3E-07	3.7E-07	3.3E-07	7.3E-08	1.1E-06
51 459089.21, 3756133.18	117.57929	0.035579016	1.2E-05	3.7E-05	2.2E-05	2.0E-05	8.9E-06	0.0E+00	5.8E-07	6.5E-07	5.9E-07	1.3E-07	1.9E-06
52 459089.21, 3756163.18	183.25646	0.055452661	1.9E-05	5.8E-05	3.4E-05	3.0E-05	1.4E-05	0.0E+00	9.0E-07	1.0E-06	9.1E-07	2.0E-07	3.0E-06
53 459089.21, 3756193.18	233.98143	0.070801831	2.5E-05	7.4E-05	4.3E-05	3.9E-05	1.8E-05	0.0E+00	1.1E-06	1.3E-06	1.2E-06	2.5E-07	3.8E-06
54 459089.21, 3756223.18	215.17452	0.065110936	2.3E-05	6.8E-05	3.9E-05	3.6E-05	1.6E-05	0.0E+00	1.1E-06	1.2E-06	1.1E-06	2.3E-07	3.5E-06
55 459119.21, 3755833.18	5.13173	0.001552841	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	0.0E+00	2.5E-08	2.8E-08	2.6E-08	5.6E-09	8.4E-08
56 459119.21, 3755863.18	5.86065	0.001773409	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	0.0E+00	2.9E-08	3.2E-08	2.9E-08	6.4E-09	9.6E-08
57 459119.21, 3755893.18	6.75791	0.002044916	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.3E-09	1.1E-07
58 459119.21, 3755923.18	7.90725	0.002392702	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	0.0E+00	3.9E-08	4.3E-08	3.9E-08	8.6E-09	1.3E-07
59 459119.21, 3755953.18	9.49176	0.002872168	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	0.0E+00	4.6E-08	5.2E-08	4.7E-08	1.0E-08	1.6E-07
60 459119.21, 3755983.18	11.93073	0.00361019	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	0.0E+00	5.8E-08	6.6E-08	5.9E-08	1.3E-08	2.0E-07
61 459119.21, 3756013.18	16.15385	0.004888089	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.9E-08	8.9E-08	8.0E-08	1.8E-08	2.7E-07
62 459119.21, 3756043.18	24.1531	0.00730863	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
63 459119.21, 3756073.18	39.49478	0.01195096	4.1E-06	1.2E-05	7.2E-06	6.6E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
64 459119.21, 3756103.18	66.33357	0.020072269	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	0.0E+00	3.2E-07	3.6E-07	3.3E-07	7.2E-08	1.1E-06
65 459119.21, 3756133.18	105.38787	0.031889942	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	0.0E+00	5.2E-07	5.8E-07	5.2E-07	1.1E-07	1.7E-06
66 459119.21, 3756163.18	149.93456	0.045369589	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	0.0E+00	7.3E-07	8.2E-07	7.5E-07	1.6E-07	2.5E-06
67 459119.21, 3756193.18	180.85414	0.054725729	1.9E-05	5.7E-05	3.3E-05	3.0E-05	1.4E-05	0.0E+00	8.8E-07	9.9E-07	9.0E-07	2.0E-07	3.0E-06
68 459119.21, 3756223.18	168.44218	0.05096992	1.8E-05	5.3E-05	3.1E-05	2.8E-05	1.3E-05	0.0E+00	8.2E-07	9.3E-07	8.4E-07	1.8E-07	2.8E-06
69 459149.21, 3755773.18	3.95961	0.001198162	4.1E-07	1.3E-06	7.2E-07	6.6E-07	3.0E-07	0.0E+00	1.9E-08	2.2E-08	2.0E-08	4.3E-09	6.5E-08
70 459149.21, 3755803.18	4.43816	0.001342969	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.3E-08

71	459149.21, 3755833.18	5.00574	0.001514717	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.4E-09	8.2E-08
72	459149.21, 3755863.18	5.69305	0.001722694	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.2E-09	9.4E-08
73	459149.21, 3755893.18	6.55479	0.001983453	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	3.2E-08	3.6E-08	3.3E-08	7.1E-09	1.1E-07
74	459149.21, 3755923.18	7.70661	0.002331989	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.8E-08	4.2E-08	3.8E-08	8.4E-09	1.3E-07
75	459149.21, 3755953.18	9.39512	0.002842925	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.6E-08	5.2E-08	4.7E-08	1.0E-08	1.5E-07
76	459149.21, 3755983.18	12.13794	0.003672891	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.9E-08	6.7E-08	6.0E-08	1.3E-08	2.0E-07
77	459149.21, 3756013.18	16.94687	0.005128054	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.3E-08	9.3E-08	8.4E-08	1.8E-08	2.8E-07
78	459149.21, 3756043.18	25.60163	0.007746949	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
79	459149.21, 3756073.18	40.57451	0.012277682	4.3E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	0.0E+00	2.0E-07	2.2E-07	2.0E-07	4.4E-08	6.7E-07
80	459149.21, 3756103.18	63.64873	0.019259847	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	0.0E+00	3.1E-07	3.5E-07	3.2E-07	6.9E-08	1.0E-06
81	459149.21, 3756133.18	93.52099	0.028299072	9.8E-06	3.0E-05	1.7E-05	1.6E-05	7.1E-06	0.0E+00	4.6E-07	5.1E-07	4.7E-07	1.0E-07	1.5E-06
82	459149.21, 3756163.18	124.77017	0.037754947	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	0.0E+00	6.1E-07	6.9E-07	6.2E-07	1.4E-07	2.1E-06
83	459149.21, 3756193.18	144.77641	0.043808754	1.5E-05	4.6E-05	2.7E-05	2.4E-05	1.1E-05	0.0E+00	7.1E-07	8.0E-07	7.2E-07	1.6E-07	2.4E-06
84	459149.21, 3756223.18	136.05101	0.041168483	1.4E-05	4.3E-05	2.5E-05	2.3E-05	1.0E-05	0.0E+00	6.7E-07	7.5E-07	6.8E-07	1.5E-07	2.2E-06
85	459179.21, 3755773.18	3.88061	0.001174257	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.4E-08
86	459179.21, 3755803.18	4.33225	0.001310921	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.7E-09	7.1E-08
87	459179.21, 3755833.18	4.87214	0.00147429	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.3E-09	8.0E-08
88	459179.21, 3755863.18	5.53866	0.001675976	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	0.0E+00	2.7E-08	3.0E-08	2.8E-08	6.0E-09	9.1E-08
89	459179.21, 3755893.18	6.40683	0.001938681	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	3.1E-08	3.5E-08	3.2E-08	7.0E-09	1.1E-07
90	459179.21, 3755923.18	7.62667	0.002307799	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07
91	459179.21, 3755953.18	9.49643	0.002873581	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	0.0E+00	4.6E-08	5.2E-08	4.7E-08	1.0E-08	1.6E-07
92	459179.21, 3755983.18	12.58098	0.003806953	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	6.2E-08	6.9E-08	6.3E-08	1.4E-08	2.1E-07
93	459179.21, 3756013.18	17.8419	0.005398887	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.7E-08	9.8E-08	8.9E-08	1.9E-08	2.9E-07
94	459179.21, 3756043.18	26.67307	0.008071163	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.5E-07	1.3E-07	2.9E-08	4.4E-07
95	459179.21, 3756073.18	40.53193	0.012264797	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	0.0E+00	2.0E-07	2.2E-07	2.0E-07	4.4E-08	6.7E-07
96	459179.21, 3756103.18	59.89953	0.018125355	6.3E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	0.0E+00	2.9E-07	3.3E-07	3.0E-07	6.5E-08	9.9E-07
97	459179.21, 3756133.18	82.86173	0.025073623	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	0.0E+00	4.1E-07	4.6E-07	4.1E-07	9.0E-08	1.4E-06
98	459179.21, 3756163.18	105.28934	0.031860127	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	0.0E+00	5.2E-07	5.8E-07	5.2E-07	1.1E-07	1.7E-06
99	459179.21, 3756193.18	118.98126	0.036003246	1.2E-05	3.8E-05	2.2E-05	2.0E-05	9.0E-06	0.0E+00	5.8E-07	6.5E-07	5.9E-07	1.3E-07	2.0E-06
100	459179.21, 3756223.18	112.57211	0.034063864	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.5E-06	0.0E+00	5.5E-07	6.2E-07	5.6E-07	1.2E-07	1.9E-06
101	459209.21, 3755803.18	4.22481	0.00127841	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	7.0E-08
102	459209.21, 3755833.18	4.75201	0.001437939	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.8E-08
103	459209.21, 3755863.18	5.42253	0.001640836	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	0.0E+00	2.7E-08	3.0E-08	2.7E-08	5.9E-09	8.9E-08
104	459209.21, 3755893.18	6.32953	0.00191529	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	0.0E+00	3.1E-08	3.5E-08	3.2E-08	6.9E-09	1.0E-07
105	459209.21, 3755923.18	7.65926	0.002317661	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07
106	459209.21, 3755953.18	9.74156	0.002947757	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
107	459209.21, 3755983.18	13.1219	0.003970634	1.4E-06	4.2E-06	2.4E-06	2.2E-06	9.9E-07	0.0E+00	6.4E-08	7.2E-08	6.5E-08	1.4E-08	2.2E-07
108	459209.21, 3756013.18	18.63098	0.005637659	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.3E-08	2.0E-08	3.1E-07
109	459209.21, 3756043.18	27.27319	0.008252757	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.3E-07	1.5E-07	1.4E-07	3.0E-08	4.5E-07
110	459209.21, 3756073.18	39.69826	0.012012532	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
111	459209.21, 3756103.18	55.66975	0.01684544	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	0.0E+00	2.7E-07	3.1E-07	2.8E-07	6.0E-08	9.2E-07
112	459209.21, 3756133.18	73.50312	0.022241746	7.7E-06	2.3E-05	1.3E-05	1.2E-05	5.6E-06	0.0E+00	3.6E-07	4.0E-07	3.7E-07	8.0E-08	1.2E-06
113	459209.21, 3756163.18	89.91272	0.027207224	9.4E-06	2.8E-05	1.6E-05	1.5E-05	6.8E-06	0.0E+00	4.4E-07	4.9E-07	4.5E-07	9.8E-08	1.5E-06
114	459209.21, 3756193.18	99.43469	0.030088534	1.0E-05	3.1E-05	1.8E-05	1.7E-05	7.5E-06	0.0E+00	4.9E-07	5.5E-07	5.0E-07	1.1E-07	1.6E-06
115	459209.21, 3756223.18	94.82813	0.028694607	9.9E-06	3.0E-05	1.7E-05	1.6E-05	7.2E-06	0.0E+00	4.6E-07	5.2E-07	4.7E-07	1.0E-07	1.6E-06
116	459239.21, 3755803.18	4.12832	0.001249213	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	0.0E+00	2.0E-08	2.3E-08	2.1E-08	4.5E-09	6.8E-08
117	459239.21, 3755833.18	4.6577	0.001409401	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.1E-09	7.7E-08
118	459239.21, 3755863.18	5.35765	0.001621203	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	0.0E+00	2.6E-08	2.9E-08	2.7E-08	5.8E-09	8.8E-08
119	459239.21, 3755893.18	6.33769	0.001917759	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	0.0E+00	3.1E-08	3.5E-08	3.2E-08	6.9E-09	1.0E-07
120	459239.21, 3755923.18	7.79804	0.002359655	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.8E-08	4.3E-08	3.9E-08	8.5E-09	1.3E-07
121	459239.21, 3755953.18	10.07767	0.003049462	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.9E-08	5.5E-08	5.0E-08	1.1E-08	1.7E-07
122	459239.21, 3755983.18	13.67183	0.00413704	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.5E-08	6.8E-08	1.5E-08	2.2E-07
123	459239.21, 3756013.18	19.23103	0.005819232	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	9.4E-08	1.1E-07	9.6E-08	2.1E-08	3.2E-07
124	459239.21, 3756043.18	27.39572	0.008289834	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.3E-07	1.5E-07	1.4E-07	3.0E-08	4.5E-07
125	459239.21, 3756073.18	38.33036	0.011598611	4.0E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	0.0E+00	1.9E-07	2.1E-07	1.9E-07	4.2E-08	6.3E-07
126	459239.21, 3756103.18	51.43257	0.015563287	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	0.0E+00	2.5E-07	2.8E-07	2.6E-07	5.6E-08	8.5E-07
127	459239.21, 3756133.18	65.37458	0.019782083	6.8E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	0.0E+00	3.2E-07	3.6E-07	3.3E-07	7.1E-08	1.1E-06
128	459239.21, 3756163.18	77.74492	0.023525297	8.1E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	0.0E+00	3.8E-07	4.3E-07	3.9E-07	8.4E-08	1.3E-06
129	459239.21, 3756193.18	85.67989	0.025926387	9.0E-06	2.7E-05	1.6E-05	1.4E-05	6.5E-06	0.0E+00	4.2E-07	4.7E-07	4.3E-07	9.3E-08	1.4E-06
130	459239.21, 3756223.18	81.17341	0.024562744	8.5E-06	2.6E-05	1.5E-05	1.3E-05	6.1E-06	0.0E+00	4.0E-07	4.5E-07	4.0E-07	8.8E-08	1.3E-06
131	459269.21, 3755833.18	4.60138	0.001392359	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	0.0E+00	2.3E-08	2.5E-08	2.3E-08	5.0E-09	7.6E-08
132	459269.21, 3755863.18	5.34944	0.001618719	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	0.0E+00	2.6E-08	2.9E-08	2.7E-08	5.8E-09	8.8E-08
133	459269.21, 3755893.18	6.42548	0.001944324	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	3.1E-08	3.5E-08	3.2E-08	7.0E-09	1.1E-07
134	459269.21, 3755923.18	8.03188	0.002430414	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.9E-08	4.4E-08	4.0E-08	8.7E-09	1.3E-07
135	459269.21, 3755953.18	10.4801	0.003171236	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	5.1E-08	5.8E-08	5.2E-08	1.1E-08	1.7E-07
136	459269.21, 3755983.18	14.19482	0.004295295	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.9E-08	7.8E-08	7.1E-08	1.5E-08	2.3E-07
137	459269.21, 3756013.18	19.63284	0.005940818	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.6E-08	1.1E-07	9.8E-08	2.1E-08	3.2E-07
138	459269.21, 3756043.18	27.12276	0.008207237	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.3E-07	1.5E-07	1.4E-07	2.9E-08	4.5E-07
139	459269.21, 3756073.18	36.59619	0.011073859	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.0E-07
140	459269.21, 3756103.18	47.40801	0.014345471	5.0E-06	1.5E-05	8.7E-06	7.9E-06	3.6E-06	0.0E+00	2.3E-07	2.6E-07	2.4E-07	5.1E-08	7.8E-07
141	459269.21, 3756133.18	59.21518	0.017918273	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	0.0E+00	2.9E-07	3.3E-07	2.9E-07	6.4E-08	9.7E-07
142	459269.21, 3756163.18	69.30561	0.020971596	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.2E-06	0.0E+00	3.4E-07	3.8E-07	3.5E-07	7.5E-08	1.1E-06
143	459269.21, 3756193.18	74.59379	0.022571778	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	0.0E+00	3.7E-07	4.1E-07	3.7E-07	8.1E-08	1.2E-06
144	459269.21, 3756223.18	71.10934	0.021517398	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	0.0E+00	3.5E-07	3.9E-07	3.5E-07	7.7E-08	1.2E-06
145	459299.21, 3755863.18	5.39711	0.001633144	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	0.0E+00	2.6E-08	3.0E-08	2.7E-08	5.9E-09	8.9E-08
146	459299.21, 3755893.18	6.57262	0.001988848	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	3.2E-08	3.6E-08	3.3E-08	7.1E-09	1.1E-07
147	459299.21, 3755923.18	8.30959	0.002514448	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	4.1E-08	4.6E-08	4.1E-08	9.0E-09	1.4E-07
148	459299.21, 3755953.18	10.87152	0.003289678	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	5.3E-08	6.0E-08	5.4E-08	1.2E-08	1.8E-07
149	459299.21, 3755983.18	14.5995	0.004417749	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.1E-08	8.0E-08	7.3E-08	1.6E-08	2.4E-07

150	459299.21, 3756013.18	19.80741	0.005993642	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.7E-08	1.1E-07	9.9E-08	2.2E-08	3.3E-07
151	459299.21, 3756043.18	26.57801	0.008042398	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.5E-07	1.3E-07	2.9E-08	4.4E-07
152	459299.21, 3756073.18	34.7176	0.010505405	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.8E-08	5.7E-07
153	459299.21, 3756103.18	44.17688	0.013367745	4.6E-06	1.4E-05	8.1E-06	7.3E-06	3.3E-06	0.0E+00	2.2E-07	2.4E-07	2.2E-07	4.8E-08	7.3E-07
154	459299.21, 3756133.18	53.67826	0.016242824	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	0.0E+00	2.6E-07	2.9E-07	2.7E-07	5.8E-08	8.8E-07
155	459299.21, 3756163.18	61.67697	0.018663201	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	3.0E-07	3.4E-07	3.1E-07	6.7E-08	1.0E-06
156	459299.21, 3756193.18	65.5984	0.01984981	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	0.0E+00	3.2E-07	3.6E-07	3.3E-07	7.1E-08	1.1E-06
157	459299.21, 3756223.18	62.64831	0.018957124	6.6E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	3.1E-07	3.4E-07	3.1E-07	6.8E-08	1.0E-06
158	459329.21, 3755863.18	5.4949	0.001662734	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	0.0E+00	2.7E-08	3.0E-08	2.7E-08	6.0E-09	9.0E-08
159	459329.21, 3755893.18	6.76195	0.002046139	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.3E-09	1.1E-07
160	459329.21, 3755923.18	8.59339	0.002600325	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	4.2E-08	4.7E-08	4.3E-08	9.3E-09	1.4E-07
161	459329.21, 3755953.18	11.21857	0.003394694	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
162	459329.21, 3755983.18	14.86715	0.004498739	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	0.0E+00	7.3E-08	8.2E-08	7.4E-08	1.6E-08	2.4E-07
163	459329.21, 3756013.18	19.44795	0.005884871	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	0.0E+00	9.5E-08	1.1E-07	9.7E-08	2.1E-08	3.2E-07
164	459329.21, 3756043.18	25.62553	0.007754181	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
165	459329.21, 3756073.18	32.9111	0.009958765	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
166	459329.21, 3756103.18	40.94329	0.012389273	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	0.0E+00	2.0E-07	2.2E-07	2.0E-07	4.4E-08	6.7E-07
167	459329.21, 3756133.18	48.74851	0.014751101	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	0.0E+00	2.4E-07	2.7E-07	2.4E-07	5.3E-08	8.0E-07
168	459329.21, 3756163.18	55.07891	0.016666655	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	0.0E+00	2.7E-07	3.0E-07	2.7E-07	6.0E-08	9.1E-07
169	459329.21, 3756193.18	58.13359	0.017590988	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	0.0E+00	2.8E-07	3.2E-07	2.9E-07	6.3E-08	9.6E-07
170	459329.21, 3756223.18	55.68288	0.016849413	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	0.0E+00	2.7E-07	3.1E-07	2.8E-07	6.0E-08	9.2E-07
171	459359.21, 3755893.18	6.97069	0.002109302	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.4E-08	3.8E-08	3.5E-08	7.6E-09	1.1E-07
172	459359.21, 3755923.18	8.87016	0.002684074	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	0.0E+00	4.3E-08	4.9E-08	4.4E-08	9.6E-09	1.5E-07
173	459359.21, 3755953.18	11.50585	0.003481624	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	0.0E+00	5.6E-08	6.3E-08	5.7E-08	1.2E-08	1.9E-07
174	459359.21, 3755983.18	14.70081	0.004448405	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.2E-08	8.1E-08	7.3E-08	1.6E-08	2.4E-07
175	459359.21, 3756013.18	19.0295	0.005758249	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	0.0E+00	9.3E-08	1.0E-07	9.5E-08	2.1E-08	3.1E-07
176	459359.21, 3756043.18	24.66544	0.007463662	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
177	459359.21, 3756073.18	31.15699	0.009427979	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.1E-07
178	459359.21, 3756103.18	37.96996	0.011489556	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	0.0E+00	1.9E-07	2.1E-07	1.9E-07	4.1E-08	6.2E-07
179	459359.21, 3756133.18	44.40453	0.013436631	4.7E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	0.0E+00	2.2E-07	2.4E-07	2.2E-07	4.8E-08	7.3E-07
180	459359.21, 3756163.18	49.43471	0.014958743	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.7E-06	0.0E+00	2.4E-07	2.7E-07	2.5E-07	5.4E-08	8.1E-07
181	459359.21, 3756193.18	51.81269	0.01567831	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	0.0E+00	2.5E-07	2.8E-07	2.6E-07	5.6E-08	8.5E-07
182	459359.21, 3756223.18	49.85915	0.015087176	5.2E-06	1.6E-05	9.1E-06	8.3E-06	3.8E-06	0.0E+00	2.4E-07	2.7E-07	2.5E-07	5.4E-08	8.2E-07
183	459389.21, 3755923.18	9.1248	0.002761127	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	0.0E+00	4.5E-08	5.0E-08	4.5E-08	9.9E-09	1.5E-07
184	459389.21, 3755953.18	11.7227	0.003547241	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
185	459389.21, 3755983.18	14.74108	0.004460591	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.2E-08	8.1E-08	7.3E-08	1.6E-08	2.4E-07
186	459389.21, 3756013.18	18.68465	0.005653899	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.3E-08	2.0E-08	3.1E-07
187	459389.21, 3756043.18	23.69082	0.007168746	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	3.9E-07
188	459389.21, 3756073.18	29.43975	0.008908349	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	0.0E+00	1.4E-07	1.6E-07	1.5E-07	3.2E-08	4.8E-07
189	459389.21, 3756103.18	35.24732	0.010665696	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	0.0E+00	1.7E-07	1.9E-07	1.8E-07	3.8E-08	5.8E-07
190	459389.21, 3756133.18	40.52473	0.012262619	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	0.0E+00	2.0E-07	2.2E-07	2.0E-07	4.4E-08	6.7E-07
191	459389.21, 3756163.18	44.51041	0.013468669	4.7E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	0.0E+00	2.2E-07	2.4E-07	2.2E-07	4.8E-08	7.3E-07
192	459389.21, 3756193.18	46.43093	0.014049811	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	0.0E+00	2.3E-07	2.6E-07	2.3E-07	5.0E-08	7.6E-07
193	459389.21, 3756223.18	44.91817	0.013592056	4.7E-06	1.4E-05	8.2E-06	7.5E-06	3.4E-06	0.0E+00	2.2E-07	2.5E-07	2.2E-07	4.9E-08	7.4E-07
194	458472.27, 3755792.92	12.06093	0.003649588	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	0.0E+00	5.9E-08	6.6E-08	6.0E-08	1.3E-08	2.0E-07
195	458472.27, 3755822.92	13.3651	0.004044225	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.7E-08	1.5E-08	2.2E-07
196	458472.27, 3755852.92	14.739	0.004459962	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.2E-08	8.1E-08	7.3E-08	1.6E-08	2.4E-07
197	458472.27, 3755882.92	16.17101	0.004893282	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.9E-08	8.9E-08	8.1E-08	1.8E-08	2.7E-07
198	458472.27, 3755912.92	17.59255	0.005323434	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.6E-08	9.7E-08	8.8E-08	1.9E-08	2.9E-07
199	458472.27, 3755942.92	18.93489	0.005729621	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	0.0E+00	9.3E-08	1.0E-07	9.4E-08	2.1E-08	3.1E-07
200	458472.27, 3755972.92	20.10849	0.006084747	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	9.8E-08	1.1E-07	1.0E-07	2.2E-08	3.3E-07
201	458472.27, 3756002.92	20.94749	0.006338625	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	0.0E+00	1.0E-07	1.2E-07	1.0E-07	2.3E-08	3.4E-07
202	458502.27, 3755792.92	12.1957	0.003690369	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	6.0E-08	6.7E-08	6.1E-08	1.3E-08	2.0E-07
203	458502.27, 3755822.92	13.68302	0.004140426	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.5E-08	6.8E-08	1.5E-08	2.3E-07
204	458502.27, 3755852.92	15.26649	0.004619578	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	0.0E+00	7.5E-08	8.4E-08	7.6E-08	1.7E-08	2.5E-07
205	458502.27, 3755882.92	16.95102	0.00512931	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.3E-08	9.3E-08	8.4E-08	1.8E-08	2.8E-07
206	458502.27, 3755912.92	18.69183	0.005656072	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.3E-08	2.0E-08	3.1E-07
207	458502.27, 3755942.92	20.38836	0.006169435	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.4E-07
208	458502.27, 3755972.92	21.94434	0.006640268	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
209	458502.27, 3756002.92	23.20049	0.007020374	2.4E-06	7.3E-06	4.2E-06	3.9E-06	1.8E-06	0.0E+00	1.1E-07	1.3E-07	1.2E-07	2.5E-08	3.8E-07
210	458502.27, 3756032.92	23.92865	0.007240712	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	3.9E-07
211	458532.27, 3755792.92	12.19288	0.003689516	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	6.0E-08	6.7E-08	6.1E-08	1.3E-08	2.0E-07
212	458532.27, 3755822.92	13.86144	0.004194415	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.8E-08	7.6E-08	6.9E-08	1.5E-08	2.3E-07
213	458532.27, 3755852.92	15.68487	0.004746178	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.7E-08	8.6E-08	7.8E-08	1.7E-08	2.6E-07
214	458532.27, 3755882.92	17.64235	0.005338503	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.6E-08	9.7E-08	8.8E-08	1.9E-08	2.9E-07
215	458532.27, 3755912.92	19.73484	0.005971682	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.7E-08	1.1E-07	9.8E-08	2.1E-08	3.2E-07
216	458532.27, 3755942.92	21.86743	0.006616996	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
217	458532.27, 3755972.92	23.90613	0.007233898	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	3.9E-07
218	458532.27, 3756002.92	25.69277	0.007774528	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
219	458532.27, 3756032.92	26.94566	0.008153647	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	0.0E+00	1.3E-07	1.5E-07	1.3E-07	2.9E-08	4.4E-07
220	458562.27, 3755792.92	12.03708	0.003642372	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	0.0E+00	5.9E-08	6.6E-08	6.0E-08	1.3E-08	2.0E-07
221	458562.27, 3755822.92	13.86063	0.00419417	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.8E-08	7.6E-08	6.9E-08	1.5E-08	2.3E-07
222	458562.27, 3755852.92	15.92456	0.004818707	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.8E-08	8.7E-08	7.9E-08	1.7E-08	2.6E-07
223	458562.27, 3755882.92	18.19549	0.005505881	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.9E-08	1.0E-07	9.1E-08	2.0E-08	3.0E-07
224	458562.27, 3755912.92	20.66578	0.006253381	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.4E-07
225	458562.27, 3755942.92	23.30571	0.007052213	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.1E-07	1.3E-07	1.2E-07	2.5E-08	3.8E-07
226	458562.27, 3755972.92	25.96035	0.007855497	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.3E-07
227	458562.27, 3756002.92	28.41214	0.008597398	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	0.0E+00	1.4E-07	1.6E-07	1.4E-07	3.1E-08	4.7E-07
228	458562.27, 3756032.92	30.38137	0.009193279	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	0.0E+00	1.5E-07	1.7E-07	1.5E-07	3.3E-08	5.0E-07

229	458562.27, 3756062.92	31.44116	0.009513967	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.2E-07
230	458592.27, 3755792.92	11.71309	0.003544333	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
231	458592.27, 3755822.92	13.6565	0.004132401	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.5E-08	6.8E-08	1.5E-08	2.2E-07
232	458592.27, 3755852.92	15.92615	0.004819188	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.8E-08	8.7E-08	7.9E-08	1.7E-08	2.6E-07
233	458592.27, 3755882.92	18.51359	0.005602137	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.2E-08	2.0E-08	3.0E-07
234	458592.27, 3755912.92	21.41477	0.006480022	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	0.0E+00	1.0E-07	1.2E-07	1.1E-07	2.3E-08	3.5E-07
235	458592.27, 3755942.92	24.61248	0.007447637	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.0E-07
236	458592.27, 3755972.92	28.00239	0.00847341	2.9E-06	8.9E-06	5.1E-06	4.6E-06	2.1E-06	0.0E+00	1.4E-07	1.5E-07	1.4E-07	3.0E-08	4.6E-07
237	458592.27, 3756002.92	31.3365	0.009482298	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.2E-07
238	458592.27, 3756032.92	34.25856	0.010366501	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.7E-08	5.6E-07
239	458592.27, 3756062.92	36.24839	0.010968616	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	3.9E-08	6.0E-07
240	458622.27, 3755792.92	11.22294	0.003396016	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
241	458622.27, 3755822.92	13.23441	0.004004679	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.6E-08	1.4E-08	2.2E-07
242	458622.27, 3755852.92	15.65218	0.004736286	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.7E-08	8.6E-08	7.8E-08	1.7E-08	2.6E-07
243	458622.27, 3755882.92	18.53053	0.005607263	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.2E-08	2.0E-08	3.0E-07
244	458622.27, 3755912.92	21.87805	0.006620209	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
245	458622.27, 3755942.92	25.67445	0.007768984	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
246	458622.27, 3755972.92	29.89625	0.009046484	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	0.0E+00	1.5E-07	1.6E-07	1.5E-07	3.2E-08	4.9E-07
247	458622.27, 3756002.92	34.3362	0.010389995	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.7E-08	5.6E-07
248	458622.27, 3756032.92	38.55066	0.011665273	4.0E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	0.0E+00	1.9E-07	2.1E-07	1.9E-07	4.2E-08	6.3E-07
249	458622.27, 3756062.92	41.90648	0.012680731	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	0.0E+00	2.1E-07	2.3E-07	2.1E-07	4.6E-08	6.9E-07
250	458622.27, 3756092.92	43.53036	0.01317211	4.6E-06	1.4E-05	8.0E-06	7.2E-06	3.3E-06	0.0E+00	2.1E-07	2.4E-07	2.2E-07	4.7E-08	7.2E-07
251	458652.27, 3755792.92	10.6002	0.003207577	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	0.0E+00	5.2E-08	5.8E-08	5.3E-08	1.2E-08	1.7E-07
252	458652.27, 3755822.92	12.60982	0.00381568	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	6.2E-08	6.9E-08	6.3E-08	1.4E-08	2.1E-07
253	458652.27, 3755852.92	15.10211	0.004569837	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	7.4E-08	8.3E-08	7.5E-08	1.6E-08	2.5E-07
254	458652.27, 3755882.92	18.1783	0.00550068	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.9E-08	1.0E-07	9.1E-08	2.0E-08	3.0E-07
255	458652.27, 3755912.92	21.91033	0.006629977	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
256	458652.27, 3755942.92	26.33033	0.007967451	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.9E-08	4.3E-07
257	458652.27, 3755972.92	31.45479	0.009518092	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.2E-07
258	458652.27, 3756002.92	37.19535	0.011255162	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.9E-07	4.0E-08	6.1E-07
259	458652.27, 3756032.92	43.15192	0.013057596	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	0.0E+00	2.1E-07	2.4E-07	2.1E-07	4.7E-08	7.1E-07
260	458652.27, 3756062.92	48.50274	0.014676732	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	0.0E+00	2.4E-07	2.7E-07	2.4E-07	5.3E-08	8.0E-07
261	458652.27, 3756092.92	52.00117	0.015735343	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	0.0E+00	2.5E-07	2.9E-07	2.6E-07	5.6E-08	8.6E-07
262	458652.27, 3756122.92	52.46593	0.015875977	5.5E-06	1.7E-05	9.6E-06	8.7E-06	4.0E-06	0.0E+00	2.6E-07	2.9E-07	2.6E-07	5.7E-08	8.6E-07
263	458682.27, 3755792.92	9.91019	0.002998783	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
264	458682.27, 3755822.92	11.84185	0.003583296	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	0.0E+00	5.8E-08	6.5E-08	5.9E-08	1.3E-08	1.9E-07
265	458682.27, 3755852.92	14.30141	0.004327549	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	7.0E-08	7.9E-08	7.1E-08	1.6E-08	2.4E-07
266	458682.27, 3755882.92	17.43138	0.005274665	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.5E-08	9.6E-08	8.7E-08	1.9E-08	2.9E-07
267	458682.27, 3755912.92	21.42011	0.006481638	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	0.0E+00	1.0E-07	1.2E-07	1.1E-07	2.3E-08	3.5E-07
268	458682.27, 3755942.92	26.37671	0.007981485	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.9E-08	4.3E-07
269	458682.27, 3755972.92	32.44431	0.009817517	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.5E-08	5.3E-07
270	458682.27, 3756002.92	39.68105	0.012007325	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
271	458682.27, 3756032.92	47.81072	0.01446733	5.0E-06	1.5E-05	8.8E-06	7.9E-06	3.6E-06	0.0E+00	2.3E-07	2.6E-07	2.4E-07	5.2E-08	7.9E-07
272	458682.27, 3756062.92	55.98795	0.016941726	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	0.0E+00	2.7E-07	3.1E-07	2.8E-07	6.1E-08	9.2E-07
273	458682.27, 3756092.92	62.51378	0.018916416	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	3.1E-07	3.4E-07	3.1E-07	6.8E-08	1.0E-06
274	458682.27, 3756122.92	65.21842	0.019734829	6.8E-06	2.1E-05	1.2E-05	1.1E-05	4.9E-06	0.0E+00	3.2E-07	3.6E-07	3.2E-07	7.1E-08	1.1E-06
275	458712.27, 3755792.92	9.20653	0.002785859	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	4.5E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
276	458712.27, 3755822.92	10.99111	0.003325865	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	5.4E-08	6.0E-08	5.5E-08	1.2E-08	1.8E-07
277	458712.27, 3755852.92	13.3074	0.004026765	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.6E-08	1.4E-08	2.2E-07
278	458712.27, 3755882.92	16.35493	0.004948935	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	8.0E-08	9.0E-08	8.1E-08	1.8E-08	2.7E-07
279	458712.27, 3755912.92	20.39301	0.006170842	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.4E-07
280	458712.27, 3755942.92	25.67187	0.007768204	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
281	458712.27, 3755972.92	32.51453	0.009838765	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.5E-08	5.3E-07
282	458712.27, 3756002.92	41.26548	0.012486767	4.3E-06	1.3E-05	7.6E-06	6.8E-06	3.1E-06	0.0E+00	2.0E-07	2.3E-07	2.1E-07	4.5E-08	6.8E-07
283	458712.27, 3756032.92	51.91584	0.015709522	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	0.0E+00	2.5E-07	2.9E-07	2.6E-07	5.6E-08	8.5E-07
284	458712.27, 3756062.92	63.88322	0.019330803	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	0.0E+00	3.1E-07	3.5E-07	3.2E-07	6.9E-08	1.1E-06
285	458712.27, 3756092.92	75.25959	0.022773246	7.9E-06	2.4E-05	1.4E-05	1.2E-05	5.7E-06	0.0E+00	3.7E-07	4.1E-07	3.7E-07	8.2E-08	1.2E-06
286	458712.27, 3756122.92	82.47533	0.0249567	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	0.0E+00	4.0E-07	4.5E-07	4.1E-07	9.0E-08	1.4E-06
287	458712.27, 3756152.92	82.38775	0.024930199	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	0.0E+00	4.0E-07	4.5E-07	4.1E-07	8.9E-08	1.4E-06
288	458742.27, 3755792.92	8.53107	0.002581467	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	4.2E-08	4.7E-08	4.2E-08	9.3E-09	1.4E-07
289	458742.27, 3755822.92	10.1418	0.003068868	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.0E-08	1.1E-08	1.7E-07
290	458742.27, 3755852.92	12.25467	0.003708213	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	0.0E+00	6.0E-08	6.7E-08	6.1E-08	1.3E-08	2.0E-07
291	458742.27, 3755882.92	15.07794	0.004562523	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	7.4E-08	8.3E-08	7.5E-08	1.6E-08	2.5E-07
292	458742.27, 3755912.92	18.93188	0.00572871	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	0.0E+00	9.3E-08	1.0E-07	9.4E-08	2.1E-08	3.1E-07
293	458742.27, 3755942.92	24.21427	0.00732714	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
294	458742.27, 3755972.92	31.42938	0.009510403	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.2E-07
295	458742.27, 3756002.92	41.32455	0.012504641	4.3E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	0.0E+00	2.0E-07	2.3E-07	2.1E-07	4.5E-08	6.8E-07
296	458742.27, 3756032.92	54.56547	0.01651129	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.1E-06	0.0E+00	2.7E-07	3.0E-07	2.7E-07	5.9E-08	9.0E-07
297	458742.27, 3756062.92	71.27057	0.021566185	7.5E-06	2.3E-05	1.3E-05	1.2E-05	5.4E-06	0.0E+00	3.5E-07	3.9E-07	3.5E-07	7.7E-08	1.2E-06
298	458742.27, 3756092.92	90.07882	0.027257485	9.4E-06	2.8E-05	1.6E-05	1.5E-05	6.8E-06	0.0E+00	4.4E-07	4.9E-07	4.5E-07	9.8E-08	1.5E-06
299	458742.27, 3756122.92	105.90639	0.032046844	1.1E-05	3.3E-05	1.9E-05	1.8E-05	8.0E-06	0.0E+00	5.2E-07	5.8E-07	5.3E-07	1.2E-07	1.7E-06
300	458742.27, 3756152.92	111.07125	0.033609709	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.4E-06	0.0E+00	5.4E-07	6.1E-07	5.5E-07	1.2E-07	1.8E-06
301	458742.27, 3756182.92	105.21332	0.031837124	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	0.0E+00	5.1E-07	5.8E-07	5.2E-07	1.1E-07	1.7E-06
302	458772.27, 3755792.92	7.90654	0.002392487	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	0.0E+00	3.9E-08	4.3E-08	3.9E-08	8.6E-09	1.3E-07
303	458772.27, 3755822.92	9.34549	0.002827907	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.6E-08	5.1E-08	4.7E-08	1.0E-08	1.5E-07
304	458772.27, 3755852.92	11.22797	0.003397538	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
305	458772.27, 3755882.92	13.75001	0.004160697	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.6E-08	6.8E-08	1.5E-08	2.3E-07
306	458772.27, 3755912.92	17.23885	0.005216406	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.4E-08	9.5E-08	8.6E-08	1.9E-08	2.8E-07
307	458772.27, 3755942.92	22.17326	0.006709538	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07

308	458772.27, 3755972.92	29.25223	0.008851606	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	0.0E+00	1.4E-07	1.6E-07	1.5E-07	3.2E-08	4.8E-07
309	458772.27, 3756002.92	39.54873	0.011967285	4.1E-06	1.3E-05	7.2E-06	6.6E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
310	458772.27, 3756032.92	54.6782	0.016545401	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.1E-06	0.0E+00	2.7E-07	3.0E-07	2.7E-07	5.9E-08	9.0E-07
311	458772.27, 3756062.92	76.29949	0.023087916	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	0.0E+00	3.7E-07	4.2E-07	3.8E-07	8.3E-08	1.3E-06
312	458772.27, 3756092.92	105.0867	0.031798809	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	0.0E+00	5.1E-07	5.8E-07	5.2E-07	1.1E-07	1.7E-06
313	458772.27, 3756122.92	136.66121	0.041353127	1.4E-05	4.3E-05	2.5E-05	2.3E-05	1.0E-05	0.0E+00	6.7E-07	7.5E-07	6.8E-07	1.5E-07	2.2E-06
314	458772.27, 3756152.92	156.49062	0.047353426	1.6E-05	4.9E-05	2.9E-05	2.6E-05	1.2E-05	0.0E+00	7.7E-07	8.6E-07	7.8E-07	1.7E-07	2.6E-06
315	458772.27, 3756182.92	152.69344	0.046204415	1.6E-05	4.8E-05	2.8E-05	2.5E-05	1.2E-05	0.0E+00	7.5E-07	8.4E-07	7.6E-07	1.7E-07	2.5E-06
316	458802.27, 3755792.92	7.32737	0.002217232	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	3.6E-08	4.0E-08	3.6E-08	8.0E-09	1.2E-07
317	458802.27, 3755822.92	8.60674	0.002604365	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	4.2E-08	4.7E-08	4.3E-08	9.3E-09	1.4E-07
318	458802.27, 3755852.92	10.26864	0.003107249	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	5.0E-08	5.6E-08	5.1E-08	1.1E-08	1.7E-07
319	458802.27, 3755882.92	12.47968	0.003776301	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	6.1E-08	6.9E-08	6.2E-08	1.4E-08	2.1E-07
320	458802.27, 3755912.92	15.5255	0.004697953	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	7.6E-08	8.5E-08	7.7E-08	1.7E-08	2.6E-07
321	458802.27, 3755942.92	19.881	0.00601591	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.7E-08	1.1E-07	9.9E-08	2.2E-08	3.3E-07
322	458802.27, 3755972.92	26.30638	0.007960204	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.9E-08	4.3E-07
323	458802.27, 3756002.92	36.07519	0.010916206	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	3.9E-08	5.9E-07
324	458802.27, 3756032.92	51.50189	0.015584263	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	0.0E+00	2.5E-07	2.8E-07	2.6E-07	5.6E-08	8.5E-07
325	458802.27, 3756062.92	76.44871	0.023133069	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	0.0E+00	3.7E-07	4.2E-07	3.8E-07	8.3E-08	1.3E-06
326	458802.27, 3756092.92	115.96117	0.035089379	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	0.0E+00	5.7E-07	6.4E-07	5.8E-07	1.3E-07	1.9E-06
327	458802.27, 3756122.92	172.88698	0.052314898	1.8E-05	5.5E-05	3.2E-05	2.9E-05	1.3E-05	0.0E+00	8.5E-07	9.5E-07	8.6E-07	1.9E-07	2.8E-06
328	458802.27, 3756152.92	230.96082	0.069887807	2.4E-05	7.3E-05	4.2E-05	3.8E-05	1.7E-05	0.0E+00	1.1E-06	1.3E-06	1.1E-06	2.5E-07	3.8E-06
329	458802.27, 3756182.92	244.47928	0.073978438	2.6E-05	7.7E-05	4.5E-05	4.1E-05	1.9E-05	0.0E+00	1.2E-06	1.3E-06	1.2E-06	2.7E-07	4.0E-06
330	458802.27, 3756212.92	214.20837	0.064818583	2.2E-05	6.8E-05	3.9E-05	3.6E-05	1.6E-05	0.0E+00	1.0E-06	1.2E-06	1.1E-06	2.3E-07	3.5E-06
331	458832.27, 3755792.92	6.76753	0.002047827	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.3E-09	1.1E-07
332	458832.27, 3755822.92	7.89907	0.002390227	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	0.0E+00	3.9E-08	4.3E-08	3.9E-08	8.6E-09	1.3E-07
333	458832.27, 3755852.92	9.35922	0.002832062	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.6E-08	5.1E-08	4.7E-08	1.0E-08	1.5E-07
334	458832.27, 3755882.92	11.28513	0.003414835	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.9E-07
335	458832.27, 3755912.92	13.90114	0.004206429	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	0.0E+00	6.8E-08	7.6E-08	6.9E-08	1.5E-08	2.3E-07
336	458832.27, 3755942.92	17.60866	0.005328309	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.6E-08	9.7E-08	8.8E-08	1.9E-08	2.9E-07
337	458832.27, 3755972.92	23.0841	0.006985155	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	1.1E-07	1.3E-07	1.1E-07	2.5E-08	3.8E-07
338	458832.27, 3756002.92	31.56502	0.009551447	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.2E-07
339	458832.27, 3756032.92	45.49455	0.013766466	4.8E-06	1.4E-05	8.3E-06	7.6E-06	3.4E-06	0.0E+00	2.2E-07	2.5E-07	2.3E-07	4.9E-08	7.5E-07
340	458832.27, 3756062.92	70.09782	0.021211316	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.3E-06	0.0E+00	3.4E-07	3.9E-07	3.5E-07	7.6E-08	1.2E-06
341	458832.27, 3756092.92	115.99323	0.035099081	1.2E-05	3.7E-05	2.1E-05	1.9E-05	8.8E-06	0.0E+00	5.7E-07	6.4E-07	5.8E-07	1.3E-07	1.9E-06
342	458832.27, 3756122.92	203.03216	0.061436707	2.1E-05	6.4E-05	3.7E-05	3.4E-05	1.5E-05	0.0E+00	9.9E-07	1.1E-06	1.0E-06	2.2E-07	3.3E-06
343	458832.27, 3756152.92	346.86505	0.104959956	3.6E-05	1.1E-04	6.4E-05	5.8E-05	2.6E-05	0.0E+00	1.7E-06	1.9E-06	1.7E-06	3.8E-07	5.7E-06
344	458832.27, 3756182.92	454.74987	0.137605465	4.8E-05	1.4E-04	8.3E-05	7.5E-05	3.4E-05	0.0E+00	2.2E-06	2.5E-06	2.3E-06	4.9E-07	7.5E-06
345	458862.27, 3755792.92	6.20633	0.00187801	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
346	458862.27, 3755822.92	7.19863	0.002178276	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	3.5E-08	4.0E-08	3.6E-08	7.8E-09	1.2E-07
347	458862.27, 3755852.92	8.46738	0.002562195	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	0.0E+00	4.1E-08	4.7E-08	4.2E-08	9.2E-09	1.4E-07
348	458862.27, 3755882.92	10.12733	0.003064489	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.0E-08	1.1E-08	1.7E-07
349	458862.27, 3755912.92	12.35223	0.003737735	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	0.0E+00	6.0E-08	6.8E-08	6.2E-08	1.3E-08	2.0E-07
350	458862.27, 3755942.92	15.44061	0.004672266	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	7.6E-08	8.5E-08	7.7E-08	1.7E-08	2.5E-07
351	458862.27, 3755972.92	19.94147	0.006034208	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	9.8E-08	1.1E-07	9.9E-08	2.2E-08	3.3E-07
352	458862.27, 3756002.92	26.84554	0.008123351	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	0.0E+00	1.3E-07	1.5E-07	1.3E-07	2.9E-08	4.4E-07
353	458862.27, 3756032.92	38.18262	0.011553906	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	0.0E+00	1.9E-07	2.1E-07	1.9E-07	4.1E-08	6.3E-07
354	458862.27, 3756062.92	58.75078	0.017777748	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.4E-06	0.0E+00	2.9E-07	3.2E-07	2.9E-07	6.4E-08	9.7E-07
355	458862.27, 3756092.92	100.87947	0.030525718	1.1E-05	3.2E-05	1.8E-05	1.7E-05	7.6E-06	0.0E+00	4.9E-07	5.5E-07	5.0E-07	1.1E-07	1.7E-06
356	458862.27, 3756122.92	199.87787	0.060482232	2.1E-05	6.3E-05	3.7E-05	3.3E-05	1.5E-05	0.0E+00	9.8E-07	1.1E-06	1.0E-06	2.2E-07	3.3E-06
357	458862.27, 3756152.92	465.1428	0.140750323	4.9E-05	1.5E-04	8.5E-05	7.7E-05	3.5E-05	0.0E+00	2.3E-06	2.6E-06	2.3E-06	5.1E-07	7.7E-06
358	458892.27, 3755792.92	5.6546	0.001711059	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.1E-09	9.3E-08
359	458892.27, 3755822.92	6.51704	0.00197203	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	3.2E-08	3.6E-08	3.2E-08	7.1E-09	1.1E-07
360	458892.27, 3755852.92	7.60589	0.002301511	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07
361	458892.27, 3755882.92	9.01552	0.00272806	9.4E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	0.0E+00	4.4E-08	5.0E-08	4.5E-08	9.8E-09	1.5E-07
362	458892.27, 3755912.92	10.88205	0.003292864	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	5.3E-08	6.0E-08	5.4E-08	1.2E-08	1.8E-07
363	458892.27, 3755942.92	13.42591	0.004062626	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	0.0E+00	6.6E-08	7.4E-08	6.7E-08	1.5E-08	2.2E-07
364	458892.27, 3755972.92	17.04185	0.005156795	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.3E-08	9.4E-08	8.5E-08	1.9E-08	2.8E-07
365	458892.27, 3756002.92	22.44619	0.006792126	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.7E-07
366	458892.27, 3756032.92	31.07437	0.009402978	3.3E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.5E-07	3.4E-08	5.1E-07
367	458892.27, 3756062.92	46.20171	0.01398045	4.8E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	0.0E+00	2.3E-07	2.5E-07	2.3E-07	5.0E-08	7.6E-07
368	458892.27, 3756092.92	76.46362	0.023137581	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	0.0E+00	3.7E-07	4.2E-07	3.8E-07	8.3E-08	1.3E-06
369	458922.27, 3755792.92	5.16075	0.001561622	5.4E-07	1.6E-06	9.4E-07	8.6E-07	3.9E-07	0.0E+00	2.5E-08	2.8E-08	2.6E-08	5.6E-09	8.5E-08
370	458922.27, 3755822.92	5.91407	0.001789574	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	0.0E+00	2.9E-08	3.2E-08	2.9E-08	6.4E-09	9.7E-08
371	458922.27, 3755852.92	6.85641	0.002074722	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	0.0E+00	3.4E-08	3.8E-08	3.4E-08	7.4E-09	1.1E-07
372	458922.27, 3755882.92	8.05986	0.002438881	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.9E-08	4.4E-08	4.0E-08	8.8E-09	1.3E-07
373	458922.27, 3755912.92	9.63659	0.002915993	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.7E-08	5.3E-08	4.8E-08	1.0E-08	1.6E-07
374	458922.27, 3755942.92	11.75601	0.003557321	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	0.0E+00	5.8E-08	6.5E-08	5.9E-08	1.3E-08	1.9E-07
375	458922.27, 3755972.92	14.70194	0.004448747	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.2E-08	8.1E-08	7.3E-08	1.6E-08	2.4E-07
376	458922.27, 3756002.92	18.99751	0.005748569	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	0.0E+00	9.3E-08	1.0E-07	9.5E-08	2.1E-08	3.1E-07
377	458922.27, 3756032.92	25.62312	0.007753452	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
378	458922.27, 3756062.92	36.6867	0.011101246	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.0E-07
379	458952.27, 3755792.92	4.78323	0.001447386	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
380	458952.27, 3755822.92	5.46529	0.001653775	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	0.0E+00	2.7E-08	3.0E-08	2.7E-08	5.9E-09	9.0E-08
381	458952.27, 3755852.92	6.3141	0.001910621	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	0.0E+00	3.1E-08	3.5E-08	3.1E-08	6.9E-09	1.0E-07
382	458952.27, 3755882.92	7.3924	0.00223691	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	0.0E+00	3.6E-08	4.1E-08	3.7E-08	8.0E-09	1.2E-07
383	458952.27, 3755912.92	8.7972	0.002661997	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	0.0E+00	4.3E-08	4.8E-08	4.4E-08	9.6E-09	1.4E-07
384	458952.27, 3755942.92	10.67382	0.003229855	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	5.2E-08	5.9E-08	5.3E-08	1.2E-08	1.8E-07
385	458952.27, 3755972.92	13.26387	0.004013593	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.6E-08	1.4E-08	2.2E-07
386	458952.27, 3756002.92	16.99055	0.005141271	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.3E-08	9.3E-08	8.5E-08	1.8E-08	2.8E-07

387	458982.27, 3755792.92	4.55096	0.001377102	4.8E-07	1.4E-06	8.3E-07	7.6E-07	3.4E-07	0.0E+00	2.2E-08	2.5E-08	2.3E-08	4.9E-09	7.5E-08
388	458982.27, 3755822.92	5.20031	0.001573593	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	0.0E+00	2.5E-08	2.9E-08	2.6E-08	5.6E-09	8.6E-08
389	458982.27, 3755852.92	6.0104	0.001818723	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.9E-08
390	458982.27, 3755882.92	7.03831	0.002129764	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.4E-08	3.9E-08	3.5E-08	7.6E-09	1.2E-07
391	458982.27, 3755912.92	8.37489	0.002534208	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
392	458982.27, 3755942.92	10.15498	0.003072856	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.1E-08	1.1E-08	1.7E-07
393	458982.27, 3755972.92	12.59652	0.003811656	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	6.2E-08	6.9E-08	6.3E-08	1.4E-08	2.1E-07
394	459012.27, 3755792.92	4.44594	0.001345323	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.3E-08
395	459012.27, 3755822.92	5.08741	0.00153943	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.4E-08
396	459012.27, 3755852.92	5.88632	0.001781177	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	0.0E+00	2.9E-08	3.2E-08	2.9E-08	6.4E-09	9.7E-08
397	459012.27, 3755882.92	6.89637	0.002086814	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	0.0E+00	3.4E-08	3.8E-08	3.4E-08	7.5E-09	1.1E-07
398	459012.27, 3755912.92	8.19792	0.002480657	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.9E-09	1.3E-07
399	459042.27, 3755792.92	4.41644	0.001336397	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.3E-08
400	459042.27, 3755822.92	5.05183	0.001528663	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.3E-08
401	459042.27, 3755852.92	5.83632	0.001766047	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	0.0E+00	2.9E-08	3.2E-08	2.9E-08	6.3E-09	9.6E-08
402	459042.27, 3755882.92	6.81803	0.002063108	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.4E-09	1.1E-07
403	459072.27, 3755792.92	4.40456	0.001332802	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
404	459072.27, 3755822.92	5.02329	0.001520027	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.3E-08
405	459102.27, 3755792.92	4.37414	0.001323597	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
406	458632.68, 3756291.16	31.29966	0.00947115	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.1E-07
407	458632.68, 3756321.16	27.59173	0.008349145	2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	0.0E+00	1.4E-07	1.5E-07	1.4E-07	3.0E-08	4.5E-07
408	458632.68, 3756351.16	24.38932	0.007380109	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
409	458632.68, 3756381.16	21.49875	0.006505434	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.3E-08	3.5E-07
410	458662.68, 3756291.16	36.63447	0.011085442	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.0E-07
411	458662.68, 3756321.16	31.78968	0.009619428	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	0.0E+00	1.6E-07	1.7E-07	1.6E-07	3.5E-08	5.2E-07
412	458662.68, 3756351.16	27.60925	0.008354447	2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	0.0E+00	1.4E-07	1.5E-07	1.4E-07	3.0E-08	4.5E-07
413	458662.68, 3756381.16	23.81153	0.007205272	2.5E-06	7.5E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	3.9E-07
414	458662.68, 3756411.16	20.35976	0.006160781	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.3E-07
415	458662.68, 3756441.16	17.35323	0.005251017	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.5E-08	9.5E-08	8.6E-08	1.9E-08	2.9E-07
416	458662.68, 3756471.16	14.82301	0.004485383	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	0.0E+00	7.3E-08	8.1E-08	7.4E-08	1.6E-08	2.4E-07
417	458662.68, 3756501.16	12.72488	0.003850497	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	0.0E+00	6.2E-08	7.0E-08	6.3E-08	1.4E-08	2.1E-07
418	458662.68, 3756531.16	10.98714	0.003324664	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	5.4E-08	6.0E-08	5.5E-08	1.2E-08	1.8E-07
419	458692.68, 3756291.16	43.45005	0.013147809	4.6E-06	1.4E-05	8.0E-06	7.2E-06	3.3E-06	0.0E+00	2.1E-07	2.4E-07	2.2E-07	4.7E-08	7.1E-07
420	458692.68, 3756321.16	36.92334	0.011172853	3.9E-06	1.2E-05	6.8E-06	6.1E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.1E-07
421	458692.68, 3756351.16	31.26321	0.00946012	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	0.0E+00	1.5E-07	1.7E-07	1.6E-07	3.4E-08	5.1E-07
422	458692.68, 3756381.16	26.21461	0.007932435	2.7E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.3E-07
423	458692.68, 3756411.16	21.86618	0.006616617	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
424	458692.68, 3756441.16	18.28005	0.005531469	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.9E-08	1.0E-07	9.1E-08	2.0E-08	3.0E-07
425	458692.68, 3756471.16	15.37406	0.004652128	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	7.5E-08	8.4E-08	7.7E-08	1.7E-08	2.5E-07
426	458692.68, 3756501.16	13.02792	0.003942196	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	0.0E+00	6.4E-08	7.2E-08	6.5E-08	1.4E-08	2.1E-07
427	458692.68, 3756531.16	11.13355	0.003368967	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	0.0E+00	5.4E-08	6.1E-08	5.5E-08	1.2E-08	1.8E-07
428	458722.68, 3756291.16	52.35459	0.015842286	5.5E-06	1.7E-05	9.6E-06	8.7E-06	4.0E-06	0.0E+00	2.6E-07	2.9E-07	2.6E-07	5.7E-08	8.6E-07
429	458722.68, 3756321.16	43.15898	0.013059732	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	0.0E+00	2.1E-07	2.4E-07	2.1E-07	4.7E-08	7.1E-07
430	458722.68, 3756351.16	35.25104	0.010666822	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	0.0E+00	1.7E-07	1.9E-07	1.8E-07	3.8E-08	5.8E-07
431	458722.68, 3756381.16	28.5764	0.008647103	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	0.0E+00	1.4E-07	1.6E-07	1.4E-07	3.1E-08	4.7E-07
432	458722.68, 3756411.16	23.21394	0.007024444	2.4E-06	7.3E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.1E-07	1.3E-07	1.2E-07	2.5E-08	3.8E-07
433	458722.68, 3756441.16	19.011	0.005752651	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	0.0E+00	9.3E-08	1.0E-07	9.5E-08	2.1E-08	3.1E-07
434	458722.68, 3756471.16	15.73631	0.004761744	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.7E-08	8.6E-08	7.8E-08	1.7E-08	2.6E-07
435	458722.68, 3756501.16	13.18343	0.003989252	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.2E-08	6.6E-08	1.4E-08	2.2E-07
436	458722.68, 3756531.16	11.18784	0.003385395	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.1E-08	5.6E-08	1.2E-08	1.8E-07
437	458752.68, 3756291.16	64.06206	0.019384919	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	0.0E+00	3.1E-07	3.5E-07	3.2E-07	7.0E-08	1.1E-06
438	458752.68, 3756321.16	50.39619	0.015249683	5.3E-06	1.6E-05	9.2E-06	8.4E-06	3.8E-06	0.0E+00	2.5E-07	2.8E-07	2.5E-07	5.5E-08	8.3E-07
439	458752.68, 3756351.16	39.26042	0.011880044	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
440	458752.68, 3756381.16	30.65177	0.009275101	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	0.0E+00	1.5E-07	1.7E-07	1.5E-07	3.3E-08	5.0E-07
441	458752.68, 3756411.16	24.21755	0.007328132	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
442	458752.68, 3756441.16	19.44477	0.005883908	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	0.0E+00	9.5E-08	1.1E-07	9.7E-08	2.1E-08	3.2E-07
443	458752.68, 3756471.16	15.89437	0.004809572	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.8E-08	8.7E-08	7.9E-08	1.7E-08	2.6E-07
444	458752.68, 3756501.16	13.23392	0.00400453	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.6E-08	1.4E-08	2.2E-07
445	458752.68, 3756531.16	11.21089	0.00339237	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
446	458782.68, 3756291.16	79.08676	0.023931333	8.3E-06	2.5E-05	1.4E-05	1.3E-05	6.0E-06	0.0E+00	3.9E-07	4.3E-07	3.9E-07	8.6E-08	1.3E-06
447	458782.68, 3756321.16	58.04501	0.017564184	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	0.0E+00	2.8E-07	3.2E-07	2.9E-07	6.3E-08	9.5E-07
448	458782.68, 3756351.16	42.73183	0.012930478	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	0.0E+00	2.1E-07	2.3E-07	2.1E-07	4.6E-08	7.0E-07
449	458782.68, 3756381.16	32.08536	0.0097089	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.5E-08	5.3E-07
450	458782.68, 3756411.16	24.73582	0.007484959	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
451	458782.68, 3756441.16	19.60483	0.005932342	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.6E-08	1.1E-07	9.8E-08	2.1E-08	3.2E-07
452	458782.68, 3756471.16	15.95108	0.004826732	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.8E-08	8.8E-08	7.9E-08	1.7E-08	2.6E-07
453	458782.68, 3756501.16	13.27871	0.004018084	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.6E-08	1.4E-08	2.2E-07
454	458782.68, 3756531.16	11.26621	0.003409109	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.9E-07
455	458812.68, 3756291.16	96.5071	0.029202657	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	0.0E+00	4.7E-07	5.3E-07	4.8E-07	1.0E-07	1.6E-06
456	458812.68, 3756321.16	64.57889	0.01954131	6.8E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	0.0E+00	3.2E-07	3.5E-07	3.2E-07	7.0E-08	1.1E-06
457	458812.68, 3756351.16	44.88407	0.013581737	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	0.0E+00	2.2E-07	2.5E-07	2.2E-07	4.9E-08	7.4E-07
458	458812.68, 3756381.16	32.70011	0.009894921	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
459	458812.68, 3756411.16	24.90328	0.007535631	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
460	458812.68, 3756441.16	19.68682	0.005957152	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.6E-08	1.1E-07	9.8E-08	2.1E-08	3.2E-07
461	458812.68, 3756471.16	16.03101	0.004850919	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	7.8E-08	8.8E-08	8.0E-08	1.7E-08	2.6E-07
462	458812.68, 3756501.16	13.35912	0.004042415	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.7E-08	1.5E-08	2.2E-07
463	458812.68, 3756531.16	11.33556	0.003430094	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.9E-07
464	458842.68, 3756291.16	111.47251	0.033731129	1.2E-05	3.5E-05	2.0E-05	1.9E-05	8.4E-06	0.0E+00	5.5E-07	6.1E-07	5.6E-07	1.2E-07	1.8E-06
465	458842.68, 3756321.16	68.04	0.020588628	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	0.0E+00	3.3E-07	3.7E-07	3.4E-07	7.4E-08	1.1E-06

466	458842.68, 3756351.16	45.60122	0.013798744	4.8E-06	1.4E-05	8.3E-06	7.6E-06	3.5E-06	0.0E+00	2.2E-07	2.5E-07	2.3E-07	5.0E-08	7.5E-07
467	458842.68, 3756381.16	32.88187	0.00994992	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
468	458842.68, 3756411.16	25.00498	0.007566405	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
469	458842.68, 3756441.16	19.7712	0.005982685	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.7E-08	1.1E-07	9.8E-08	2.1E-08	3.3E-07
470	458842.68, 3756471.16	16.08048	0.004865888	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	7.9E-08	8.8E-08	8.0E-08	1.7E-08	2.6E-07
471	458842.68, 3756501.16	13.37342	0.004046743	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.3E-08	6.7E-08	1.5E-08	2.2E-07
472	458842.68, 3756531.16	11.31958	0.003425259	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.9E-07
473	458872.68, 3756291.16	117.4738	0.035547095	1.2E-05	3.7E-05	2.2E-05	1.9E-05	8.9E-06	0.0E+00	5.7E-07	6.5E-07	5.8E-07	1.3E-07	1.9E-06
474	458872.68, 3756321.16	68.6628	0.020777085	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	0.0E+00	3.4E-07	3.8E-07	3.4E-07	7.5E-08	1.1E-06
475	458872.68, 3756351.16	45.62174	0.013804953	4.8E-06	1.4E-05	8.4E-06	7.6E-06	3.5E-06	0.0E+00	2.2E-07	2.5E-07	2.3E-07	5.0E-08	7.5E-07
476	458872.68, 3756381.16	32.80988	0.009928136	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
477	458872.68, 3756411.16	24.88954	0.007531474	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
478	458872.68, 3756441.16	19.62289	0.005937807	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	9.6E-08	1.1E-07	9.8E-08	2.1E-08	3.2E-07
479	458872.68, 3756471.16	15.90711	0.004813427	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.8E-08	8.7E-08	7.9E-08	1.7E-08	2.6E-07
480	458872.68, 3756501.16	13.19799	0.003993658	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.2E-08	6.6E-08	1.4E-08	2.2E-07
481	458872.68, 3756531.16	11.1507	0.003374157	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.4E-07	0.0E+00	5.5E-08	6.1E-08	5.6E-08	1.2E-08	1.8E-07
482	458902.68, 3756291.16	113.74071	0.034417477	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.6E-06	0.0E+00	5.6E-07	6.2E-07	5.7E-07	1.2E-07	1.9E-06
483	458902.68, 3756321.16	66.41636	0.020097321	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	0.0E+00	3.2E-07	3.6E-07	3.3E-07	7.2E-08	1.1E-06
484	458902.68, 3756351.16	44.16959	0.013365539	4.6E-06	1.4E-05	8.1E-06	7.3E-06	3.3E-06	0.0E+00	2.2E-07	2.4E-07	2.2E-07	4.8E-08	7.3E-07
485	458902.68, 3756381.16	31.78951	0.009619377	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	0.0E+00	1.6E-07	1.7E-07	1.6E-07	3.5E-08	5.2E-07
486	458902.68, 3756411.16	24.12953	0.007301498	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
487	458902.68, 3756441.16	19.02881	0.005758041	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	0.0E+00	9.3E-08	1.0E-07	9.5E-08	2.1E-08	3.1E-07
488	458902.68, 3756471.16	15.44298	0.004672983	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	7.6E-08	8.5E-08	7.7E-08	1.7E-08	2.5E-07
489	458902.68, 3756501.16	12.82332	0.003880285	1.3E-06	4.1E-06	2.3E-06	2.1E-06	9.7E-07	0.0E+00	6.3E-08	7.0E-08	6.4E-08	1.4E-08	2.1E-07
490	458902.68, 3756531.16	10.8432	0.003281108	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	5.3E-08	6.0E-08	5.4E-08	1.2E-08	1.8E-07
491	458932.68, 3756291.16	100.14776	0.030304306	1.0E-05	3.2E-05	1.8E-05	1.7E-05	7.6E-06	0.0E+00	4.9E-07	5.5E-07	5.0E-07	1.1E-07	1.6E-06
492	458932.68, 3756321.16	59.62591	0.018042558	6.2E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	0.0E+00	2.9E-07	3.3E-07	3.0E-07	6.5E-08	9.8E-07
493	458932.68, 3756351.16	40.37338	0.012216821	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	0.0E+00	2.0E-07	2.2E-07	2.0E-07	4.4E-08	6.6E-07
494	458932.68, 3756381.16	29.48681	0.008922589	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	0.0E+00	1.4E-07	1.6E-07	1.5E-07	3.2E-08	4.9E-07
495	458932.68, 3756411.16	22.64014	0.006850814	2.4E-06	7.2E-06	4.1E-06	3.8E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.5E-08	3.7E-07
496	458932.68, 3756441.16	18.01369	0.005450869	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.8E-08	9.9E-08	9.0E-08	2.0E-08	3.0E-07
497	458932.68, 3756471.16	14.72493	0.004455704	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.2E-08	8.1E-08	7.3E-08	1.6E-08	2.4E-07
498	458932.68, 3756501.16	12.29011	0.003718937	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	0.0E+00	6.0E-08	6.8E-08	6.1E-08	1.3E-08	2.0E-07
499	458932.68, 3756531.16	10.43647	0.003158033	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	5.1E-08	5.7E-08	5.2E-08	1.1E-08	1.7E-07
500	458962.68, 3756291.16	90.58507	0.027410674	9.5E-06	2.9E-05	1.7E-05	1.5E-05	6.9E-06	0.0E+00	4.4E-07	5.0E-07	4.5E-07	9.8E-08	1.5E-06
501	458962.68, 3756321.16	53.8149	0.01628417	5.6E-06	1.7E-05	9.9E-06	8.9E-06	4.1E-06	0.0E+00	2.6E-07	3.0E-07	2.7E-07	5.8E-08	8.9E-07
502	458962.68, 3756351.16	36.41283	0.011018375	3.8E-06	1.2E-05	6.7E-06	6.0E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.0E-07
503	458962.68, 3756381.16	26.75697	0.008096551	2.8E-06	8.5E-06	4.9E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.5E-07	1.3E-07	2.9E-08	4.4E-07
504	458962.68, 3756411.16	20.75114	0.006279211	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.3E-08	3.4E-07
505	458962.68, 3756441.16	16.69893	0.005053028	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.2E-08	9.2E-08	8.3E-08	1.8E-08	2.7E-07
506	458962.68, 3756471.16	13.79062	0.004172986	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.6E-08	6.9E-08	1.5E-08	2.3E-07
507	458962.68, 3756501.16	11.61152	0.003513599	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
508	458962.68, 3756531.16	9.93178	0.003005316	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	0.0E+00	4.9E-08	5.5E-08	4.9E-08	1.1E-08	1.6E-07
509	458992.68, 3756291.16	82.95828	0.025102839	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	0.0E+00	4.1E-07	4.6E-07	4.1E-07	9.0E-08	1.4E-06
510	458992.68, 3756321.16	50.9548	0.015418716	5.3E-06	1.6E-05	9.3E-06	8.5E-06	3.9E-06	0.0E+00	2.5E-07	2.8E-07	2.5E-07	5.5E-08	8.4E-07
511	458992.68, 3756351.16	34.49964	0.010439451	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.7E-08	5.7E-07
512	458992.68, 3756381.16	25.06615	0.007584915	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
513	458992.68, 3756411.16	19.26112	0.005828337	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	9.4E-08	1.1E-07	9.6E-08	2.1E-08	3.2E-07
514	458992.68, 3756441.16	15.4603	0.004678224	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	7.6E-08	8.5E-08	7.7E-08	1.7E-08	2.5E-07
515	458992.68, 3756471.16	12.81174	0.003876781	1.3E-06	4.1E-06	2.3E-06	2.1E-06	9.7E-07	0.0E+00	6.3E-08	7.0E-08	6.4E-08	1.4E-08	2.1E-07
516	458992.68, 3756501.16	10.85322	0.00328414	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	5.3E-08	6.0E-08	5.4E-08	1.2E-08	1.8E-07
517	458992.68, 3756531.16	9.34304	0.002827166	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.6E-08	5.1E-08	4.7E-08	1.0E-08	1.5E-07
518	459022.68, 3756291.16	74.29089	0.022480122	7.8E-06	2.3E-05	1.4E-05	1.2E-05	5.6E-06	0.0E+00	3.6E-07	4.1E-07	3.7E-07	8.1E-08	1.2E-06
519	459022.68, 3756321.16	47.24279	0.014295476	4.9E-06	1.5E-05	8.6E-06	7.8E-06	3.6E-06	0.0E+00	2.3E-07	2.6E-07	2.4E-07	5.1E-08	7.8E-07
520	459022.68, 3756351.16	33.11861	0.010021557	3.5E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
521	459022.68, 3756381.16	24.34705	0.007367318	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
522	459022.68, 3756411.16	18.59914	0.005628024	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.3E-08	2.0E-08	3.1E-07
523	459022.68, 3756441.16	14.75269	0.004464104	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.2E-08	8.1E-08	7.3E-08	1.6E-08	2.4E-07
524	459022.68, 3756471.16	12.10977	0.003664367	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.9E-08	6.7E-08	6.0E-08	1.3E-08	2.0E-07
525	459022.68, 3756501.16	10.2108	0.003089747	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.1E-08	1.1E-08	1.7E-07
526	459022.68, 3756531.16	8.78372	0.002657918	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	0.0E+00	4.3E-08	4.8E-08	4.4E-08	9.5E-09	1.4E-07
527	459052.68, 3756291.16	67.42276	0.020401853	7.1E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	0.0E+00	3.3E-07	3.7E-07	3.4E-07	7.3E-08	1.1E-06
528	459052.68, 3756321.16	42.88711	0.012977465	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.2E-06	0.0E+00	2.1E-07	2.4E-07	2.1E-07	4.7E-08	7.1E-07
529	459052.68, 3756351.16	30.93455	0.009360669	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	0.0E+00	1.5E-07	1.7E-07	1.5E-07	3.4E-08	5.1E-07
530	459052.68, 3756381.16	23.42755	0.007089082	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.1E-07	1.3E-07	1.2E-07	2.5E-08	3.9E-07
531	459052.68, 3756411.16	18.21025	0.005510348	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.9E-08	1.0E-07	9.1E-08	2.0E-08	3.0E-07
532	459052.68, 3756441.16	14.48252	0.004382352	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	7.1E-08	8.0E-08	7.2E-08	1.6E-08	2.4E-07
533	459052.68, 3756471.16	11.79857	0.003570199	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	0.0E+00	5.8E-08	6.5E-08	5.9E-08	1.3E-08	1.9E-07
534	459052.68, 3756501.16	9.84908	0.002980292	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
535	459052.68, 3756531.16	8.40059	0.002541984	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
536	459082.68, 3756291.16	62.06128	0.018779491	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	3.0E-07	3.4E-07	3.1E-07	6.7E-08	1.0E-06
537	459082.68, 3756321.16	39.03922	0.011813109	4.1E-06	1.2E-05	7.1E-06	6.5E-06	3.0E-06	0.0E+00	1.9E-07	2.1E-07	1.9E-07	4.2E-08	6.4E-07
538	459082.68, 3756351.16	28.33012	0.008572579	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.1E-06	0.0E+00	1.4E-07	1.6E-07	1.4E-07	3.1E-08	4.7E-07
539	459082.68, 3756381.16	21.97411	0.006649276	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
540	459082.68, 3756411.16	17.52487	0.005302955	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.6E-08	9.6E-08	8.7E-08	1.9E-08	2.9E-07
541	459082.68, 3756441.16	14.19375	0.004294971	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.9E-08	7.8E-08	7.1E-08	1.5E-08	2.3E-07
542	459082.68, 3756471.16	11.65234	0.003525951	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
543	459082.68, 3756501.16	9.71523	0.002939789	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.8E-08	5.3E-08	4.8E-08	1.1E-08	1.6E-07
544	459082.68, 3756531.16	8.20485	0.002482754	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.9E-09	1.3E-07

545	459112.68, 3756291.16	55.9223	0.016921861	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	0.0E+00	2.7E-07	3.1E-07	2.8E-07	6.1E-08	9.2E-07
546	459112.68, 3756321.16	35.12249	0.010627923	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.8E-08	5.8E-07
547	459112.68, 3756351.16	25.47727	0.007709318	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
548	459112.68, 3756381.16	20.35746	0.006160085	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.3E-07
549	459112.68, 3756411.16	16.54291	0.005005817	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	0.0E+00	8.1E-08	9.1E-08	8.2E-08	1.8E-08	2.7E-07
550	459112.68, 3756441.16	13.65873	0.004133076	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.5E-08	6.8E-08	1.5E-08	2.2E-07
551	459112.68, 3756471.16	11.39811	0.003449022	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	5.6E-08	6.3E-08	5.7E-08	1.2E-08	1.9E-07
552	459112.68, 3756501.16	9.57883	0.002898515	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.7E-08	5.3E-08	4.8E-08	1.0E-08	1.6E-07
553	459112.68, 3756531.16	8.12609	0.002458922	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	0.0E+00	4.0E-08	4.5E-08	4.0E-08	8.8E-09	1.3E-07
554	459142.68, 3756291.16	51.87893	0.015698354	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	0.0E+00	2.5E-07	2.8E-07	2.6E-07	5.6E-08	8.5E-07
555	459142.68, 3756321.16	32.48608	0.009830156	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.5E-08	5.3E-07
556	459142.68, 3756351.16	23.31981	0.00705648	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.1E-07	1.3E-07	1.2E-07	2.5E-08	3.8E-07
557	459142.68, 3756381.16	18.56825	0.005618677	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.2E-08	2.0E-08	3.1E-07
558	459142.68, 3756411.16	15.35623	0.004646733	1.6E-06	4.9E-06	2.8E-06	2.5E-06	1.2E-06	0.0E+00	7.5E-08	8.4E-08	7.6E-08	1.7E-08	2.5E-07
559	459142.68, 3756441.16	12.94428	0.003916887	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	0.0E+00	6.3E-08	7.1E-08	6.4E-08	1.4E-08	2.1E-07
560	459142.68, 3756471.16	10.91683	0.003303388	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	5.3E-08	6.0E-08	5.4E-08	1.2E-08	1.8E-07
561	459142.68, 3756501.16	9.3381	0.002825671	9.8E-07	3.0E-06	1.7E-06	1.5E-06	7.1E-07	0.0E+00	4.6E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
562	459142.68, 3756531.16	8.00621	0.002422647	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.9E-08	4.4E-08	4.0E-08	8.7E-09	1.3E-07
563	459172.68, 3756291.16	48.18775	0.014581418	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	0.0E+00	2.4E-07	2.6E-07	2.4E-07	5.2E-08	7.9E-07
564	459172.68, 3756321.16	30.22281	0.0091453	3.2E-06	9.6E-06	5.5E-06	5.0E-06	2.3E-06	0.0E+00	1.5E-07	1.7E-07	1.5E-07	3.3E-08	5.0E-07
565	459172.68, 3756351.16	21.66777	0.006556579	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
566	459172.68, 3756381.16	17.14109	0.005186824	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	8.4E-08	9.4E-08	8.5E-08	1.9E-08	2.8E-07
567	459172.68, 3756411.16	14.27116	0.004318395	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	7.0E-08	7.8E-08	7.1E-08	1.5E-08	2.3E-07
568	459172.68, 3756441.16	12.10033	0.003661511	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.9E-08	6.6E-08	6.0E-08	1.3E-08	2.0E-07
569	459172.68, 3756471.16	10.36138	0.003135312	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	5.1E-08	5.7E-08	5.2E-08	1.1E-08	1.7E-07
570	459172.68, 3756501.16	8.96498	0.002712767	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	4.4E-08	4.9E-08	4.5E-08	9.7E-09	1.5E-07
571	459172.68, 3756531.16	7.78292	0.00235508	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.8E-08	4.3E-08	3.9E-08	8.5E-09	1.3E-07
572	459202.68, 3756291.16	45.17892	0.013670958	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	0.0E+00	2.2E-07	2.5E-07	2.2E-07	4.9E-08	7.4E-07
573	459202.68, 3756321.16	28.44273	0.008606655	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	0.0E+00	1.4E-07	1.6E-07	1.4E-07	3.1E-08	4.7E-07
574	459202.68, 3756351.16	20.39213	0.006170576	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.4E-07
575	459202.68, 3756381.16	16.09021	0.004868832	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	7.9E-08	8.8E-08	8.0E-08	1.7E-08	2.6E-07
576	459202.68, 3756411.16	13.39274	0.004052589	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	0.0E+00	6.6E-08	7.4E-08	6.7E-08	1.5E-08	2.2E-07
577	459202.68, 3756441.16	11.3934	0.003447597	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	5.6E-08	6.3E-08	5.7E-08	1.2E-08	1.9E-07
578	459202.68, 3756471.16	9.81401	0.00296968	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
579	459202.68, 3756501.16	8.54326	0.002585156	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	4.2E-08	4.7E-08	4.3E-08	9.3E-09	1.4E-07
580	459202.68, 3756531.16	7.49741	0.002268686	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	0.0E+00	3.7E-08	4.1E-08	3.7E-08	8.1E-09	1.2E-07
581	459232.68, 3756291.16	42.2923	0.012797478	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	0.0E+00	2.1E-07	2.3E-07	2.1E-07	4.6E-08	7.0E-07
582	459232.68, 3756321.16	27.37214	0.008282698	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.3E-07	1.5E-07	1.4E-07	3.0E-08	4.5E-07
583	459232.68, 3756351.16	19.40287	0.00587123	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	0.0E+00	9.5E-08	1.1E-07	9.7E-08	2.1E-08	3.2E-07
584	459232.68, 3756381.16	15.14984	0.00458428	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	7.4E-08	8.3E-08	7.5E-08	1.6E-08	2.5E-07
585	459232.68, 3756411.16	12.56353	0.003801673	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	6.1E-08	6.9E-08	6.3E-08	1.4E-08	2.1E-07
586	459232.68, 3756441.16	10.73913	0.003249617	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	5.3E-08	5.9E-08	5.3E-08	1.2E-08	1.8E-07
587	459232.68, 3756471.16	9.30408	0.002815377	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	4.6E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
588	459232.68, 3756501.16	8.13778	0.002462459	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.8E-09	1.3E-07
589	459232.68, 3756531.16	7.18284	0.002173498	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	3.5E-08	3.9E-08	3.6E-08	7.8E-09	1.2E-07
590	459262.68, 3756291.16	39.33383	0.011902257	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
591	459262.68, 3756321.16	26.46129	0.008007079	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.3E-07	1.5E-07	1.3E-07	2.9E-08	4.4E-07
592	459262.68, 3756351.16	18.52685	0.00560615	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	9.1E-08	1.0E-07	9.2E-08	2.0E-08	3.0E-07
593	459262.68, 3756381.16	14.23714	0.004308101	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	7.0E-08	7.8E-08	7.1E-08	1.5E-08	2.3E-07
594	459262.68, 3756411.16	11.77201	0.003562162	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	0.0E+00	5.8E-08	6.5E-08	5.9E-08	1.3E-08	1.9E-07
595	459262.68, 3756441.16	10.13225	0.003065978	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.0E-08	1.1E-08	1.7E-07
596	459262.68, 3756471.16	8.83475	0.002673359	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	0.0E+00	4.3E-08	4.9E-08	4.4E-08	9.6E-09	1.5E-07
597	459262.68, 3756501.16	7.75087	0.002345382	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.8E-08	4.3E-08	3.9E-08	8.4E-09	1.3E-07
598	459262.68, 3756531.16	6.86087	0.002076071	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	0.0E+00	3.4E-08	3.8E-08	3.4E-08	7.5E-09	1.1E-07
599	459292.68, 3756291.16	36.80041	0.011135655	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.1E-07
600	459292.68, 3756321.16	25.43731	0.007697227	2.7E-06	8.0E-06	4.7E-06	4.2E-06	1.9E-06	0.0E+00	1.2E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
601	459292.68, 3756351.16	17.9246	0.005423911	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	8.8E-08	9.8E-08	8.9E-08	1.9E-08	2.9E-07
602	459292.68, 3756381.16	13.6644	0.004134792	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	6.7E-08	7.5E-08	6.8E-08	1.5E-08	2.2E-07
603	459292.68, 3756411.16	11.23141	0.003398579	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
604	459292.68, 3756441.16	9.61781	0.00291031	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.7E-08	5.3E-08	4.8E-08	1.0E-08	1.6E-07
605	459292.68, 3756471.16	8.40193	0.00254239	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
606	459292.68, 3756501.16	7.39667	0.002238202	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	0.0E+00	3.6E-08	4.1E-08	3.7E-08	8.0E-09	1.2E-07
607	459292.68, 3756531.16	6.55242	0.001982736	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	3.2E-08	3.6E-08	3.3E-08	7.1E-09	1.1E-07
608	459322.68, 3756291.16	34.45953	0.010427314	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.7E-07	1.9E-07	1.7E-07	3.7E-08	5.7E-07
609	459322.68, 3756321.16	24.35107	0.007368535	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	4.0E-07
610	459322.68, 3756351.16	17.3182	0.005240417	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	8.5E-08	9.5E-08	8.6E-08	1.9E-08	2.8E-07
611	459322.68, 3756381.16	13.18871	0.00399085	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	6.5E-08	7.2E-08	6.6E-08	1.4E-08	2.2E-07
612	459322.68, 3756411.16	10.77413	0.003260208	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	5.3E-08	5.9E-08	5.4E-08	1.2E-08	1.8E-07
613	459322.68, 3756441.16	9.16875	0.002774427	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	0.0E+00	4.5E-08	5.0E-08	4.6E-08	1.0E-08	1.5E-07
614	459322.68, 3756471.16	8.01558	0.002425482	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.9E-08	4.4E-08	4.0E-08	8.7E-09	1.3E-07
615	459322.68, 3756501.16	7.07341	0.002140385	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	3.5E-08	3.9E-08	3.5E-08	7.7E-09	1.2E-07
616	459322.68, 3756531.16	6.26045	0.001894387	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	0.0E+00	3.1E-08	3.4E-08	3.1E-08	6.8E-09	1.0E-07
617	459352.68, 3756291.16	31.98198	0.009677617	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.5E-08	5.3E-07
618	459352.68, 3756321.16	23.09068	0.006987146	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	1.1E-07	1.3E-07	1.1E-07	2.5E-08	3.8E-07
619	459352.68, 3756351.16	16.50728	0.004995036	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	0.0E+00	8.1E-08	9.1E-08	8.2E-08	1.8E-08	2.7E-07
620	459352.68, 3756381.16	12.50616	0.003784313	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	6.1E-08	6.9E-08	6.2E-08	1.4E-08	2.1E-07
621	459352.68, 3756411.16	10.22211	0.003093169	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	5.0E-08	5.6E-08	5.1E-08	1.1E-08	1.7E-07
622	459352.68, 3756441.16	8.7474	0.002646928	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	0.0E+00	4.3E-08	4.8E-08	4.4E-08	9.5E-09	1.4E-07
623	459352.68, 3756471.16	7.67176	0.002321443	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.8E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07

624	459352.68, 3756501.16	6.77375	0.002049709	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.4E-09	1.1E-07
625	459352.68, 3756531.16	5.99075	0.001812777	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.9E-08
626	459382.68, 3756291.16	29.65739	0.008974206	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.2E-06	0.0E+00	1.5E-07	1.6E-07	1.5E-07	3.2E-08	4.9E-07
627	459382.68, 3756321.16	21.84002	0.006608701	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
628	459382.68, 3756351.16	15.86651	0.004801142	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	7.8E-08	8.7E-08	7.9E-08	1.7E-08	2.6E-07
629	459382.68, 3756381.16	12.03543	0.003641872	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	0.0E+00	5.9E-08	6.6E-08	6.0E-08	1.3E-08	2.0E-07
630	459382.68, 3756411.16	9.77867	0.002958986	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
631	459382.68, 3756441.16	8.37458	0.002534114	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
632	459382.68, 3756471.16	7.35114	0.002224425	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	0.0E+00	3.6E-08	4.0E-08	3.7E-08	8.0E-09	1.2E-07
633	459382.68, 3756501.16	6.48953	0.001963705	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	3.2E-08	3.6E-08	3.2E-08	7.0E-09	1.1E-07
634	459382.68, 3756531.16	5.74376	0.001738038	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.3E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.2E-09	9.4E-08
635	458633.73, 3756194.08	41.22388	0.012474179	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	0.0E+00	2.0E-07	2.3E-07	2.1E-07	4.5E-08	6.8E-07
636	458633.73, 3756224.08	39.31486	0.011896517	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
637	458663.73, 3756164.08	53.58364	0.016214192	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	0.0E+00	2.6E-07	2.9E-07	2.7E-07	5.8E-08	8.8E-07
638	458663.73, 3756194.08	50.6922	0.015339254	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	0.0E+00	2.5E-07	2.8E-07	2.5E-07	5.5E-08	8.3E-07
639	458663.73, 3756224.08	47.87541	0.014486905	5.0E-06	1.5E-05	8.8E-06	7.9E-06	3.6E-06	0.0E+00	2.3E-07	2.6E-07	2.4E-07	5.2E-08	7.9E-07
640	458693.73, 3756164.08	68.3302	0.020676441	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	0.0E+00	3.3E-07	3.8E-07	3.4E-07	7.4E-08	1.1E-06
641	458693.73, 3756194.08	64.14409	0.019409741	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	0.0E+00	3.1E-07	3.5E-07	3.2E-07	7.0E-08	1.1E-06
642	458693.73, 3756224.08	59.8166	0.01810026	6.3E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	0.0E+00	2.9E-07	3.3E-07	3.0E-07	6.5E-08	9.8E-07
643	458723.73, 3756194.08	84.23374	0.025488788	8.8E-06	2.7E-05	1.5E-05	1.4E-05	6.4E-06	0.0E+00	4.1E-07	4.6E-07	4.2E-07	9.1E-08	1.4E-06
644	458723.73, 3756224.08	77.24732	0.023374725	8.1E-06	2.4E-05	1.4E-05	1.3E-05	5.9E-06	0.0E+00	3.8E-07	4.2E-07	3.8E-07	8.4E-08	1.3E-06
645	458753.73, 3756224.08	104.31559	0.031565474	1.1E-05	3.3E-05	1.9E-05	1.7E-05	7.9E-06	0.0E+00	5.1E-07	5.7E-07	5.2E-07	1.1E-07	1.7E-06
646	458783.73, 3756224.08	150.09105	0.045416942	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	0.0E+00	7.3E-07	8.2E-07	7.5E-07	1.6E-07	2.5E-06

Operational Risk (Combined Scenario) - Fueling (Ethylbenzene)

	Fueling
Emissions Rate (g/s):	2.50E-04

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	Fueling	Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 458909.21, 3756133.18	159.41792	0.039916001	1.4E-05	4.2E-05	2.4E-05	2.2E-05	1.0E-05	0.0E+00	5.6E-08	6.3E-08	5.7E-08	1.2E-08	1.9E-07
2 458909.21, 3756163.18	508.44478	0.127307408	4.4E-05	1.3E-04	7.7E-05	7.0E-05	3.2E-05	0.0E+00	1.8E-07	2.0E-07	1.8E-07	4.0E-08	6.0E-07
3 458939.21, 3756103.18	61.12912	0.01530587	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
4 458939.21, 3756133.18	116.5563	0.029184055	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
5 458939.21, 3756163.18	379.09076	0.094918984	3.3E-05	9.9E-05	5.7E-05	5.2E-05	2.4E-05	0.0E+00	1.3E-07	1.5E-07	1.4E-07	3.0E-08	4.5E-07
6 458969.21, 3756043.18	24.23088	0.006067071	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
7 458969.21, 3756073.18	34.59823	0.008662909	3.0E-06	9.1E-06	5.2E-06	4.8E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
8 458969.21, 3756103.18	54.95216	0.013759246	4.8E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	0.0E+00	1.9E-08	2.2E-08	2.0E-08	4.3E-09	6.5E-08
9 458969.21, 3756133.18	115.61976	0.028949559	1.0E-05	3.0E-05	1.8E-05	1.6E-05	7.2E-06	0.0E+00	4.1E-08	4.6E-08	4.1E-08	9.0E-09	1.4E-07
10 458969.21, 3756163.18	408.6261	0.102314217	3.5E-05	1.1E-04	6.2E-05	5.6E-05	2.6E-05	0.0E+00	1.4E-07	1.6E-07	1.5E-07	3.2E-08	4.8E-07
11 458969.21, 3756193.18	223	0.055836057	1.9E-05	5.8E-05	3.4E-05	3.1E-05	1.4E-05	0.0E+00	7.9E-08	8.8E-08	8.0E-08	1.7E-08	2.6E-07
12 458969.21, 3756223.18	1047.39002	0.262251701	9.1E-05	2.7E-04	1.6E-04	1.4E-04	6.6E-05	0.0E+00	3.7E-07	4.1E-07	3.8E-07	8.2E-08	1.2E-06
13 458999.21, 3756013.18	17.16561	0.004298027	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.0E-09	6.8E-09	6.2E-09	1.3E-09	2.0E-08
14 458999.21, 3756043.18	22.86453	0.005724956	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	0.0E+00	8.1E-09	9.0E-09	8.2E-09	1.8E-09	2.7E-08
15 458999.21, 3756073.18	32.70999	0.008190121	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.0E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
16 458999.21, 3756103.18	55.40882	0.013873588	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.3E-09	6.6E-08
17 458999.21, 3756133.18	128.82269	0.032255386	1.1E-05	3.4E-05	2.0E-05	1.8E-05	8.1E-06	0.0E+00	4.5E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
18 458999.21, 3756163.18	358.22411	0.089694269	3.1E-05	9.4E-05	5.4E-05	4.9E-05	2.2E-05	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
19 458999.21, 3756193.18	735.00283	0.184034351	6.4E-05	1.9E-04	1.1E-04	1.0E-04	4.6E-05	0.0E+00	2.6E-07	2.9E-07	2.6E-07	5.7E-08	8.7E-07
20 458999.21, 3756223.18	613.73191	0.153669821	5.3E-05	1.6E-04	9.3E-05	8.4E-05	3.8E-05	0.0E+00	2.2E-07	2.4E-07	2.2E-07	4.8E-08	7.3E-07
21 459029.21, 3755953.18	10.46709	0.002620812	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	0.0E+00	3.7E-09	4.1E-09	3.8E-09	8.2E-10	1.2E-08
22 459029.21, 3755983.18	12.92219	0.003235534	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	4.6E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
23 459029.21, 3756013.18	16.39912	0.004106109	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	1.9E-08
24 459029.21, 3756043.18	21.91228	0.005486526	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
25 459029.21, 3756073.18	32.73476	0.008196323	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
26 459029.21, 3756103.18	59.95768	0.015012558	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.8E-06	0.0E+00	2.1E-08	2.4E-08	2.1E-08	4.7E-09	7.1E-08
27 459029.21, 3756133.18	133.39143	0.033399334	1.2E-05	3.5E-05	2.0E-05	1.8E-05	8.4E-06	0.0E+00	4.7E-08	5.3E-08	4.8E-08	1.0E-08	1.6E-07
28 459029.21, 3756163.18	286.9038	0.071836668	2.5E-05	7.5E-05	4.3E-05	3.9E-05	1.8E-05	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.4E-07
29 459029.21, 3756193.18	458.89717	0.114901384	4.0E-05	1.2E-04	7.0E-05	6.3E-05	2.9E-05	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
30 459029.21, 3756223.18	403.037	0.100914785	3.5E-05	1.1E-04	6.1E-05	5.5E-05	2.5E-05	0.0E+00	1.4E-07	1.6E-07	1.4E-07	3.2E-08	4.8E-07
31 459059.21, 3755923.18	8.44231	0.002113835	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.6E-10	1.0E-08
32 459059.21, 3755953.18	10.12614	0.002535443	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
33 459059.21, 3755983.18	12.40899	0.003107036	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	4.4E-09	4.9E-09	4.4E-09	9.7E-10	1.5E-08
34 459059.21, 3756013.18	15.82573	0.00396254	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
35 459059.21, 3756043.18	21.87972	0.005478374	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.7E-09	7.8E-09	1.7E-09	2.6E-08
36 459059.21, 3756073.18	34.74304	0.008699168	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
37 459059.21, 3756103.18	64.69586	0.016198932	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.1E-09	7.7E-08
38 459059.21, 3756133.18	127.90145	0.032024721	1.1E-05	3.3E-05	1.9E-05	1.8E-05	8.0E-06	0.0E+00	4.5E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
39 459059.21, 3756163.18	227.75812	0.057027424	2.0E-05	6.0E-05	3.5E-05	3.1E-05	1.4E-05	0.0E+00	8.0E-08	9.0E-08	8.2E-08	1.8E-08	2.7E-07
40 459059.21, 3756193.18	317.08044	0.079392474	2.7E-05	8.3E-05	4.8E-05	4.4E-05	2.0E-05	0.0E+00	1.1E-07	1.3E-07	1.1E-07	2.5E-08	3.8E-07
41 459059.21, 3756223.18	286.28741	0.071682333	2.5E-05	7.5E-05	4.3E-05	3.9E-05	1.8E-05	0.0E+00	1.0E-07	1.1E-07	1.0E-07	2.2E-08	3.4E-07
42 459089.21, 3755863.18	6.00891	0.001504546	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	0.0E+00	2.1E-09	2.4E-09	2.2E-09	4.7E-10	7.1E-09
43 459089.21, 3755893.18	6.96889	0.001744912	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	0.0E+00	2.5E-09	2.8E-09	2.5E-09	5.4E-10	8.3E-09
44 459089.21, 3755923.18	8.17586	0.00204712	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	2.9E-09	3.2E-09	2.9E-09	6.4E-10	9.7E-09
45 459089.21, 3755953.18	9.76066	0.002443932	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.4E-09	3.9E-09	3.5E-09	7.6E-10	1.2E-08
46 459089.21, 3755983.18	12.02687	0.003011359	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	0.0E+00	4.2E-09	4.8E-09	4.3E-09	9.4E-10	1.4E-08
47 459089.21, 3756013.18	15.73899	0.003940821	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
48 459089.21, 3756043.18	22.76984	0.005701247	2.0E-06	6.0E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	8.0E-09	9.0E-09	8.2E-09	1.8E-09	2.7E-08
49 459089.21, 3756073.18	37.37879	0.009359122	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
50 459089.21, 3756103.18	67.0093	0.016778184	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	0.0E+00	2.4E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
51 459089.21, 3756133.18	117.57929	0.029440197	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.4E-06	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.2E-09	1.4E-07
52 459089.21, 3756163.18	183.25646	0.045884835	1.6E-05	4.8E-05	2.8E-05	2.5E-05	1.1E-05	0.0E+00	6.5E-08	7.2E-08	6.6E-08	1.4E-08	2.2E-07
53 459089.21, 3756193.18	233.98143	0.058585653	2.0E-05	6.1E-05	3.5E-05	3.2E-05	1.5E-05	0.0E+00	8.2E-08	9.3E-08	8.4E-08	1.8E-08	2.8E-07
54 459089.21, 3756223.18	215.17452	0.053876668	1.9E-05	5.6E-05	3.3E-05	3.0E-05	1.3E-05	0.0E+00	7.6E-08	8.5E-08	7.7E-08	1.7E-08	2.5E-07
55 459119.21, 3755833.18	5.13173	0.001284913	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	0.0E+00	1.8E-09	2.0E-09	1.8E-09	4.0E-10	6.1E-09
56 459119.21, 3755863.18	5.86065	0.001467424	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	0.0E+00	2.1E-09	2.3E-09	2.1E-09	4.6E-10	6.9E-09
57 459119.21, 3755893.18	6.75791	0.001692085	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.0E-09
58 459119.21, 3755923.18	7.90725	0.001979864	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	2.8E-09	3.1E-09	2.8E-09	6.2E-10	9.4E-09
59 459119.21, 3755953.18	9.49176	0.002376603	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.3E-09	3.8E-09	3.4E-09	7.4E-10	1.1E-08
60 459119.21, 3755983.18	11.93073	0.002987287	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	0.0E+00	4.2E-09	4.7E-09	4.3E-09	9.3E-10	1.4E-08
61 459119.21, 3756013.18	16.15385	0.004044696	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
62 459119.21, 3756043.18	24.1531	0.006047596	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
63 459119.21, 3756073.18	39.49478	0.009888936	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
64 459119.21, 3756103.18	66.33357	0.016608991	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
65 459119.21, 3756133.18	105.38787	0.026387638	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.2E-09	1.2E-07
66 459119.21, 3756163.18	149.93456	0.037541501	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	0.0E+00	5.3E-08	5.9E-08	5.4E-08	1.2E-08	1.8E-07
67 459119.21, 3756193.18	180.85414	0.045283328	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	0.0E+00	6.4E-08	7.2E-08	6.5E-08	1.4E-08	2.1E-07
68 459119.21, 3756223.18	168.44218	0.042175548	1.5E-05	4.4E-05	2.6E-05	2.3E-05	1.1E-05	0.0E+00	5.9E-08	6.7E-08	6.0E-08	1.3E-08	2.0E-07
69 459149.21, 3755773.18	3.95961	0.000991431	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	0.0E+00	1.4E-09	1.6E-09	1.4E-09	3.1E-10	4.7E-09
70 459149.21, 3755803.18	4.43816	0.001111253	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	1.6E-09	1.8E-09	1.6E-09	3.5E-10	5.3E-09

71	459149.21, 3755833.18	5.00574	0.001253367	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	0.0E+00	1.8E-09	2.0E-09	1.8E-09	3.9E-10	5.9E-09
72	459149.21, 3755863.18	5.69305	0.001425459	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	0.0E+00	2.0E-09	2.3E-09	2.0E-09	4.5E-10	6.7E-09
73	459149.21, 3755893.18	6.55479	0.001641227	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	0.0E+00	2.3E-09	2.6E-09	2.3E-09	5.1E-10	7.8E-09
74	459149.21, 3755923.18	7.70661	0.001929627	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	0.0E+00	2.7E-09	3.0E-09	2.8E-09	6.0E-10	9.1E-09
75	459149.21, 3755953.18	9.39512	0.002352406	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.3E-09	3.7E-09	3.4E-09	7.3E-10	1.1E-08
76	459149.21, 3755983.18	12.13794	0.003039169	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.5E-10	1.4E-08
77	459149.21, 3756013.18	16.94687	0.004243257	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	0.0E+00	6.0E-09	6.7E-09	6.1E-09	1.3E-09	2.0E-08
78	459149.21, 3756043.18	25.60163	0.006410287	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
79	459149.21, 3756073.18	40.57451	0.010159286	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
80	459149.21, 3756103.18	63.64873	0.015936745	5.5E-06	1.7E-05	9.6E-06	8.7E-06	4.0E-06	0.0E+00	2.2E-08	2.5E-08	2.3E-08	5.0E-09	7.5E-08
81	459149.21, 3756133.18	93.52099	0.023416338	8.1E-06	2.4E-05	1.4E-05	1.3E-05	5.9E-06	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.3E-09	1.1E-07
82	459149.21, 3756163.18	124.77017	0.031240692	1.1E-05	3.3E-05	1.9E-05	1.7E-05	7.8E-06	0.0E+00	4.4E-08	4.9E-08	4.5E-08	9.8E-09	1.5E-07
83	459149.21, 3756193.18	144.77641	0.036249973	1.3E-05	3.8E-05	2.2E-05	2.0E-05	9.1E-06	0.0E+00	5.1E-08	5.7E-08	5.2E-08	1.1E-08	1.7E-07
84	459149.21, 3756223.18	136.05101	0.034065256	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.5E-06	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
85	459179.21, 3755773.18	3.88061	0.00097165	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	0.0E+00	1.4E-09	1.5E-09	1.4E-09	3.0E-10	4.6E-09
86	459179.21, 3755803.18	4.33225	0.001084734	3.8E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	0.0E+00	1.5E-09	1.7E-09	1.6E-09	3.4E-10	5.1E-09
87	459179.21, 3755833.18	4.87214	0.001219915	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	0.0E+00	1.7E-09	1.9E-09	1.7E-09	3.8E-10	5.8E-09
88	459179.21, 3755863.18	5.53866	0.001386802	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	0.0E+00	2.0E-09	2.2E-09	2.0E-09	4.3E-10	6.6E-09
89	459179.21, 3755893.18	6.40683	0.00160418	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	0.0E+00	2.3E-09	2.5E-09	2.3E-09	5.0E-10	7.6E-09
90	459179.21, 3755923.18	7.62667	0.001909611	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	0.0E+00	2.7E-09	3.0E-09	2.7E-09	6.0E-10	9.0E-09
91	459179.21, 3755953.18	9.49643	0.002377772	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	0.0E+00	3.3E-09	3.8E-09	3.4E-09	7.4E-10	1.1E-08
92	459179.21, 3755983.18	12.58098	0.0031501	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.8E-10	1.5E-08
93	459179.21, 3756013.18	17.8419	0.00446736	1.5E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	0.0E+00	6.3E-09	7.1E-09	6.4E-09	1.4E-09	2.1E-08
94	459179.21, 3756043.18	26.67307	0.006678561	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	0.0E+00	9.4E-09	1.1E-08	9.6E-09	2.1E-09	3.2E-08
95	459179.21, 3756073.18	40.53193	0.010148624	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
96	459179.21, 3756103.18	59.89953	0.014997998	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.8E-06	0.0E+00	2.1E-08	2.4E-08	2.1E-08	4.7E-09	7.1E-08
97	459179.21, 3756133.18	82.86173	0.020747409	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.8E-08
98	459179.21, 3756163.18	105.28934	0.026362967	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.2E-09	1.2E-07
99	459179.21, 3756193.18	118.98126	0.029791231	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	0.0E+00	4.2E-08	4.7E-08	4.3E-08	9.3E-09	1.4E-07
100	459179.21, 3756223.18	112.57211	0.02818647	9.8E-06	2.9E-05	1.7E-05	1.5E-05	7.1E-06	0.0E+00	4.0E-08	4.5E-08	4.0E-08	8.8E-09	1.3E-07
101	459209.21, 3755803.18	4.22481	0.001057833	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	0.0E+00	1.5E-09	1.7E-09	1.5E-09	3.3E-10	5.0E-09
102	459209.21, 3755833.18	4.75201	0.001189836	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	0.0E+00	1.7E-09	1.9E-09	1.7E-09	3.7E-10	5.6E-09
103	459209.21, 3755863.18	5.42253	0.001357725	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	0.0E+00	1.9E-09	2.1E-09	1.9E-09	4.2E-10	6.4E-09
104	459209.21, 3755893.18	6.32953	0.001584825	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	0.0E+00	2.2E-09	2.5E-09	2.3E-09	4.9E-10	7.5E-09
105	459209.21, 3755923.18	7.65926	0.001917771	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	0.0E+00	2.7E-09	3.0E-09	2.7E-09	6.0E-10	9.1E-09
106	459209.21, 3755953.18	9.74156	0.002439149	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.4E-09	3.9E-09	3.5E-09	7.6E-10	1.2E-08
107	459209.21, 3755983.18	13.1219	0.003285539	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
108	459209.21, 3756013.18	18.63098	0.004664935	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
109	459209.21, 3756043.18	27.27319	0.006828822	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	9.6E-09	1.1E-08	9.8E-09	2.1E-09	3.2E-08
110	459209.21, 3756073.18	39.69826	0.009939885	3.4E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
111	459209.21, 3756103.18	55.66975	0.013938921	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.6E-08
112	459209.21, 3756133.18	73.50312	0.018404145	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	0.0E+00	2.6E-08	2.9E-08	2.6E-08	5.7E-09	8.7E-08
113	459209.21, 3756163.18	89.91272	0.022512878	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	0.0E+00	3.2E-08	3.6E-08	3.2E-08	7.0E-09	1.1E-07
114	459209.21, 3756193.18	99.43469	0.024897045	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	0.0E+00	3.5E-08	3.9E-08	3.6E-08	7.8E-09	1.2E-07
115	459209.21, 3756223.18	94.82813	0.023743627	8.2E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.4E-09	1.1E-07
116	459239.21, 3755803.18	4.12832	0.001033673	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	0.0E+00	1.5E-09	1.6E-09	1.5E-09	3.2E-10	4.9E-09
117	459239.21, 3755833.18	4.6577	0.001166222	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	0.0E+00	1.6E-09	1.8E-09	1.7E-09	3.6E-10	5.5E-09
118	459239.21, 3755863.18	5.35765	0.00134148	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	0.0E+00	1.9E-09	2.1E-09	1.9E-09	4.2E-10	6.3E-09
119	459239.21, 3755893.18	6.33769	0.001586868	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	0.0E+00	2.2E-09	2.5E-09	2.3E-09	5.0E-10	7.5E-09
120	459239.21, 3755923.18	7.79804	0.001952519	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	2.7E-09	3.1E-09	2.8E-09	6.1E-10	9.2E-09
121	459239.21, 3755953.18	10.07767	0.002523307	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	3.5E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
122	459239.21, 3755983.18	13.67183	0.003423234	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
123	459239.21, 3756013.18	19.23103	0.004815179	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.8E-09	7.6E-09	6.9E-09	1.5E-09	2.3E-08
124	459239.21, 3756043.18	27.39572	0.006859502	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	9.7E-09	1.1E-08	9.8E-09	2.1E-09	3.2E-08
125	459239.21, 3756073.18	38.33036	0.009597382	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
126	459239.21, 3756103.18	51.43257	0.012877991	4.5E-06	1.3E-05	7.8E-06	7.1E-06	3.2E-06	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.1E-08
127	459239.21, 3756133.18	65.37458	0.016368874	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.1E-09	7.7E-08
128	459239.21, 3756163.18	77.74492	0.019466232	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	0.0E+00	2.7E-08	3.1E-08	2.8E-08	6.1E-09	9.2E-08
129	459239.21, 3756193.18	85.67989	0.021453037	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
130	459239.21, 3756223.18	81.17341	0.020324678	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	0.0E+00	2.9E-08	3.2E-08	2.9E-08	6.3E-09	9.6E-08
131	459269.21, 3755833.18	4.60138	0.001152121	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	0.0E+00	1.6E-09	1.8E-09	1.6E-09	3.6E-10	5.4E-09
132	459269.21, 3755863.18	5.34944	0.001339424	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	0.0E+00	1.9E-09	2.1E-09	1.9E-09	4.2E-10	6.3E-09
133	459269.21, 3755893.18	6.42548	0.00160885	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	0.0E+00	2.3E-09	2.5E-09	2.3E-09	5.0E-10	7.6E-09
134	459269.21, 3755923.18	8.03188	0.00201107	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	2.8E-09	3.2E-09	2.9E-09	6.3E-10	9.5E-09
135	459269.21, 3755953.18	10.4801	0.002624069	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	0.0E+00	3.7E-09	4.1E-09	3.8E-09	8.2E-10	1.2E-08
136	459269.21, 3755983.18	14.19482	0.003554183	1.2E-06	3.7E-06	2.2E-06	1.9E-06	8.9E-07	0.0E+00	5.0E-09	5.6E-09	5.1E-09	1.1E-09	1.7E-08
137	459269.21, 3756013.18	19.63284	0.004915786	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	6.9E-09	7.8E-09	7.0E-09	1.5E-09	2.3E-08
138	459269.21, 3756043.18	27.12276	0.006791157	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	9.6E-09	1.1E-08	9.7E-09	2.1E-09	3.2E-08
139	459269.21, 3756073.18	36.59619	0.00916317	3.2E-06	9.6E-06	5.5E-06	5.0E-06	2.3E-06	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.9E-09	4.3E-08
140	459269.21, 3756103.18	47.40801	0.011870298	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.6E-08
141	459269.21, 3756133.18	59.21518	0.014826647	5.1E-06	1.5E-05	9.0E-06	8.1E-06	3.7E-06	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	7.0E-08
142	459269.21, 3756163.18	69.30561	0.017353148	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.4E-09	8.2E-08
143	459269.21, 3756193.18	74.59379	0.018677234	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	2.6E-08	2.9E-08	2.7E-08	5.8E-09	8.8E-08
144	459269.21, 3756223.18	71.10934	0.017804777	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.6E-09	8.4E-08
145	459299.21, 3755863.18	5.39711	0.00135136	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	0.0E+00	1.9E-09	2.1E-09	1.9E-09	4.2E-10	6.4E-09
146	459299.21, 3755893.18	6.57262	0.001645691	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	0.0E+00	2.3E-09	2.6E-09	2.4E-09	5.1E-10	7.8E-09
147	459299.21, 3755923.18	8.30959	0.002080604	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	0.0E+00	2.9E-09	3.3E-09	3.0E-09	6.5E-10	9.8E-09
148	459299.21, 3755953.18	10.87152	0.002722075	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
149	459299.21, 3755983.18	14.5995	0.003655509	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	0.0E+00	5.1E-09	5.8E-09	5.2E-09	1.1E-09	1.7E-08

150	459299.21, 3756013.18	19.80741	0.004959496	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.0E-09	7.8E-09	7.1E-09	1.5E-09	2.3E-08
151	459299.21, 3756043.18	26.57801	0.006654759	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	0.0E+00	9.4E-09	1.1E-08	9.5E-09	2.1E-09	3.1E-08
152	459299.21, 3756073.18	34.7176	0.008692798	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
153	459299.21, 3756103.18	44.17688	0.011061268	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.6E-08	1.7E-08	1.6E-08	3.5E-09	5.2E-08
154	459299.21, 3756133.18	53.67826	0.01344028	4.7E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.4E-08
155	459299.21, 3756163.18	61.67697	0.015443044	5.3E-06	1.6E-05	9.3E-06	8.5E-06	3.9E-06	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.3E-08
156	459299.21, 3756193.18	65.5984	0.016424915	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.1E-09	7.8E-08
157	459299.21, 3756223.18	62.64831	0.015686254	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.4E-08
158	459329.21, 3755863.18	5.4949	0.001375846	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	0.0E+00	1.9E-09	2.2E-09	2.0E-09	4.3E-10	6.5E-09
159	459329.21, 3755893.18	6.76195	0.001693097	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.0E-09
160	459329.21, 3755923.18	8.59339	0.002151664	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	3.0E-09	3.4E-09	3.1E-09	6.7E-10	1.0E-08
161	459329.21, 3755953.18	11.21857	0.002808972	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	4.0E-09	4.4E-09	4.0E-09	8.8E-10	1.3E-08
162	459329.21, 3755983.18	14.86715	0.003722525	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	0.0E+00	5.2E-09	5.9E-09	5.3E-09	1.2E-09	1.8E-08
163	459329.21, 3756013.18	19.44795	0.004869493	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	6.9E-09	7.7E-09	7.0E-09	1.5E-09	2.3E-08
164	459329.21, 3756043.18	25.62553	0.006416272	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
165	459329.21, 3756073.18	32.9111	0.008240476	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
166	459329.21, 3756103.18	40.94329	0.010251623	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
167	459329.21, 3756133.18	48.74851	0.01220594	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.8E-08
168	459329.21, 3756163.18	55.07891	0.013790983	4.8E-06	1.4E-05	8.3E-06	7.6E-06	3.5E-06	0.0E+00	1.9E-08	2.2E-08	2.0E-08	4.3E-09	6.5E-08
169	459329.21, 3756193.18	58.13359	0.014555832	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	0.0E+00	2.0E-08	2.3E-08	2.1E-08	4.5E-09	6.9E-08
170	459329.21, 3756223.18	55.68288	0.013942208	4.8E-06	1.5E-05	8.4E-06	7.6E-06	3.5E-06	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.6E-08
171	459359.21, 3755893.18	6.97069	0.001745363	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	0.0E+00	2.5E-09	2.8E-09	2.5E-09	5.4E-10	8.3E-09
172	459359.21, 3755923.18	8.87016	0.002220963	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	0.0E+00	3.1E-09	3.5E-09	3.2E-09	6.9E-10	1.1E-08
173	459359.21, 3755953.18	11.50585	0.002880903	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	0.0E+00	4.1E-09	4.5E-09	4.1E-09	9.0E-10	1.4E-08
174	459359.21, 3755983.18	14.70081	0.003680876	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.1E-09	1.7E-08
175	459359.21, 3756013.18	19.0295	0.004764719	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.3E-08
176	459359.21, 3756043.18	24.66544	0.006175879	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	8.7E-09	9.8E-09	8.8E-09	1.9E-09	2.9E-08
177	459359.21, 3756073.18	31.15699	0.007801271	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
178	459359.21, 3756103.18	37.96996	0.009507143	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	0.0E+00	1.3E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
179	459359.21, 3756133.18	44.40453	0.011118269	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.3E-08
180	459359.21, 3756163.18	49.43471	0.012377755	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	0.0E+00	1.7E-08	2.0E-08	1.8E-08	3.9E-09	5.9E-08
181	459359.21, 3756193.18	51.81269	0.012973167	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	0.0E+00	1.8E-08	2.0E-08	1.9E-08	4.1E-09	6.1E-08
182	459359.21, 3756223.18	49.85915	0.012484029	4.3E-06	1.3E-05	7.6E-06	6.8E-06	3.1E-06	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	5.9E-08
183	459389.21, 3755923.18	9.1248	0.002284721	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	0.0E+00	3.2E-09	3.6E-09	3.3E-09	7.1E-10	1.1E-08
184	459389.21, 3755953.18	11.7227	0.002935199	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.2E-10	1.4E-08
185	459389.21, 3755983.18	14.74108	0.003690959	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.2E-09	1.7E-08
186	459389.21, 3756013.18	18.68465	0.004678373	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
187	459389.21, 3756043.18	23.69082	0.005931847	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	8.3E-09	9.4E-09	8.5E-09	1.9E-09	2.8E-08
188	459389.21, 3756073.18	29.43975	0.007371299	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
189	459389.21, 3756103.18	35.24732	0.008825432	3.1E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
190	459389.21, 3756133.18	40.52473	0.010146821	3.5E-06	1.1E-05	6.1E-06	5.6E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
191	459389.21, 3756163.18	44.51041	0.011144779	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.3E-08
192	459389.21, 3756193.18	46.43093	0.011625651	4.0E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	0.0E+00	1.6E-08	1.8E-08	1.7E-08	3.6E-09	5.5E-08
193	459389.21, 3756223.18	44.91817	0.011246877	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.3E-08
194	458472.27, 3755792.92	12.06093	0.003019887	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.2E-09	4.8E-09	4.3E-09	9.4E-10	1.4E-08
195	458472.27, 3755822.92	13.3651	0.003346433	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
196	458472.27, 3755852.92	14.739	0.003690438	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.2E-09	1.7E-08
197	458472.27, 3755882.92	16.17101	0.004048993	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
198	458472.27, 3755912.92	17.59255	0.004404927	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	6.2E-09	7.0E-09	6.3E-09	1.4E-09	2.1E-08
199	458472.27, 3755942.92	18.93489	0.00474103	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.2E-08
200	458472.27, 3755972.92	20.10849	0.005034883	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	0.0E+00	7.1E-09	8.0E-09	7.2E-09	1.6E-09	2.4E-08
201	458472.27, 3756002.92	20.94749	0.005244956	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	7.4E-09	8.3E-09	7.5E-09	1.6E-09	2.5E-08
202	458502.27, 3755792.92	12.1957	0.003053631	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.5E-10	1.4E-08
203	458502.27, 3755822.92	13.68302	0.003426035	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
204	458502.27, 3755852.92	15.26649	0.003822514	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	0.0E+00	5.4E-09	6.0E-09	5.5E-09	1.2E-09	1.8E-08
205	458502.27, 3755882.92	16.95102	0.004244297	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	0.0E+00	6.0E-09	6.7E-09	6.1E-09	1.3E-09	2.0E-08
206	458502.27, 3755912.92	18.69183	0.004680171	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
207	458502.27, 3755942.92	20.38836	0.005104958	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
208	458502.27, 3755972.92	21.94434	0.005494553	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
209	458502.27, 3756002.92	23.20049	0.005809076	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	8.2E-09	9.2E-09	8.3E-09	1.8E-09	2.7E-08
210	458502.27, 3756032.92	23.92865	0.005991397	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	8.4E-09	9.5E-09	8.6E-09	1.9E-09	2.8E-08
211	458532.27, 3755792.92	12.19288	0.003052925	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.5E-10	1.4E-08
212	458532.27, 3755822.92	13.86144	0.003470709	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	0.0E+00	4.9E-09	5.5E-09	5.0E-09	1.1E-09	1.6E-08
213	458532.27, 3755852.92	15.68487	0.00392727	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
214	458532.27, 3755882.92	17.64235	0.004417396	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	6.2E-09	7.0E-09	6.3E-09	1.4E-09	2.1E-08
215	458532.27, 3755912.92	19.73484	0.004941326	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.0E-09	7.8E-09	7.1E-09	1.5E-09	2.3E-08
216	458532.27, 3755942.92	21.86743	0.005475296	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.6E-09	7.8E-09	1.7E-09	2.6E-08
217	458532.27, 3755972.92	23.90613	0.005985758	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	8.4E-09	9.5E-09	8.6E-09	1.9E-09	2.8E-08
218	458532.27, 3756002.92	25.69277	0.006433108	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.1E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
219	458532.27, 3756032.92	26.94566	0.006746814	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	9.5E-09	1.1E-08	9.7E-09	2.1E-09	3.2E-08
220	458562.27, 3755792.92	12.03708	0.003013915	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.5E-07	0.0E+00	4.2E-09	4.8E-09	4.3E-09	9.4E-10	1.4E-08
221	458562.27, 3755822.92	13.86063	0.003470506	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	0.0E+00	4.9E-09	5.5E-09	5.0E-09	1.1E-09	1.6E-08
222	458562.27, 3755852.92	15.92456	0.003987285	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
223	458562.27, 3755882.92	18.19549	0.004555894	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.2E-08
224	458562.27, 3755912.92	20.66578	0.00517442	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.3E-09	8.2E-09	7.4E-09	1.6E-09	2.4E-08
225	458562.27, 3755942.92	23.30571	0.005835421	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	8.2E-09	9.2E-09	8.4E-09	1.8E-09	2.8E-08
226	458562.27, 3755972.92	25.96035	0.006500106	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	0.0E+00	9.1E-09	1.0E-08	9.3E-09	2.0E-09	3.1E-08
227	458562.27, 3756002.92	28.41214	0.007113999	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
228	458562.27, 3756032.92	30.38137	0.007607067	2.6E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08

229	458562.27, 3756062.92	31.44116	0.007872423	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
230	458592.27, 3755792.92	11.71309	0.002932793	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.2E-10	1.4E-08
231	458592.27, 3755822.92	13.6565	0.003419395	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
232	458592.27, 3755852.92	15.92615	0.003987684	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
233	458592.27, 3755882.92	18.51359	0.004635542	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
234	458592.27, 3755912.92	21.41477	0.005361957	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	7.5E-09	8.5E-09	7.7E-09	1.7E-09	2.5E-08
235	458592.27, 3755942.92	24.61248	0.006162618	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	0.0E+00	8.7E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
236	458592.27, 3755972.92	28.00239	0.007011404	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	0.0E+00	9.9E-09	1.1E-08	1.0E-08	2.2E-09	3.3E-08
237	458592.27, 3756002.92	31.3365	0.007846218	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
238	458592.27, 3756032.92	34.25856	0.008577861	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.1E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
239	458592.27, 3756062.92	36.24839	0.009076086	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.3E-08
240	458622.27, 3755792.92	11.22294	0.002810066	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	4.0E-09	4.4E-09	4.0E-09	8.8E-10	1.3E-08
241	458622.27, 3755822.92	13.23441	0.00331371	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.7E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
242	458622.27, 3755852.92	15.65218	0.003919085	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
243	458622.27, 3755882.92	18.53053	0.004639784	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
244	458622.27, 3755912.92	21.87805	0.005477955	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.7E-09	7.8E-09	1.7E-09	2.6E-08
245	458622.27, 3755942.92	25.67445	0.00642852	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
246	458622.27, 3755972.92	29.89625	0.0074856	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
247	458622.27, 3756002.92	34.3362	0.008597301	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
248	458622.27, 3756032.92	38.55066	0.009652542	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.0E-09	4.6E-08
249	458622.27, 3756062.92	41.90648	0.010492792	3.6E-06	1.1E-05	6.3E-06	5.8E-06	2.6E-06	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
250	458622.27, 3756092.92	43.53036	0.010899389	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.6E-08	3.4E-09	5.2E-08
251	458652.27, 3755792.92	10.6002	0.002654141	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	0.0E+00	3.7E-09	4.2E-09	3.8E-09	8.3E-10	1.3E-08
252	458652.27, 3755822.92	12.60982	0.003157321	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.9E-10	1.5E-08
253	458652.27, 3755852.92	15.10211	0.003781356	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	5.3E-09	6.0E-09	5.4E-09	1.2E-09	1.8E-08
254	458652.27, 3755882.92	18.1783	0.00455159	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.2E-08
255	458652.27, 3755912.92	21.91033	0.005486038	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
256	458652.27, 3755942.92	26.33033	0.006592744	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	0.0E+00	9.3E-09	1.0E-08	9.4E-09	2.1E-09	3.1E-08
257	458652.27, 3755972.92	31.45479	0.007875836	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
258	458652.27, 3756002.92	37.19535	0.009313191	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
259	458652.27, 3756032.92	43.15192	0.010804633	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.4E-09	5.1E-08
260	458652.27, 3756062.92	48.50274	0.012144403	4.2E-06	1.3E-05	7.3E-06	6.7E-06	3.0E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
261	458652.27, 3756092.92	52.00117	0.01302036	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	0.0E+00	1.8E-08	2.1E-08	1.9E-08	4.1E-09	6.2E-08
262	458652.27, 3756122.92	52.46593	0.01313673	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	0.0E+00	1.8E-08	2.1E-08	1.9E-08	4.1E-09	6.2E-08
263	458682.27, 3755792.92	9.91019	0.002481372	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	3.5E-09	3.9E-09	3.6E-09	7.7E-10	1.2E-08
264	458682.27, 3755822.92	11.84185	0.002965032	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.2E-09	4.7E-09	4.2E-09	9.3E-10	1.4E-08
265	458682.27, 3755852.92	14.30141	0.003580872	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	0.0E+00	5.0E-09	5.7E-09	5.1E-09	1.1E-09	1.7E-08
266	458682.27, 3755882.92	17.43138	0.004364572	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.1E-09	6.9E-09	6.2E-09	1.4E-09	2.1E-08
267	458682.27, 3755912.92	21.42011	0.005363294	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	0.0E+00	7.5E-09	8.5E-09	7.7E-09	1.7E-09	2.5E-08
268	458682.27, 3755942.92	26.37671	0.006604356	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	9.3E-09	1.0E-08	9.5E-09	2.1E-09	3.1E-08
269	458682.27, 3755972.92	32.44431	0.008123598	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.2E-08	2.5E-09	3.8E-08
270	458682.27, 3756002.92	39.68105	0.009935576	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
271	458682.27, 3756032.92	47.81072	0.011971131	4.1E-06	1.3E-05	7.2E-06	6.6E-06	3.0E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.7E-08
272	458682.27, 3756062.92	55.98795	0.014018594	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.6E-08
273	458682.27, 3756092.92	62.51378	0.01565257	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.4E-08
274	458682.27, 3756122.92	65.21842	0.016329773	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.1E-09	7.7E-08
275	458712.27, 3755792.92	9.20653	0.002305185	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.2E-09	3.6E-09	3.3E-09	7.2E-10	1.1E-08
276	458712.27, 3755822.92	10.99111	0.002752019	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	0.0E+00	3.9E-09	4.3E-09	3.9E-09	8.6E-10	1.3E-08
277	458712.27, 3755852.92	13.3074	0.003331985	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
278	458712.27, 3755882.92	16.35493	0.004095044	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	1.9E-08
279	458712.27, 3755912.92	20.39301	0.005106122	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
280	458712.27, 3755942.92	25.67187	0.006427874	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
281	458712.27, 3755972.92	32.51453	0.00814118	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.2E-08	2.5E-09	3.9E-08
282	458712.27, 3756002.92	41.26548	0.010332295	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.5E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
283	458712.27, 3756032.92	51.91584	0.012998995	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	0.0E+00	1.8E-08	2.1E-08	1.9E-08	4.1E-09	6.1E-08
284	458712.27, 3756062.92	63.88322	0.015995458	5.5E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	0.0E+00	2.3E-08	2.5E-08	2.3E-08	5.0E-09	7.6E-08
285	458712.27, 3756092.92	75.25959	0.018843941	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	2.7E-08	3.0E-08	2.7E-08	5.9E-09	8.9E-08
286	458712.27, 3756122.92	82.47533	0.02065066	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.4E-09	9.8E-08
287	458712.27, 3756152.92	82.38775	0.020628732	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.4E-09	9.8E-08
288	458742.27, 3755792.92	8.53107	0.00213606	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.0E-09	3.4E-09	3.1E-09	6.7E-10	1.0E-08
289	458742.27, 3755822.92	10.1418	0.002539364	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
290	458742.27, 3755852.92	12.25467	0.003068397	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.6E-10	1.5E-08
291	458742.27, 3755882.92	15.07794	0.003775304	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	0.0E+00	5.3E-09	6.0E-09	5.4E-09	1.2E-09	1.8E-08
292	458742.27, 3755912.92	18.93188	0.004740276	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.2E-08
293	458742.27, 3755942.92	24.21427	0.006062912	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
294	458742.27, 3755972.92	31.42938	0.007869474	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
295	458742.27, 3756002.92	41.32455	0.010347085	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	0.0E+00	1.5E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
296	458742.27, 3756032.92	54.56547	0.013662425	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	0.0E+00	1.9E-08	2.2E-08	2.0E-08	4.3E-09	6.5E-08
297	458742.27, 3756062.92	71.27057	0.017845146	6.2E-06	1.9E-05	1.1E-05	9.8E-06	4.5E-06	0.0E+00	2.5E-08	2.8E-08	2.6E-08	5.6E-09	8.4E-08
298	458742.27, 3756092.92	90.07882	0.022554467	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	0.0E+00	3.2E-08	3.6E-08	3.2E-08	7.0E-09	1.1E-07
299	458742.27, 3756122.92	105.90639	0.026517468	9.2E-06	2.8E-05	1.6E-05	1.5E-05	6.6E-06	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07
300	458742.27, 3756152.92	111.07125	0.027810676	9.6E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	0.0E+00	3.9E-08	4.4E-08	4.0E-08	8.7E-09	1.3E-07
301	458742.27, 3756182.92	105.21332	0.026343933	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.2E-09	1.2E-07
302	458772.27, 3755792.92	7.90654	0.001979686	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	2.8E-09	3.1E-09	2.8E-09	6.2E-10	9.4E-09
303	458772.27, 3755822.92	9.34549	0.002339979	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.3E-09	3.7E-09	3.3E-09	7.3E-10	1.1E-08
304	458772.27, 3755852.92	11.22797	0.002811325	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	4.0E-09	4.4E-09	4.0E-09	8.8E-10	1.3E-08
305	458772.27, 3755882.92	13.75001	0.003442809	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
306	458772.27, 3755912.92	17.23885	0.004316365	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.3E-09	2.0E-08
307	458772.27, 3755942.92	22.17326	0.005551872	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	0.0E+00	7.8E-09	8.8E-09	7.9E-09	1.7E-09	2.6E-08

308	458772.27, 3755972.92	29.25223	0.007324346	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	0.0E+00	1.0E-08	1.2E-08	1.0E-08	2.3E-09	3.5E-08
309	458772.27, 3756002.92	39.54873	0.009902445	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
310	458772.27, 3756032.92	54.6782	0.013690651	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	0.0E+00	1.9E-08	2.2E-08	2.0E-08	4.3E-09	6.5E-08
311	458772.27, 3756062.92	76.29949	0.019104317	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	0.0E+00	2.7E-08	3.0E-08	2.7E-08	6.0E-09	9.0E-08
312	458772.27, 3756092.92	105.0867	0.026312229	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.2E-09	1.2E-07
313	458772.27, 3756122.92	136.66121	0.034218041	1.2E-05	3.6E-05	2.1E-05	1.9E-05	8.6E-06	0.0E+00	4.8E-08	5.4E-08	4.9E-08	1.1E-08	1.6E-07
314	458772.27, 3756152.92	156.49062	0.039183046	1.4E-05	4.1E-05	2.4E-05	2.1E-05	9.8E-06	0.0E+00	5.5E-08	6.2E-08	5.6E-08	1.2E-08	1.9E-07
315	458772.27, 3756182.92	152.69344	0.038232286	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.6E-06	0.0E+00	5.4E-08	6.0E-08	5.5E-08	1.2E-08	1.8E-07
316	458802.27, 3755792.92	7.32737	0.00183467	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	2.6E-09	2.9E-09	2.6E-09	5.7E-10	8.7E-09
317	458802.27, 3755822.92	8.60674	0.002155006	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	3.0E-09	3.4E-09	3.1E-09	6.7E-10	1.0E-08
318	458802.27, 3755852.92	10.26864	0.002571123	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	0.0E+00	3.6E-09	4.1E-09	3.7E-09	8.0E-10	1.2E-08
319	458802.27, 3755882.92	12.47968	0.003124736	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	4.4E-09	4.9E-09	4.5E-09	9.8E-10	1.5E-08
320	458802.27, 3755912.92	15.5255	0.003887366	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	0.0E+00	5.5E-09	6.1E-09	5.6E-09	1.2E-09	1.8E-08
321	458802.27, 3755942.92	19.881	0.004977922	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.0E-09	7.9E-09	7.1E-09	1.6E-09	2.4E-08
322	458802.27, 3755972.92	26.30638	0.006586747	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	0.0E+00	9.3E-09	1.0E-08	9.4E-09	2.1E-09	3.1E-08
323	458802.27, 3756002.92	36.07519	0.009032719	3.1E-06	9.4E-06	5.5E-06	5.0E-06	2.3E-06	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.3E-08
324	458802.27, 3756032.92	51.50189	0.012895347	4.5E-06	1.3E-05	7.8E-06	7.1E-06	3.2E-06	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.1E-08
325	458802.27, 3756062.92	76.44871	0.01914168	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	0.0E+00	2.7E-08	3.0E-08	2.7E-08	6.0E-09	9.1E-08
326	458802.27, 3756092.92	115.96117	0.029035043	1.0E-05	3.0E-05	1.8E-05	1.6E-05	7.3E-06	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
327	458802.27, 3756122.92	172.88698	0.043288463	1.5E-05	4.5E-05	2.6E-05	2.4E-05	1.1E-05	0.0E+00	6.1E-08	6.8E-08	6.2E-08	1.4E-08	2.0E-07
328	458802.27, 3756152.92	230.96082	0.057829335	2.0E-05	6.0E-05	3.5E-05	3.2E-05	1.4E-05	0.0E+00	8.1E-08	9.1E-08	8.3E-08	1.8E-08	2.7E-07
329	458802.27, 3756182.92	244.47928	0.061214166	2.1E-05	6.4E-05	3.7E-05	3.4E-05	1.5E-05	0.0E+00	8.6E-08	9.7E-08	8.8E-08	1.9E-08	2.9E-07
330	458802.27, 3756212.92	214.20837	0.053634757	1.9E-05	5.6E-05	3.2E-05	2.9E-05	1.3E-05	0.0E+00	7.5E-08	8.5E-08	7.7E-08	1.7E-08	2.5E-07
331	458832.27, 3755792.92	6.76753	0.001694494	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.0E-09
332	458832.27, 3755822.92	7.89907	0.001977816	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	2.8E-09	3.1E-09	2.8E-09	6.2E-10	9.4E-09
333	458832.27, 3755852.92	9.35922	0.002343417	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.3E-09	3.7E-09	3.4E-09	7.3E-10	1.1E-08
334	458832.27, 3755882.92	11.28513	0.002825638	9.8E-07	3.0E-06	1.7E-06	1.5E-06	7.1E-07	0.0E+00	4.0E-09	4.5E-09	4.0E-09	8.8E-10	1.3E-08
335	458832.27, 3755912.92	13.90114	0.00348065	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	0.0E+00	4.9E-09	5.5E-09	5.0E-09	1.1E-09	1.6E-08
336	458832.27, 3755942.92	17.60866	0.00440896	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	6.2E-09	7.0E-09	6.3E-09	1.4E-09	2.1E-08
337	458832.27, 3755972.92	23.0841	0.005779933	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	0.0E+00	8.1E-09	9.1E-09	8.3E-09	1.8E-09	2.7E-08
338	458832.27, 3756002.92	31.56502	0.007903436	2.7E-06	8.3E-06	4.8E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
339	458832.27, 3756032.92	45.49455	0.011391194	3.9E-06	1.2E-05	6.9E-06	6.2E-06	2.9E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.6E-09	5.4E-08
340	458832.27, 3756062.92	70.09782	0.017551506	6.1E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.3E-08
341	458832.27, 3756092.92	115.99323	0.02904307	1.0E-05	3.0E-05	1.8E-05	1.6E-05	7.3E-06	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
342	458832.27, 3756122.92	203.03216	0.050836392	1.8E-05	5.3E-05	3.1E-05	2.8E-05	1.3E-05	0.0E+00	7.2E-08	8.0E-08	7.3E-08	1.6E-08	2.4E-07
343	458832.27, 3756152.92	346.86505	0.08685012	3.0E-05	9.1E-05	5.3E-05	4.8E-05	2.2E-05	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
344	458832.27, 3756182.92	454.74987	0.113862959	3.9E-05	1.2E-04	6.9E-05	6.2E-05	2.8E-05	0.0E+00	1.6E-07	1.8E-07	1.6E-07	3.6E-08	5.4E-07
345	458862.27, 3755792.92	6.20633	0.001553978	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	0.0E+00	2.2E-09	2.5E-09	2.2E-09	4.9E-10	7.4E-09
346	458862.27, 3755822.92	7.19863	0.001802436	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	0.0E+00	2.5E-09	2.8E-09	2.6E-09	5.6E-10	8.5E-09
347	458862.27, 3755852.92	8.46738	0.002120113	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.6E-10	1.0E-08
348	458862.27, 3755882.92	10.12733	0.002535741	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
349	458862.27, 3755912.92	12.35223	0.003092824	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	4.4E-09	4.9E-09	4.4E-09	9.7E-10	1.5E-08
350	458862.27, 3755942.92	15.44061	0.003866111	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	0.0E+00	5.4E-09	6.1E-09	5.5E-09	1.2E-09	1.8E-08
351	458862.27, 3755972.92	19.94147	0.004993063	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.0E-09	7.9E-09	7.1E-09	1.6E-09	2.4E-08
352	458862.27, 3756002.92	26.84554	0.006721745	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	9.5E-09	1.1E-08	9.6E-09	2.1E-09	3.2E-08
353	458862.27, 3756032.92	38.18262	0.00956039	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	0.0E+00	1.3E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
354	458862.27, 3756062.92	58.75078	0.014710367	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	7.0E-08
355	458862.27, 3756092.92	100.87947	0.025258798	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	0.0E+00	3.6E-08	4.0E-08	3.6E-08	7.9E-09	1.2E-07
356	458862.27, 3756122.92	199.87787	0.050046602	1.7E-05	5.2E-05	3.0E-05	2.7E-05	1.3E-05	0.0E+00	7.0E-08	7.9E-08	7.2E-08	1.6E-08	2.4E-07
357	458862.27, 3756152.92	465.1428	0.116465202	4.0E-05	1.2E-04	7.0E-05	6.4E-05	2.9E-05	0.0E+00	1.6E-07	1.8E-07	1.7E-07	3.6E-08	5.5E-07
358	458892.27, 3755792.92	5.6546	0.001415832	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	0.0E+00	2.0E-09	2.2E-09	2.0E-09	4.4E-10	6.7E-09
359	458892.27, 3755822.92	6.51704	0.001631775	5.6E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	0.0E+00	2.3E-09	2.6E-09	2.3E-09	5.1E-10	7.7E-09
360	458892.27, 3755852.92	7.60589	0.001904408	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	0.0E+00	2.7E-09	3.0E-09	2.7E-09	5.9E-10	9.0E-09
361	458892.27, 3755882.92	9.01552	0.002257359	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	0.0E+00	3.2E-09	3.6E-09	3.2E-09	7.0E-10	1.1E-08
362	458892.27, 3755912.92	10.88205	0.002724712	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
363	458892.27, 3755942.92	13.42591	0.003361659	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
364	458892.27, 3755972.92	17.04185	0.004267039	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	0.0E+00	6.0E-09	6.7E-09	6.1E-09	1.3E-09	2.0E-08
365	458892.27, 3756002.92	22.44619	0.00562021	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	7.9E-09	8.9E-09	8.0E-09	1.8E-09	2.7E-08
366	458892.27, 3756032.92	31.07437	0.007780584	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
367	458892.27, 3756062.92	46.20171	0.011568257	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	0.0E+00	1.6E-08	1.8E-08	1.7E-08	3.6E-09	5.5E-08
368	458892.27, 3756092.92	76.46362	0.019145413	6.6E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	0.0E+00	2.7E-08	3.0E-08	2.7E-08	6.0E-09	9.1E-08
369	458922.27, 3755792.92	5.16075	0.001292179	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	0.0E+00	1.8E-09	2.0E-09	1.8E-09	4.0E-10	6.1E-09
370	458922.27, 3755822.92	5.91407	0.0014808	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	0.0E+00	2.1E-09	2.3E-09	2.1E-09	4.6E-10	7.0E-09
371	458922.27, 3755852.92	6.85641	0.001716748	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	0.0E+00	2.4E-09	2.7E-09	2.5E-09	5.4E-10	8.1E-09
372	458922.27, 3755882.92	8.05986	0.002018075	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	2.8E-09	3.2E-09	2.9E-09	6.3E-10	9.5E-09
373	458922.27, 3755912.92	9.63659	0.002412866	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	0.0E+00	3.4E-09	3.8E-09	3.5E-09	7.5E-10	1.1E-08
374	458922.27, 3755942.92	11.75601	0.002943539	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.2E-10	1.4E-08
375	458922.27, 3755972.92	14.70194	0.003681159	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.1E-09	1.7E-08
376	458922.27, 3756002.92	18.99751	0.004756709	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.2E-08
377	458922.27, 3756032.92	25.62312	0.006415668	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
378	458922.27, 3756062.92	36.6867	0.009185833	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.3E-08
379	458952.27, 3755792.92	4.78323	0.001197653	4.1E-07	1.3E-06	7.2E-07	6.6E-07	3.0E-07	0.0E+00	1.7E-09	1.9E-09	1.7E-09	3.7E-10	5.7E-09
380	458952.27, 3755822.92	5.46529	0.001368432	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	0.0E+00	1.9E-09	2.2E-09	2.0E-09	4.3E-10	6.5E-09
381	458952.27, 3755852.92	6.3141	0.001580962	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	0.0E+00	2.2E-09	2.5E-09	2.3E-09	4.9E-10	7.5E-09
382	458952.27, 3755882.92	7.3924	0.001850953	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	2.6E-09	2.9E-09	2.6E-09	5.8E-10	8.8E-09
383	458952.27, 3755912.92	8.7972	0.002202695	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	3.1E-09	3.5E-09	3.2E-09	6.9E-10	1.0E-08
384	458952.27, 3755942.92	10.67382	0.002672574	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	0.0E+00	3.8E-09	4.2E-09	3.8E-09	8.3E-10	1.3E-08
385	458952.27, 3755972.92	13.26387	0.003321086	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.7E-09	5.2E-09	4.8E-09	1.0E-09	1.6E-08
386	458952.27, 3756002.92	16.99055	0.004254194	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	0.0E+00	6.0E-09	6.7E-09	6.1E-09	1.3E-09	2.0E-08

387	458982.27, 3755792.92	4.55096	0.001139496	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	0.0E+00	1.6E-09	1.8E-09	1.6E-09	3.6E-10	5.4E-09
388	458982.27, 3755822.92	5.20031	0.001302084	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	0.0E+00	1.8E-09	2.1E-09	1.9E-09	4.1E-10	6.2E-09
389	458982.27, 3755852.92	6.0104	0.001504919	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	0.0E+00	2.1E-09	2.4E-09	2.2E-09	4.7E-10	7.1E-09
390	458982.27, 3755882.92	7.03831	0.001762294	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	0.0E+00	2.5E-09	2.8E-09	2.5E-09	5.5E-10	8.3E-09
391	458982.27, 3755912.92	8.37489	0.002096954	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.2E-07	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.5E-10	9.9E-09
392	458982.27, 3755942.92	10.15498	0.002542664	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
393	458982.27, 3755972.92	12.59652	0.003153991	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.8E-10	1.5E-08
394	459012.27, 3755792.92	4.44594	0.001113201	3.9E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	1.6E-09	1.8E-09	1.6E-09	3.5E-10	5.3E-09
395	459012.27, 3755822.92	5.08741	0.001273816	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	0.0E+00	1.8E-09	2.0E-09	1.8E-09	4.0E-10	6.0E-09
396	459012.27, 3755852.92	5.88632	0.001473852	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	0.0E+00	2.1E-09	2.3E-09	2.1E-09	4.6E-10	7.0E-09
397	459012.27, 3755882.92	6.89637	0.001726754	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	0.0E+00	2.4E-09	2.7E-09	2.5E-09	5.4E-10	8.2E-09
398	459012.27, 3755912.92	8.19792	0.002052644	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	2.9E-09	3.2E-09	2.9E-09	6.4E-10	9.7E-09
399	459042.27, 3755792.92	4.41644	0.001105814	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	1.6E-09	1.7E-09	1.6E-09	3.5E-10	5.2E-09
400	459042.27, 3755822.92	5.05183	0.001264907	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	0.0E+00	1.8E-09	2.0E-09	1.8E-09	3.9E-10	6.0E-09
401	459042.27, 3755852.92	5.83632	0.001461332	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	0.0E+00	2.1E-09	2.3E-09	2.1E-09	4.6E-10	6.9E-09
402	459042.27, 3755882.92	6.81803	0.001707139	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.1E-09
403	459072.27, 3755792.92	4.40456	0.00110284	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	0.0E+00	1.6E-09	1.7E-09	1.6E-09	3.4E-10	5.2E-09
404	459072.27, 3755822.92	5.02329	0.001257761	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	0.0E+00	1.8E-09	2.0E-09	1.8E-09	3.9E-10	5.9E-09
405	459102.27, 3755792.92	4.37414	0.001095223	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	0.0E+00	1.5E-09	1.7E-09	1.6E-09	3.4E-10	5.2E-09
406	458632.68, 3756291.16	31.29966	0.007836994	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
407	458632.68, 3756321.16	27.59173	0.00690858	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	9.7E-09	1.1E-08	9.9E-09	2.2E-09	3.3E-08
408	458632.68, 3756351.16	24.38932	0.006106742	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.6E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
409	458632.68, 3756381.16	21.49875	0.005382984	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.3E-06	0.0E+00	7.6E-09	8.5E-09	7.7E-09	1.7E-09	2.5E-08
410	458662.68, 3756291.16	36.63447	0.009172755	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.9E-09	4.3E-08
411	458662.68, 3756321.16	31.78968	0.007959688	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.1E-08	2.5E-09	3.8E-08
412	458662.68, 3756351.16	27.60925	0.006912967	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	0.0E+00	9.7E-09	1.1E-08	9.9E-09	2.2E-09	3.3E-08
413	458662.68, 3756381.16	23.81153	0.005962072	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	8.4E-09	9.4E-09	8.5E-09	1.9E-09	2.8E-08
414	458662.68, 3756411.16	20.35976	0.005097797	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
415	458662.68, 3756441.16	17.35323	0.004345004	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.1E-09	6.9E-09	6.2E-09	1.4E-09	2.1E-08
416	458662.68, 3756471.16	14.82301	0.003711473	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	0.0E+00	5.2E-09	5.9E-09	5.3E-09	1.2E-09	1.8E-08
417	458662.68, 3756501.16	12.72488	0.003186131	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	0.0E+00	4.5E-09	5.0E-09	4.6E-09	9.9E-10	1.5E-08
418	458662.68, 3756531.16	10.98714	0.002751025	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	0.0E+00	3.9E-09	4.3E-09	3.9E-09	8.6E-10	1.3E-08
419	458692.68, 3756291.16	43.45005	0.01087928	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.6E-08	3.4E-09	5.1E-08
420	458692.68, 3756321.16	36.92334	0.009245084	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
421	458692.68, 3756351.16	31.26321	0.007827867	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
422	458692.68, 3756381.16	26.21461	0.006563769	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	0.0E+00	9.2E-09	1.0E-08	9.4E-09	2.0E-09	3.1E-08
423	458692.68, 3756411.16	21.86618	0.005474983	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.6E-09	7.8E-09	1.7E-09	2.6E-08
424	458692.68, 3756441.16	18.28005	0.004577067	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	6.4E-09	7.2E-09	6.6E-09	1.4E-09	2.2E-08
425	458692.68, 3756471.16	15.37406	0.003849448	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	0.0E+00	5.4E-09	6.1E-09	5.5E-09	1.2E-09	1.8E-08
426	458692.68, 3756501.16	13.02792	0.003262008	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.5E-08
427	458692.68, 3756531.16	11.13355	0.002787684	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	3.9E-09	4.4E-09	4.0E-09	8.7E-10	1.3E-08
428	458722.68, 3756291.16	52.35459	0.013108852	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	0.0E+00	1.8E-08	2.1E-08	1.9E-08	4.1E-09	6.2E-08
429	458722.68, 3756321.16	43.15898	0.0108064	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.4E-09	5.1E-08
430	458722.68, 3756351.16	35.25104	0.008826364	3.1E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
431	458722.68, 3756381.16	28.5764	0.007155128	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
432	458722.68, 3756411.16	23.21394	0.005812443	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	8.2E-09	9.2E-09	8.3E-09	1.8E-09	2.7E-08
433	458722.68, 3756441.16	19.011	0.004760086	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.3E-08
434	458722.68, 3756471.16	15.73631	0.00394015	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
435	458722.68, 3756501.16	13.18343	0.003300945	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
436	458722.68, 3756531.16	11.18784	0.002801277	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	3.9E-09	4.4E-09	4.0E-09	8.7E-10	1.3E-08
437	458752.68, 3756291.16	64.06206	0.016040237	5.6E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	0.0E+00	2.3E-08	2.5E-08	2.3E-08	5.0E-09	7.6E-08
438	458752.68, 3756321.16	50.39619	0.012618496	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.2E-06	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	6.0E-08
439	458752.68, 3756351.16	39.26042	0.009830256	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.6E-08
440	458752.68, 3756381.16	30.65177	0.007674771	2.7E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
441	458752.68, 3756411.16	24.21755	0.006063733	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
442	458752.68, 3756441.16	19.44477	0.004868696	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	6.8E-09	7.7E-09	7.0E-09	1.5E-09	2.3E-08
443	458752.68, 3756471.16	15.89437	0.003979726	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
444	458752.68, 3756501.16	13.23392	0.003313587	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.7E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
445	458752.68, 3756531.16	11.21089	0.002807049	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	3.9E-09	4.4E-09	4.0E-09	8.8E-10	1.3E-08
446	458782.68, 3756291.16	79.08676	0.01980221	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.2E-09	9.4E-08
447	458782.68, 3756321.16	58.04501	0.014533653	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	0.0E+00	2.0E-08	2.3E-08	2.1E-08	4.5E-09	6.9E-08
448	458782.68, 3756351.16	42.73183	0.010699448	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.1E-08
449	458782.68, 3756381.16	32.08536	0.008033722	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.2E-08	2.5E-09	3.8E-08
450	458782.68, 3756411.16	24.73582	0.006193501	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.6E-06	0.0E+00	8.7E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
451	458782.68, 3756441.16	19.60483	0.004908773	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	6.9E-09	7.8E-09	7.0E-09	1.5E-09	2.3E-08
452	458782.68, 3756471.16	15.95108	0.003993926	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
453	458782.68, 3756501.16	13.27871	0.003324802	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
454	458782.68, 3756531.16	11.26621	0.0028209	9.8E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	0.0E+00	4.0E-09	4.5E-09	4.0E-09	8.8E-10	1.3E-08
455	458812.68, 3756291.16	96.5071	0.024164018	8.4E-06	2.5E-05	1.5E-05	1.3E-05	6.0E-06	0.0E+00	3.4E-08	3.8E-08	3.5E-08	7.5E-09	1.1E-07
456	458812.68, 3756321.16	64.57889	0.016169644	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.0E-06	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.0E-09	7.6E-08
457	458812.68, 3756351.16	44.88407	0.011238339	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.3E-08
458	458812.68, 3756381.16	32.70011	0.008187647	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.0E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
459	458812.68, 3756411.16	24.90328	0.00623543	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	8.8E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
460	458812.68, 3756441.16	19.68682	0.004929302	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	6.9E-09	7.8E-09	7.1E-09	1.5E-09	2.3E-08
461	458812.68, 3756471.16	16.03101	0.004013939	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.3E-09	1.9E-08
462	458812.68, 3756501.16	13.35912	0.003344935	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
463	458812.68, 3756531.16	11.33556	0.002838264	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.9E-10	1.3E-08
464	458842.68, 3756291.16	111.47251	0.027911146	9.7E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	0.0E+00	3.9E-08	4.4E-08	4.0E-08	8.7E-09	1.3E-07
465	458842.68, 3756321.16	68.04	0.017036257	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.3E-06	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.3E-09	8.1E-08

466	458842.68, 3756351.16	45.60122	0.011417903	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.6E-09	5.4E-08
467	458842.68, 3756381.16	32.88187	0.008233157	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
468	458842.68, 3756411.16	25.00498	0.006260895	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	8.8E-09	9.9E-09	9.0E-09	2.0E-09	3.0E-08
469	458842.68, 3756441.16	19.7712	0.00495043	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	7.0E-09	7.8E-09	7.1E-09	1.5E-09	2.3E-08
470	458842.68, 3756471.16	16.08048	0.004026326	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
471	458842.68, 3756501.16	13.37342	0.003348516	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
472	458842.68, 3756531.16	11.31958	0.002834263	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.8E-10	1.3E-08
473	458872.68, 3756291.16	117.4738	0.029413784	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.4E-06	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.2E-09	1.4E-07
474	458872.68, 3756321.16	68.6628	0.017192198	6.0E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.4E-09	8.1E-08
475	458872.68, 3756351.16	45.62174	0.011423041	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.6E-09	5.4E-08
476	458872.68, 3756381.16	32.80988	0.008215132	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
477	458872.68, 3756411.16	24.88954	0.00623199	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	8.8E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
478	458872.68, 3756441.16	19.62289	0.004913295	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	0.0E+00	6.9E-09	7.8E-09	7.0E-09	1.5E-09	2.3E-08
479	458872.68, 3756471.16	15.90711	0.003982916	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
480	458872.68, 3756501.16	13.19799	0.003304591	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
481	458872.68, 3756531.16	11.1507	0.002791978	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	3.9E-09	4.4E-09	4.0E-09	8.7E-10	1.3E-08
482	458902.68, 3756291.16	113.74071	0.028479071	9.9E-06	3.0E-05	1.7E-05	1.6E-05	7.1E-06	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.9E-09	1.3E-07
483	458902.68, 3756321.16	66.41636	0.016629721	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
484	458902.68, 3756351.16	44.16959	0.011059443	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	0.0E+00	1.6E-08	1.7E-08	1.6E-08	3.5E-09	5.2E-08
485	458902.68, 3756381.16	31.78951	0.007959645	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.1E-08	2.5E-09	3.8E-08
486	458902.68, 3756411.16	24.12953	0.006041694	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.5E-09	9.5E-09	8.6E-09	1.9E-09	2.9E-08
487	458902.68, 3756441.16	19.02881	0.004764546	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.3E-08
488	458902.68, 3756471.16	15.44298	0.003866705	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	0.0E+00	5.4E-09	6.1E-09	5.5E-09	1.2E-09	1.8E-08
489	458902.68, 3756501.16	12.82332	0.003210779	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	0.0E+00	4.5E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
490	458902.68, 3756531.16	10.8432	0.002714984	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
491	458932.68, 3756291.16	100.14776	0.025075588	8.7E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	0.0E+00	3.5E-08	4.0E-08	3.6E-08	7.8E-09	1.2E-07
492	458932.68, 3756321.16	59.62591	0.014929488	5.2E-06	1.6E-05	9.0E-06	8.2E-06	3.7E-06	0.0E+00	2.1E-08	2.4E-08	2.1E-08	4.7E-09	7.1E-08
493	458932.68, 3756351.16	40.37338	0.010108925	3.5E-06	1.1E-05	6.1E-06	5.5E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.2E-09	4.8E-08
494	458932.68, 3756381.16	29.48681	0.007383082	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
495	458932.68, 3756411.16	22.64014	0.005668772	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
496	458932.68, 3756441.16	18.01369	0.004510374	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	0.0E+00	6.3E-09	7.1E-09	6.5E-09	1.4E-09	2.1E-08
497	458932.68, 3756471.16	14.72493	0.003686915	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.2E-09	1.7E-08
498	458932.68, 3756501.16	12.29011	0.00307727	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	0.0E+00	4.3E-09	4.9E-09	4.4E-09	9.6E-10	1.5E-08
499	458932.68, 3756531.16	10.43647	0.002613145	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	3.7E-09	4.1E-09	3.7E-09	8.2E-10	1.2E-08
500	458962.68, 3756291.16	90.58507	0.022681225	7.9E-06	2.4E-05	1.4E-05	1.2E-05	5.7E-06	0.0E+00	3.2E-08	3.6E-08	3.2E-08	7.1E-09	1.1E-07
501	458962.68, 3756321.16	53.8149	0.013474493	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.4E-08
502	458962.68, 3756351.16	36.41283	0.009117259	3.2E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.3E-08
503	458962.68, 3756381.16	26.75697	0.006699568	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	0.0E+00	9.4E-09	1.1E-08	9.6E-09	2.1E-09	3.2E-08
504	458962.68, 3756411.16	20.75114	0.005195793	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.3E-09	8.2E-09	7.4E-09	1.6E-09	2.5E-08
505	458962.68, 3756441.16	16.69893	0.004181177	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	5.9E-09	6.6E-09	6.0E-09	1.3E-09	2.0E-08
506	458962.68, 3756471.16	13.79062	0.003452977	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.9E-09	5.5E-09	4.9E-09	1.1E-09	1.6E-08
507	458962.68, 3756501.16	11.61152	0.002907361	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.1E-10	1.4E-08
508	458962.68, 3756531.16	9.93178	0.002486778	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	3.5E-09	3.9E-09	3.6E-09	7.8E-10	1.2E-08
509	458992.68, 3756291.16	82.95828	0.020771584	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.8E-08
510	458992.68, 3756321.16	50.9548	0.012758364	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.0E-08
511	458992.68, 3756351.16	34.49964	0.008638224	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
512	458992.68, 3756381.16	25.06615	0.006276211	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	8.8E-09	9.9E-09	9.0E-09	2.0E-09	3.0E-08
513	458992.68, 3756411.16	19.26112	0.004822713	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	6.8E-09	7.6E-09	6.9E-09	1.5E-09	2.3E-08
514	458992.68, 3756441.16	15.4603	0.003871041	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	0.0E+00	5.4E-09	6.1E-09	5.5E-09	1.2E-09	1.8E-08
515	458992.68, 3756471.16	12.81174	0.003207879	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	0.0E+00	4.5E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
516	458992.68, 3756501.16	10.85322	0.002717493	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
517	458992.68, 3756531.16	9.34304	0.002339366	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.3E-09	3.7E-09	3.3E-09	7.3E-10	1.1E-08
518	459022.68, 3756291.16	74.29089	0.018601392	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.7E-06	0.0E+00	2.6E-08	2.9E-08	2.7E-08	5.8E-09	8.8E-08
519	459022.68, 3756321.16	47.24279	0.011828929	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.6E-08
520	459022.68, 3756351.16	33.11861	0.008292433	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
521	459022.68, 3756381.16	24.34705	0.006096158	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.6E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
522	459022.68, 3756411.16	18.59914	0.004656963	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
523	459022.68, 3756441.16	14.75269	0.003693866	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.2E-09	1.7E-08
524	459022.68, 3756471.16	12.10977	0.003032116	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.3E-09	4.8E-09	4.3E-09	9.5E-10	1.4E-08
525	459022.68, 3756501.16	10.2108	0.00255664	8.9E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	3.6E-09	4.0E-09	3.7E-09	8.0E-10	1.2E-08
526	459022.68, 3756531.16	8.78372	0.00219932	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	3.1E-09	3.5E-09	3.1E-09	6.9E-10	1.0E-08
527	459052.68, 3756291.16	67.42276	0.016881709	5.8E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.3E-09	8.0E-08
528	459052.68, 3756321.16	42.88711	0.010738328	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.4E-09	5.1E-08
529	459052.68, 3756351.16	30.93455	0.007745575	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
530	459052.68, 3756381.16	23.42755	0.005865928	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	8.3E-09	9.3E-09	8.4E-09	1.8E-09	2.8E-08
531	459052.68, 3756411.16	18.21025	0.00455959	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.2E-08
532	459052.68, 3756441.16	14.48252	0.003626219	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	0.0E+00	5.1E-09	5.7E-09	5.2E-09	1.1E-09	1.7E-08
533	459052.68, 3756471.16	11.79857	0.002954196	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.2E-09	4.7E-09	4.2E-09	9.2E-10	1.4E-08
534	459052.68, 3756501.16	9.84908	0.002466071	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	0.0E+00	3.5E-09	3.9E-09	3.5E-09	7.7E-10	1.2E-08
535	459052.68, 3756531.16	8.40059	0.002103389	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.6E-10	9.9E-09
536	459082.68, 3756291.16	62.06128	0.01553927	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.3E-08
537	459082.68, 3756321.16	39.03922	0.009774871	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.4E-06	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.1E-09	4.6E-08
538	459082.68, 3756351.16	28.33012	0.007093463	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
539	459082.68, 3756381.16	21.97411	0.005502007	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
540	459082.68, 3756411.16	17.52487	0.00438798	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	6.2E-09	6.9E-09	6.3E-09	1.4E-09	2.1E-08
541	459082.68, 3756441.16	14.19375	0.003553915	1.2E-06	3.7E-06	2.2E-06	1.9E-06	8.9E-07	0.0E+00	5.0E-09	5.6E-09	5.1E-09	1.1E-09	1.7E-08
542	459082.68, 3756471.16	11.65234	0.002917582	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.1E-10	1.4E-08
543	459082.68, 3756501.16	9.71523	0.002432557	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.4E-09	3.8E-09	3.5E-09	7.6E-10	1.2E-08
544	459082.68, 3756531.16	8.20485	0.002054379	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	2.9E-09	3.2E-09	2.9E-09	6.4E-10	9.7E-09

545	459112.68, 3756291.16	55.9223	0.014002156	4.8E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.6E-08
546	459112.68, 3756321.16	35.12249	0.008794177	3.0E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.3E-08	2.7E-09	4.2E-08
547	459112.68, 3756351.16	25.47727	0.006379149	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.1E-09	2.0E-09	3.0E-08
548	459112.68, 3756381.16	20.35746	0.005097221	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.2E-09	8.0E-09	7.3E-09	1.6E-09	2.4E-08
549	459112.68, 3756411.16	16.54291	0.004142112	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	2.0E-08
550	459112.68, 3756441.16	13.65873	0.003419954	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
551	459112.68, 3756471.16	11.39811	0.002853926	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.9E-10	1.3E-08
552	459112.68, 3756501.16	9.57883	0.002398404	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	0.0E+00	3.4E-09	3.8E-09	3.4E-09	7.5E-10	1.1E-08
553	459112.68, 3756531.16	8.12609	0.002034658	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	2.9E-09	3.2E-09	2.9E-09	6.4E-10	9.6E-09
554	459142.68, 3756291.16	51.87893	0.012989753	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	0.0E+00	1.8E-08	2.1E-08	1.9E-08	4.1E-09	6.1E-08
555	459142.68, 3756321.16	32.48608	0.008134057	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.2E-08	2.5E-09	3.8E-08
556	459142.68, 3756351.16	23.31981	0.005838952	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	0.0E+00	8.2E-09	9.2E-09	8.4E-09	1.8E-09	2.8E-08
557	459142.68, 3756381.16	18.56825	0.004649228	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	0.0E+00	6.5E-09	7.3E-09	6.7E-09	1.5E-09	2.2E-08
558	459142.68, 3756411.16	15.35623	0.003844984	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	0.0E+00	5.4E-09	6.1E-09	5.5E-09	1.2E-09	1.8E-08
559	459142.68, 3756441.16	12.94428	0.003241065	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	4.6E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
560	459142.68, 3756471.16	10.91683	0.00273342	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
561	459142.68, 3756501.16	9.3381	0.002338129	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	3.3E-09	3.7E-09	3.3E-09	7.3E-10	1.1E-08
562	459142.68, 3756531.16	8.00621	0.002004642	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	2.8E-09	3.2E-09	2.9E-09	6.3E-10	9.5E-09
563	459172.68, 3756291.16	48.18775	0.012065534	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
564	459172.68, 3756321.16	30.22281	0.007567366	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
565	459172.68, 3756351.16	21.66777	0.005425304	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.6E-09	8.6E-09	7.8E-09	1.7E-09	2.6E-08
566	459172.68, 3756381.16	17.14109	0.004291887	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.0E-09	6.8E-09	6.1E-09	1.3E-09	2.0E-08
567	459172.68, 3756411.16	14.27116	0.003573297	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	0.0E+00	5.0E-09	5.6E-09	5.1E-09	1.1E-09	1.7E-08
568	459172.68, 3756441.16	12.10033	0.003029752	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	0.0E+00	4.3E-09	4.8E-09	4.3E-09	9.5E-10	1.4E-08
569	459172.68, 3756471.16	10.36138	0.002594344	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	3.6E-09	4.1E-09	3.7E-09	8.1E-10	1.2E-08
570	459172.68, 3756501.16	8.96498	0.002244705	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	0.0E+00	3.2E-09	3.5E-09	3.2E-09	7.0E-10	1.1E-08
571	459172.68, 3756531.16	7.78292	0.001948733	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	2.7E-09	3.1E-09	2.8E-09	6.1E-10	9.2E-09
572	459202.68, 3756291.16	45.17892	0.011312165	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.4E-08
573	459202.68, 3756321.16	28.44273	0.007121659	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
574	459202.68, 3756351.16	20.39213	0.005105902	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
575	459202.68, 3756381.16	16.09021	0.004028762	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
576	459202.68, 3756411.16	13.39274	0.003353353	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.0E-09	1.6E-08
577	459202.68, 3756441.16	11.3934	0.002852747	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.9E-10	1.3E-08
578	459202.68, 3756471.16	9.81401	0.00245729	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.5E-09	3.9E-09	3.5E-09	7.7E-10	1.2E-08
579	459202.68, 3756501.16	8.54326	0.002139112	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	3.0E-09	3.4E-09	3.1E-09	6.7E-10	1.0E-08
580	459202.68, 3756531.16	7.49741	0.001877246	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	0.0E+00	2.6E-09	3.0E-09	2.7E-09	5.9E-10	8.9E-09
581	459232.68, 3756291.16	42.2923	0.010589396	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
582	459232.68, 3756321.16	27.37214	0.006853598	2.4E-06	7.2E-06	4.1E-06	3.8E-06	1.7E-06	0.0E+00	9.6E-09	1.1E-08	9.8E-09	2.1E-09	3.2E-08
583	459232.68, 3756351.16	19.40287	0.004858205	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	6.8E-09	7.7E-09	7.0E-09	1.5E-09	2.3E-08
584	459232.68, 3756381.16	15.14984	0.003793306	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	5.3E-09	6.0E-09	5.4E-09	1.2E-09	1.8E-08
585	459232.68, 3756411.16	12.56353	0.003145731	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.8E-10	1.5E-08
586	459232.68, 3756441.16	10.73913	0.002688927	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	0.0E+00	3.8E-09	4.2E-09	3.8E-09	8.4E-10	1.3E-08
587	459232.68, 3756471.16	9.30408	0.002329611	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	3.3E-09	3.7E-09	3.3E-09	7.3E-10	1.1E-08
588	459232.68, 3756501.16	8.13778	0.002037585	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	2.9E-09	3.2E-09	2.9E-09	6.4E-10	9.6E-09
589	459232.68, 3756531.16	7.18284	0.001798482	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	0.0E+00	2.5E-09	2.8E-09	2.6E-09	5.6E-10	8.5E-09
590	459262.68, 3756291.16	39.33383	0.009848637	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
591	459262.68, 3756321.16	26.46129	0.006625534	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	0.0E+00	9.3E-09	1.0E-08	9.5E-09	2.1E-09	3.1E-08
592	459262.68, 3756351.16	18.52685	0.004638862	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
593	459262.68, 3756381.16	14.23714	0.003564779	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	0.0E+00	5.0E-09	5.6E-09	5.1E-09	1.1E-09	1.7E-08
594	459262.68, 3756411.16	11.77201	0.002947545	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	4.1E-09	4.7E-09	4.2E-09	9.2E-10	1.4E-08
595	459262.68, 3756441.16	10.13225	0.002536973	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
596	459262.68, 3756471.16	8.83475	0.002212097	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	3.1E-09	3.5E-09	3.2E-09	6.9E-10	1.0E-08
597	459262.68, 3756501.16	7.75087	0.001940709	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	2.7E-09	3.1E-09	2.8E-09	6.1E-10	9.2E-09
598	459262.68, 3756531.16	6.86087	0.001717865	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	0.0E+00	2.4E-09	2.7E-09	2.5E-09	5.4E-10	8.1E-09
599	459292.68, 3756291.16	36.80041	0.009214304	3.2E-06	9.6E-06	5.6E-06	5.1E-06	2.3E-06	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
600	459292.68, 3756321.16	25.43731	0.006369144	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	9.0E-09	1.0E-08	9.1E-09	2.0E-09	3.0E-08
601	459292.68, 3756351.16	17.9246	0.004488067	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	0.0E+00	6.3E-09	7.1E-09	6.4E-09	1.4E-09	2.1E-08
602	459292.68, 3756381.16	13.6644	0.003421373	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
603	459292.68, 3756411.16	11.23141	0.002812187	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	4.0E-09	4.4E-09	4.0E-09	8.8E-10	1.3E-08
604	459292.68, 3756441.16	9.61781	0.002408164	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	0.0E+00	3.4E-09	3.8E-09	3.4E-09	7.5E-10	1.1E-08
605	459292.68, 3756471.16	8.40193	0.002103725	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.6E-10	1.0E-08
606	459292.68, 3756501.16	7.39667	0.001852022	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	2.6E-09	2.9E-09	2.7E-09	5.8E-10	8.8E-09
607	459292.68, 3756531.16	6.55242	0.001640634	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	0.0E+00	2.3E-09	2.6E-09	2.3E-09	5.1E-10	7.8E-09
608	459322.68, 3756291.16	34.45953	0.008628181	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
609	459322.68, 3756321.16	24.35107	0.006097165	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	0.0E+00	8.6E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
610	459322.68, 3756351.16	17.3182	0.004336233	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.4E-09	2.1E-08
611	459322.68, 3756381.16	13.18871	0.003302267	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
612	459322.68, 3756411.16	10.77413	0.00269769	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.4E-10	1.3E-08
613	459322.68, 3756441.16	9.16875	0.002295726	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	0.0E+00	3.2E-09	3.6E-09	3.3E-09	7.2E-10	1.1E-08
614	459322.68, 3756471.16	8.01558	0.002006988	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	2.8E-09	3.2E-09	2.9E-09	6.3E-10	9.5E-09
615	459322.68, 3756501.16	7.07341	0.001771082	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	0.0E+00	2.5E-09	2.8E-09	2.5E-09	5.5E-10	8.4E-09
616	459322.68, 3756531.16	6.26045	0.001567528	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	0.0E+00	2.2E-09	2.5E-09	2.2E-09	4.9E-10	7.4E-09
617	459352.68, 3756291.16	31.98198	0.008007837	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.1E-08	1.3E-08	1.1E-08	2.5E-09	3.8E-08
618	459352.68, 3756321.16	23.09068	0.005781581	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	0.0E+00	8.1E-09	9.1E-09	8.3E-09	1.8E-09	2.7E-08
619	459352.68, 3756351.16	16.50728	0.00413319	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	2.0E-08
620	459352.68, 3756381.16	12.50616	0.003131366	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	4.4E-09	4.9E-09	4.5E-09	9.8E-10	1.5E-08
621	459352.68, 3756411.16	10.22211	0.002559472	8.9E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	0.0E+00	3.6E-09	4.0E-09	3.7E-09	8.0E-10	1.2E-08
622	459352.68, 3756441.16	8.7474	0.002190226	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	3.1E-09	3.5E-09	3.1E-09	6.8E-10	1.0E-08
623	459352.68, 3756471.16	7.67176	0.001920901	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	0.0E+00	2.7E-09	3.0E-09	2.7E-09	6.0E-10	9.1E-09

624	459352.68, 3756501.16	6.77375	0.001696052	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.0E-09
625	459352.68, 3756531.16	5.99075	0.001499999	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	0.0E+00	2.1E-09	2.4E-09	2.1E-09	4.7E-10	7.1E-09
626	459382.68, 3756291.16	29.65739	0.007425793	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
627	459382.68, 3756321.16	21.84002	0.005468433	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	0.0E+00	7.7E-09	8.6E-09	7.8E-09	1.7E-09	2.6E-08
628	459382.68, 3756351.16	15.86651	0.003972751	1.4E-06	4.2E-06	2.4E-06	2.2E-06	9.9E-07	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
629	459382.68, 3756381.16	12.03543	0.003013502	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	0.0E+00	4.2E-09	4.8E-09	4.3E-09	9.4E-10	1.4E-08
630	459382.68, 3756411.16	9.77867	0.002448441	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	0.0E+00	3.4E-09	3.9E-09	3.5E-09	7.6E-10	1.2E-08
631	459382.68, 3756441.16	8.37458	0.002096877	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.2E-07	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.5E-10	9.9E-09
632	459382.68, 3756471.16	7.35114	0.001840622	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	2.6E-09	2.9E-09	2.6E-09	5.7E-10	8.7E-09
633	459382.68, 3756501.16	6.48953	0.001624887	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	0.0E+00	2.3E-09	2.6E-09	2.3E-09	5.1E-10	7.7E-09
634	459382.68, 3756531.16	5.74376	0.001438157	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	0.0E+00	2.0E-09	2.3E-09	2.1E-09	4.5E-10	6.8E-09
635	458633.73, 3756194.08	41.22388	0.010321879	3.6E-06	1.1E-05	6.2E-06	5.7E-06	2.6E-06	0.0E+00	1.5E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
636	458633.73, 3756224.08	39.31486	0.009843887	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
637	458663.73, 3756164.08	53.58364	0.013416588	4.6E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.3E-08
638	458663.73, 3756194.08	50.6922	0.012692613	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.0E-08
639	458663.73, 3756224.08	47.87541	0.011987328	4.1E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.7E-08
640	458693.73, 3756164.08	68.3302	0.017108919	5.9E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.3E-09	8.1E-08
641	458693.73, 3756194.08	64.14409	0.016060776	5.6E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	0.0E+00	2.3E-08	2.5E-08	2.3E-08	5.0E-09	7.6E-08
642	458693.73, 3756224.08	59.8166	0.014977234	5.2E-06	1.6E-05	9.1E-06	8.2E-06	3.7E-06	0.0E+00	2.1E-08	2.4E-08	2.1E-08	4.7E-09	7.1E-08
643	458723.73, 3756194.08	84.23374	0.021090941	7.3E-06	2.2E-05	1.3E-05	1.2E-05	5.3E-06	0.0E+00	3.0E-08	3.3E-08	3.0E-08	6.6E-09	1.0E-07
644	458723.73, 3756224.08	77.24732	0.01934164	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.8E-06	0.0E+00	2.7E-08	3.1E-08	2.8E-08	6.0E-09	9.1E-08
645	458753.73, 3756224.08	104.31559	0.026119154	9.0E-06	2.7E-05	1.6E-05	1.4E-05	6.5E-06	0.0E+00	3.7E-08	4.1E-08	3.7E-08	8.2E-09	1.2E-07
646	458783.73, 3756224.08	150.09105	0.037580684	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	0.0E+00	5.3E-08	5.9E-08	5.4E-08	1.2E-08	1.8E-07

Operational Risk (Combined Scenario) - Fueling (Naphthalene)

	Fueling
Emissions Rate (g/s):	2.80E-05

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	Fueling	Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 458909.21, 3756133.18	159.41792	0.00445834	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	0.0E+00	8.7E-08	9.7E-08	8.8E-08	1.9E-08	2.9E-07
2 458909.21, 3756163.18	508.44478	0.01421935	4.9E-06	1.5E-05	8.6E-06	7.8E-06	3.6E-06	0.0E+00	2.8E-07	3.1E-07	2.8E-07	6.1E-08	9.3E-07
3 458939.21, 3756103.18	61.12912	0.00170956	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	0.0E+00	3.3E-08	3.7E-08	3.4E-08	7.4E-09	1.1E-07
4 458939.21, 3756133.18	116.5563	0.00325966	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	6.3E-08	7.1E-08	6.4E-08	1.4E-08	2.1E-07
5 458939.21, 3756163.18	379.09076	0.01060179	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	0.0E+00	2.1E-07	2.3E-07	2.1E-07	4.6E-08	6.9E-07
6 458969.21, 3756043.18	24.23088	0.00067765	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
7 458969.21, 3756073.18	34.59823	0.00096759	3.3E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.3E-08
8 458969.21, 3756103.18	54.95216	0.00153681	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	0.0E+00	3.0E-08	3.3E-08	3.0E-08	6.6E-09	1.0E-07
9 458969.21, 3756133.18	115.61976	0.00323346	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	6.3E-08	7.0E-08	6.4E-08	1.4E-08	2.1E-07
10 458969.21, 3756163.18	408.6261	0.01142778	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	0.0E+00	2.2E-07	2.5E-07	2.3E-07	4.9E-08	7.5E-07
11 458969.21, 3756193.18	223	0.0062365	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	0.0E+00	1.2E-07	1.4E-07	1.2E-07	2.7E-08	4.1E-07
12 458969.21, 3756223.18	1047.39002	0.02929169	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	0.0E+00	5.7E-07	6.4E-07	5.8E-07	1.3E-07	1.9E-06
13 458999.21, 3756013.18	17.16561	0.00048006	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.3E-09	1.0E-08	9.5E-09	2.1E-09	3.1E-08
14 458999.21, 3756043.18	22.86453	0.00063944	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	0.0E+00	1.2E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
15 458999.21, 3756073.18	32.70999	0.00091478	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	6.0E-08
16 458999.21, 3756103.18	55.40882	0.00154958	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
17 458999.21, 3756133.18	128.82269	0.0036027	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	0.0E+00	7.0E-08	7.8E-08	7.1E-08	1.6E-08	2.4E-07
18 458999.21, 3756163.18	358.22411	0.01001822	3.5E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	0.0E+00	1.9E-07	2.2E-07	2.0E-07	4.3E-08	6.5E-07
19 458999.21, 3756193.18	735.00283	0.02055535	7.1E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	0.0E+00	4.0E-07	4.5E-07	4.1E-07	8.9E-08	1.3E-06
20 458999.21, 3756223.18	613.73191	0.01716385	5.9E-06	1.8E-05	1.0E-05	9.4E-06	4.3E-06	0.0E+00	3.3E-07	3.7E-07	3.4E-07	7.4E-08	1.1E-06
21 459029.21, 3755953.18	10.46709	0.00029273	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
22 459029.21, 3755983.18	12.92219	0.00036139	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	0.0E+00	7.0E-09	7.9E-09	7.1E-09	1.6E-09	2.4E-08
23 459029.21, 3756013.18	16.39912	0.00045862	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	0.0E+00	8.9E-09	1.0E-08	9.1E-09	2.0E-09	3.0E-08
24 459029.21, 3756043.18	21.91228	0.00061281	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
25 459029.21, 3756073.18	32.73476	0.00091547	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	6.0E-08
26 459029.21, 3756103.18	59.95768	0.0016768	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	0.0E+00	3.3E-08	3.7E-08	3.3E-08	7.2E-09	1.1E-07
27 459029.21, 3756133.18	133.39143	0.00373047	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	0.0E+00	7.2E-08	8.1E-08	7.4E-08	1.6E-08	2.4E-07
28 459029.21, 3756163.18	286.9038	0.00802365	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	0.0E+00	1.6E-07	1.7E-07	1.6E-07	3.5E-08	5.2E-07
29 459029.21, 3756193.18	458.89717	0.01283368	4.4E-06	1.3E-05	7.8E-06	7.0E-06	3.2E-06	0.0E+00	2.5E-07	2.8E-07	2.5E-07	5.5E-08	8.4E-07
30 459029.21, 3756223.18	403.037	0.01127148	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	0.0E+00	2.2E-07	2.5E-07	2.2E-07	4.9E-08	7.4E-07
31 459059.21, 3755923.18	8.44231	0.0002361	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	0.0E+00	4.6E-09	5.1E-09	4.7E-09	1.0E-09	1.5E-08
32 459059.21, 3755953.18	10.12614	0.00028319	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.8E-08
33 459059.21, 3755983.18	12.40899	0.00034703	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	0.0E+00	6.7E-09	7.6E-09	6.9E-09	1.5E-09	2.3E-08
34 459059.21, 3756013.18	15.82573	0.00044259	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.6E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
35 459059.21, 3756043.18	21.87972	0.0006119	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
36 459059.21, 3756073.18	34.74304	0.00097164	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.3E-08
37 459059.21, 3756103.18	64.69586	0.00180931	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	0.0E+00	3.5E-08	3.9E-08	3.6E-08	7.8E-09	1.2E-07
38 459059.21, 3756133.18	127.90145	0.00357694	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	0.0E+00	6.9E-08	7.8E-08	7.1E-08	1.5E-08	2.3E-07
39 459059.21, 3756163.18	227.75812	0.00636957	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	1.2E-07	1.4E-07	1.3E-07	2.7E-08	4.2E-07
40 459059.21, 3756193.18	317.08044	0.00886759	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	0.0E+00	1.7E-07	1.9E-07	1.8E-07	3.8E-08	5.8E-07
41 459059.21, 3756223.18	286.28741	0.00800642	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	0.0E+00	1.6E-07	1.7E-07	1.6E-07	3.4E-08	5.2E-07
42 459089.21, 3755863.18	6.00891	0.00016805	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	0.0E+00	3.3E-09	3.7E-09	3.3E-09	7.2E-10	1.1E-08
43 459089.21, 3755893.18	6.96889	0.00019489	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	0.0E+00	3.8E-09	4.2E-09	3.8E-09	8.4E-10	1.3E-08
44 459089.21, 3755923.18	8.17586	0.00022865	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.8E-10	1.5E-08
45 459089.21, 3755953.18	9.76066	0.00027297	9.4E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	0.0E+00	5.3E-09	5.9E-09	5.4E-09	1.2E-09	1.8E-08
46 459089.21, 3755983.18	12.02687	0.00033635	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
47 459089.21, 3756013.18	15.73899	0.00044016	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
48 459089.21, 3756043.18	22.76984	0.00063679	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	0.0E+00	1.2E-08	1.4E-08	1.3E-08	2.7E-09	4.2E-08
49 459089.21, 3756073.18	37.37879	0.00104535	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	0.0E+00	2.0E-08	2.3E-08	2.1E-08	4.5E-09	6.8E-08
50 459089.21, 3756103.18	67.0093	0.00187401	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	0.0E+00	3.6E-08	4.1E-08	3.7E-08	8.1E-09	1.2E-07
51 459089.21, 3756133.18	117.57929	0.00328826	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	6.4E-08	7.2E-08	6.5E-08	1.4E-08	2.1E-07
52 459089.21, 3756163.18	183.25646	0.00512502	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	9.9E-08	1.1E-07	1.0E-07	2.2E-08	3.3E-07
53 459089.21, 3756193.18	233.98143	0.00654361	2.3E-06	6.8E-06	4.0E-06	3.6E-06	1.6E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.3E-07
54 459089.21, 3756223.18	215.17452	0.00601765	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	3.9E-07
55 459119.21, 3755833.18	5.13173	0.00014352	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	0.0E+00	2.8E-09	3.1E-09	2.8E-09	6.2E-10	9.4E-09
56 459119.21, 3755863.18	5.86065	0.0001639	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	0.0E+00	3.2E-09	3.6E-09	3.2E-09	7.1E-10	1.1E-08
57 459119.21, 3755893.18	6.75791	0.00018899	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	0.0E+00	3.7E-09	4.1E-09	3.7E-09	8.1E-10	1.2E-08
58 459119.21, 3755923.18	7.90725	0.00022114	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.5E-10	1.4E-08
59 459119.21, 3755953.18	9.49176	0.00026545	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	0.0E+00	5.2E-09	5.8E-09	5.2E-09	1.1E-09	1.7E-08
60 459119.21, 3755983.18	11.93073	0.00033366	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
61 459119.21, 3756013.18	16.15385	0.00045176	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	0.0E+00	8.8E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
62 459119.21, 3756043.18	24.1531	0.00067547	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
63 459119.21, 3756073.18	39.49478	0.00110453	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
64 459119.21, 3756103.18	66.33357	0.00185511	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	3.6E-08	4.0E-08	3.7E-08	8.0E-09	1.2E-07
65 459119.21, 3756133.18	105.38787	0.00294732	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
66 459119.21, 3756163.18	149.93456	0.00419312	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	0.0E+00	8.1E-08	9.1E-08	8.3E-08	1.8E-08	2.7E-07
67 459119.21, 3756193.18	180.85414	0.00505783	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	0.0E+00	9.8E-08	1.1E-07	1.0E-07	2.2E-08	3.3E-07
68 459119.21, 3756223.18	168.44218	0.00471071	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	0.0E+00	9.1E-08	1.0E-07	9.3E-08	2.0E-08	3.1E-07
69 459149.21, 3755773.18	3.95961	0.00011074	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	0.0E+00	2.1E-09	2.4E-09	2.2E-09	4.8E-10	7.2E-09
70 459149.21, 3755803.18	4.43816	0.00012412	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	0.0E+00	2.4E-09	2.7E-09	2.5E-09	5.3E-10	8.1E-09

71	459149.21, 3755833.18	5.00574	0.00013999	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	0.0E+00	2.7E-09	3.0E-09	2.8E-09	6.0E-10	9.1E-09
72	459149.21, 3755863.18	5.69305	0.00015921	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	0.0E+00	3.1E-09	3.5E-09	3.1E-09	6.9E-10	1.0E-08
73	459149.21, 3755893.18	6.55479	0.00018331	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
74	459149.21, 3755923.18	7.70661	0.00021553	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	0.0E+00	4.2E-09	4.7E-09	4.3E-09	9.3E-10	1.4E-08
75	459149.21, 3755953.18	9.39512	0.00026275	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	0.0E+00	5.1E-09	5.7E-09	5.2E-09	1.1E-09	1.7E-08
76	459149.21, 3755983.18	12.13794	0.00033945	1.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
77	459149.21, 3756013.18	16.94687	0.00047394	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.2E-09	1.0E-08	9.4E-09	2.0E-09	3.1E-08
78	459149.21, 3756043.18	25.60163	0.00071598	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
79	459149.21, 3756073.18	40.57451	0.00113472	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.4E-08
80	459149.21, 3756103.18	63.64873	0.00178002	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	0.0E+00	3.5E-08	3.9E-08	3.5E-08	7.7E-09	1.2E-07
81	459149.21, 3756133.18	93.52099	0.00261544	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	0.0E+00	5.1E-08	5.7E-08	5.2E-08	1.1E-08	1.7E-07
82	459149.21, 3756163.18	124.77017	0.00348937	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	0.0E+00	6.8E-08	7.6E-08	6.9E-08	1.5E-08	2.3E-07
83	459149.21, 3756193.18	144.77641	0.00404887	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	0.0E+00	7.9E-08	8.8E-08	8.0E-08	1.7E-08	2.6E-07
84	459149.21, 3756223.18	136.05101	0.00380485	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	0.0E+00	7.4E-08	8.3E-08	7.5E-08	1.6E-08	2.5E-07
85	459179.21, 3755773.18	3.88061	0.00010853	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	0.0E+00	2.1E-09	2.4E-09	2.1E-09	4.7E-10	7.1E-09
86	459179.21, 3755803.18	4.33225	0.00012116	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	0.0E+00	2.4E-09	2.6E-09	2.4E-09	5.2E-10	7.9E-09
87	459179.21, 3755833.18	4.87214	0.00013626	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	0.0E+00	2.6E-09	3.0E-09	2.7E-09	5.9E-10	8.9E-09
88	459179.21, 3755863.18	5.53866	0.0001549	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	0.0E+00	3.0E-09	3.4E-09	3.1E-09	6.7E-10	1.0E-08
89	459179.21, 3755893.18	6.40683	0.00017918	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	0.0E+00	3.5E-09	3.9E-09	3.5E-09	7.7E-10	1.2E-08
90	459179.21, 3755923.18	7.62667	0.00021329	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.2E-10	1.4E-08
91	459179.21, 3755953.18	9.49643	0.00026558	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	0.0E+00	5.2E-09	5.8E-09	5.2E-09	1.1E-09	1.7E-08
92	459179.21, 3755983.18	12.58098	0.00035184	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	0.0E+00	6.8E-09	7.7E-09	6.9E-09	1.5E-09	2.3E-08
93	459179.21, 3756013.18	17.8419	0.00049897	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	0.0E+00	9.7E-09	1.1E-08	9.9E-09	2.1E-09	3.3E-08
94	459179.21, 3756043.18	26.67307	0.00074595	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
95	459179.21, 3756073.18	40.53193	0.00113353	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.4E-08
96	459179.21, 3756103.18	59.89953	0.00167517	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	0.0E+00	3.3E-08	3.6E-08	3.3E-08	7.2E-09	1.1E-07
97	459179.21, 3756133.18	82.86173	0.00231734	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	4.5E-08	5.0E-08	4.6E-08	1.0E-08	1.5E-07
98	459179.21, 3756163.18	105.28934	0.00294456	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
99	459179.21, 3756193.18	118.98126	0.00332747	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	0.0E+00	6.5E-08	7.2E-08	6.6E-08	1.4E-08	2.2E-07
100	459179.21, 3756223.18	112.57211	0.00314823	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	0.0E+00	6.1E-08	6.9E-08	6.2E-08	1.4E-08	2.1E-07
101	459209.21, 3755803.18	4.22481	0.00011815	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	0.0E+00	2.3E-09	2.6E-09	2.3E-09	5.1E-10	7.7E-09
102	459209.21, 3755833.18	4.75201	0.0001329	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	0.0E+00	2.6E-09	2.9E-09	2.6E-09	5.7E-10	8.7E-09
103	459209.21, 3755863.18	5.42253	0.00015165	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	0.0E+00	2.9E-09	3.3E-09	3.0E-09	6.5E-10	9.9E-09
104	459209.21, 3755893.18	6.32953	0.00017701	6.1E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	0.0E+00	3.4E-09	3.9E-09	3.5E-09	7.6E-10	1.2E-08
105	459209.21, 3755923.18	7.65926	0.0002142	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	0.0E+00	4.2E-09	4.7E-09	4.2E-09	9.2E-10	1.4E-08
106	459209.21, 3755953.18	9.74156	0.00027244	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	0.0E+00	5.3E-09	5.9E-09	5.4E-09	1.2E-09	1.8E-08
107	459209.21, 3755983.18	13.1219	0.00036697	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	0.0E+00	7.1E-09	8.0E-09	7.2E-09	1.6E-09	2.4E-08
108	459209.21, 3756013.18	18.63098	0.00052104	1.8E-07	5.4E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
109	459209.21, 3756043.18	27.27319	0.00076273	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
110	459209.21, 3756073.18	39.69826	0.00111022	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
111	459209.21, 3756103.18	55.66975	0.00155688	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
112	459209.21, 3756133.18	73.50312	0.00205561	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.9E-09	1.3E-07
113	459209.21, 3756163.18	89.91272	0.00251453	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	4.9E-08	5.5E-08	5.0E-08	1.1E-08	1.6E-07
114	459209.21, 3756193.18	99.43469	0.00278083	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	5.4E-08	6.1E-08	5.5E-08	1.2E-08	1.8E-07
115	459209.21, 3756223.18	94.82813	0.002652	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	0.0E+00	5.1E-08	5.8E-08	5.2E-08	1.1E-08	1.7E-07
116	459239.21, 3755803.18	4.12832	0.00011545	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	0.0E+00	2.2E-09	2.5E-09	2.3E-09	5.0E-10	7.5E-09
117	459239.21, 3755833.18	4.6577	0.00013026	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	0.0E+00	2.5E-09	2.8E-09	2.6E-09	5.6E-10	8.5E-09
118	459239.21, 3755863.18	5.35765	0.00014983	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	0.0E+00	2.9E-09	3.3E-09	3.0E-09	6.5E-10	9.8E-09
119	459239.21, 3755893.18	6.33769	0.00017724	6.1E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	0.0E+00	3.4E-09	3.9E-09	3.5E-09	7.6E-10	1.2E-08
120	459239.21, 3755923.18	7.79804	0.00021808	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	0.0E+00	4.2E-09	4.8E-09	4.3E-09	9.4E-10	1.4E-08
121	459239.21, 3755953.18	10.07767	0.00028184	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	0.0E+00	5.5E-09	6.1E-09	5.6E-09	1.2E-09	1.8E-08
122	459239.21, 3755983.18	13.67183	0.00038235	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	0.0E+00	7.4E-09	8.3E-09	7.5E-09	1.6E-09	2.5E-08
123	459239.21, 3756013.18	19.23103	0.00053782	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
124	459239.21, 3756043.18	27.39572	0.00076616	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
125	459239.21, 3756073.18	38.33036	0.00107196	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	7.0E-08
126	459239.21, 3756103.18	51.43257	0.00143838	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.2E-09	9.4E-08
127	459239.21, 3756133.18	65.37458	0.00182829	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	3.5E-08	4.0E-08	3.6E-08	7.9E-09	1.2E-07
128	459239.21, 3756163.18	77.74492	0.00217424	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	4.2E-08	4.7E-08	4.3E-08	9.4E-09	1.4E-07
129	459239.21, 3756193.18	85.67989	0.00239615	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	0.0E+00	4.6E-08	5.2E-08	4.7E-08	1.0E-08	1.6E-07
130	459239.21, 3756223.18	81.17341	0.00227012	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	0.0E+00	4.4E-08	4.9E-08	4.5E-08	9.8E-09	1.5E-07
131	459269.21, 3755833.18	4.60138	0.00012868	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	0.0E+00	2.5E-09	2.8E-09	2.5E-09	5.5E-10	8.4E-09
132	459269.21, 3755863.18	5.34944	0.0001496	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	0.0E+00	2.9E-09	3.3E-09	3.0E-09	6.4E-10	9.8E-09
133	459269.21, 3755893.18	6.42548	0.0001797	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	0.0E+00	3.5E-09	3.9E-09	3.5E-09	7.7E-10	1.2E-08
134	459269.21, 3755923.18	8.03188	0.00022462	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	0.0E+00	4.4E-09	4.9E-09	4.4E-09	9.7E-10	1.5E-08
135	459269.21, 3755953.18	10.4801	0.00029309	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
136	459269.21, 3755983.18	14.19482	0.00039698	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	0.0E+00	7.7E-09	8.6E-09	7.8E-09	1.7E-09	2.6E-08
137	459269.21, 3756013.18	19.63284	0.00054906	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
138	459269.21, 3756043.18	27.12276	0.00075852	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	4.9E-08
139	459269.21, 3756073.18	36.59619	0.00102346	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.7E-08
140	459269.21, 3756103.18	47.40801	0.00132583	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	0.0E+00	2.6E-08	2.9E-08	2.6E-08	5.7E-09	8.6E-08
141	459269.21, 3756133.18	59.21518	0.00165603	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	0.0E+00	3.2E-08	3.6E-08	3.3E-08	7.1E-09	1.1E-07
142	459269.21, 3756163.18	69.30561	0.00193823	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	3.8E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07
143	459269.21, 3756193.18	74.59379	0.00208612	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	9.0E-09	1.4E-07
144	459269.21, 3756223.18	71.10934	0.00198867	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	3.9E-08	4.3E-08	3.9E-08	8.6E-09	1.3E-07
145	459299.21, 3755863.18	5.39711	0.00015094	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	0.0E+00	2.9E-09	3.3E-09	3.0E-09	6.5E-10	9.8E-09
146	459299.21, 3755893.18	6.57262	0.00018381	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
147	459299.21, 3755923.18	8.30959	0.00023239	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	0.0E+00	4.5E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
148	459299.21, 3755953.18	10.87152	0.00030404	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	0.0E+00	5.9E-09	6.6E-09	6.0E-09	1.3E-09	2.0E-08
149	459299.21, 3755983.18	14.5995	0.00040829	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	0.0E+00	7.9E-09	8.9E-09	8.1E-09	1.8E-09	2.7E-08

150	459299.21, 3756013.18	19.80741	0.00055394	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
151	459299.21, 3756043.18	26.57801	0.00074329	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
152	459299.21, 3756073.18	34.7176	0.00097092	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.3E-08
153	459299.21, 3756103.18	44.17688	0.00123547	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.3E-09	8.1E-08
154	459299.21, 3756133.18	53.67826	0.00150119	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.8E-08
155	459299.21, 3756163.18	61.67697	0.00172488	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	0.0E+00	3.3E-08	3.8E-08	3.4E-08	7.4E-09	1.1E-07
156	459299.21, 3756193.18	65.5984	0.00183455	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	3.6E-08	4.0E-08	3.6E-08	7.9E-09	1.2E-07
157	459299.21, 3756223.18	62.64831	0.00175205	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	0.0E+00	3.4E-08	3.8E-08	3.5E-08	7.5E-09	1.1E-07
158	459329.21, 3755863.18	5.4949	0.00015367	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.6E-10	1.0E-08
159	459329.21, 3755893.18	6.76195	0.00018911	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	0.0E+00	3.7E-09	4.1E-09	3.7E-09	8.1E-10	1.2E-08
160	459329.21, 3755923.18	8.59339	0.00024033	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	0.0E+00	4.7E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
161	459329.21, 3755953.18	11.21857	0.00031374	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.4E-09	2.0E-08
162	459329.21, 3755983.18	14.86715	0.00041578	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.1E-09	9.1E-09	8.2E-09	1.8E-09	2.7E-08
163	459329.21, 3756013.18	19.44795	0.00054389	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
164	459329.21, 3756043.18	25.62553	0.00071665	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
165	459329.21, 3756073.18	32.9111	0.0009204	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.0E-08
166	459329.21, 3756103.18	40.94329	0.00114503	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	0.0E+00	2.2E-08	2.5E-08	2.3E-08	4.9E-09	7.5E-08
167	459329.21, 3756133.18	48.74851	0.00136332	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	0.0E+00	2.6E-08	3.0E-08	2.7E-08	5.9E-09	8.9E-08
168	459329.21, 3756163.18	55.07891	0.00154036	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	0.0E+00	3.0E-08	3.4E-08	3.0E-08	6.6E-09	1.0E-07
169	459329.21, 3756193.18	58.13359	0.00162578	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	0.0E+00	3.2E-08	3.5E-08	3.2E-08	7.0E-09	1.1E-07
170	459329.21, 3756223.18	55.68288	0.00155725	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
171	459359.21, 3755893.18	6.97069	0.00019494	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	0.0E+00	3.8E-09	4.2E-09	3.8E-09	8.4E-10	1.3E-08
172	459359.21, 3755923.18	8.87016	0.00024807	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
173	459359.21, 3755953.18	11.50585	0.00032178	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.1E-08	0.0E+00	6.2E-09	7.0E-09	6.4E-09	1.4E-09	2.1E-08
174	459359.21, 3755983.18	14.70081	0.00041113	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
175	459359.21, 3756013.18	19.0295	0.00053219	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
176	459359.21, 3756043.18	24.66544	0.0006898	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
177	459359.21, 3756073.18	31.15699	0.00087135	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
178	459359.21, 3756103.18	37.96996	0.00106188	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	6.9E-08
179	459359.21, 3756133.18	44.40453	0.00124183	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.3E-09	8.1E-08
180	459359.21, 3756163.18	49.43471	0.00138251	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	0.0E+00	2.7E-08	3.0E-08	2.7E-08	6.0E-09	9.0E-08
181	459359.21, 3756193.18	51.81269	0.00144901	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.2E-09	9.5E-08
182	459359.21, 3756223.18	49.85915	0.00139438	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	0.0E+00	2.7E-08	3.0E-08	2.8E-08	6.0E-09	9.1E-08
183	459389.21, 3755923.18	9.1248	0.00025519	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	0.0E+00	5.0E-09	5.6E-09	5.0E-09	1.1E-09	1.7E-08
184	459389.21, 3755953.18	11.7227	0.00032784	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	0.0E+00	6.4E-09	7.1E-09	6.5E-09	1.4E-09	2.1E-08
185	459389.21, 3755983.18	14.74108	0.00041225	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
186	459389.21, 3756013.18	18.68465	0.00052254	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.3E-09	3.4E-08
187	459389.21, 3756043.18	23.69082	0.00066255	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.9E-09	4.3E-08
188	459389.21, 3756073.18	29.43975	0.00082332	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.4E-08
189	459389.21, 3756103.18	35.24732	0.00098574	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.4E-08
190	459389.21, 3756133.18	40.52473	0.00113333	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.4E-08
191	459389.21, 3756163.18	44.51041	0.00124479	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.4E-09	8.1E-08
192	459389.21, 3756193.18	46.43093	0.0012985	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.2E-07	0.0E+00	2.5E-08	2.8E-08	2.6E-08	5.6E-09	8.5E-08
193	459389.21, 3756223.18	44.91817	0.0012562	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.4E-09	8.2E-08
194	458472.27, 3755792.92	12.06093	0.0003373	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.4E-08	0.0E+00	6.5E-09	7.3E-09	6.7E-09	1.5E-09	2.2E-08
195	458472.27, 3755822.92	13.3651	0.00037377	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	0.0E+00	7.3E-09	8.1E-09	7.4E-09	1.6E-09	2.4E-08
196	458472.27, 3755852.92	14.739	0.0004122	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
197	458472.27, 3755882.92	16.17101	0.00045224	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	0.0E+00	8.8E-09	9.9E-09	8.9E-09	1.9E-09	3.0E-08
198	458472.27, 3755912.92	17.59255	0.000492	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	0.0E+00	9.5E-09	1.1E-08	9.7E-09	2.1E-09	3.2E-08
199	458472.27, 3755942.92	18.93489	0.00052954	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.0E-08	2.3E-09	3.5E-08
200	458472.27, 3755972.92	20.10849	0.00056236	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.7E-08
201	458472.27, 3756002.92	20.94749	0.00058583	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	0.0E+00	1.1E-08	1.3E-08	1.2E-08	2.5E-09	3.8E-08
202	458502.27, 3755792.92	12.1957	0.00034107	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
203	458502.27, 3755822.92	13.68302	0.00038266	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	0.0E+00	7.4E-09	8.3E-09	7.6E-09	1.6E-09	2.5E-08
204	458502.27, 3755852.92	15.26649	0.00042695	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	0.0E+00	8.3E-09	9.3E-09	8.4E-09	1.8E-09	2.8E-08
205	458502.27, 3755882.92	16.95102	0.00047406	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.2E-09	1.0E-08	9.4E-09	2.0E-09	3.1E-08
206	458502.27, 3755912.92	18.69183	0.00052274	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.3E-09	3.4E-08
207	458502.27, 3755942.92	20.38836	0.00057019	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
208	458502.27, 3755972.92	21.94434	0.0006137	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
209	458502.27, 3756002.92	23.20049	0.00064883	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
210	458502.27, 3756032.92	23.92865	0.0006692	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
211	458532.27, 3755792.92	12.19288	0.00034099	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
212	458532.27, 3755822.92	13.86144	0.00038765	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	0.0E+00	7.5E-09	8.4E-09	7.7E-09	1.7E-09	2.5E-08
213	458532.27, 3755852.92	15.68487	0.00043865	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
214	458532.27, 3755882.92	17.64235	0.00049339	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	0.0E+00	9.6E-09	1.1E-08	9.7E-09	2.1E-09	3.2E-08
215	458532.27, 3755912.92	19.73484	0.00055191	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
216	458532.27, 3755942.92	21.86743	0.00061155	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
217	458532.27, 3755972.92	23.90613	0.00066857	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
218	458532.27, 3756002.92	25.69277	0.00071853	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
219	458532.27, 3756032.92	26.94566	0.00075357	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	0.0E+00	1.5E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
220	458562.27, 3755792.92	12.03708	0.00033663	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
221	458562.27, 3755822.92	13.86063	0.00038763	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	0.0E+00	7.5E-09	8.4E-09	7.7E-09	1.7E-09	2.5E-08
222	458562.27, 3755852.92	15.92456	0.00044535	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.6E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
223	458562.27, 3755882.92	18.19549	0.00050886	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	9.9E-09	1.1E-08	1.0E-08	2.2E-09	3.3E-08
224	458562.27, 3755912.92	20.66578	0.00057795	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	0.0E+00	1.1E-08	1.3E-08	1.1E-08	2.5E-09	3.8E-08
225	458562.27, 3755942.92	23.30571	0.00065178	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.3E-08
226	458562.27, 3755972.92	25.96035	0.00072602	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
227	458562.27, 3756002.92	28.41214	0.00079458	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	0.0E+00	1.5E-08	1.7E-08	1.6E-08	3.4E-09	5.2E-08
228	458562.27, 3756032.92	30.38137	0.00084966	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	0.0E+00	1.6E-08	1.9E-08	1.7E-08	3.7E-09	5.5E-08

229	458562.27, 3756062.92	31.44116	0.00087929	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
230	458592.27, 3755792.92	11.71309	0.00032757	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	0.0E+00	6.4E-09	7.1E-09	6.5E-09	1.4E-09	2.1E-08
231	458592.27, 3755822.92	13.6565	0.00038192	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	0.0E+00	7.4E-09	8.3E-09	7.5E-09	1.6E-09	2.5E-08
232	458592.27, 3755852.92	15.92615	0.0004454	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.6E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
233	458592.27, 3755882.92	18.51359	0.00051776	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
234	458592.27, 3755912.92	21.41477	0.00059889	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
235	458592.27, 3755942.92	24.61248	0.00068832	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
236	458592.27, 3755972.92	28.00239	0.00078312	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.4E-09	5.1E-08
237	458592.27, 3756002.92	31.3365	0.00087637	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
238	458592.27, 3756032.92	34.25856	0.00095809	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.1E-09	6.3E-08
239	458592.27, 3756062.92	36.24839	0.00101374	3.5E-07	1.1E-06	6.1E-07	5.6E-07	2.5E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.6E-08
240	458622.27, 3755792.92	11.22294	0.00031386	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.4E-09	2.0E-08
241	458622.27, 3755822.92	13.23441	0.00037012	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
242	458622.27, 3755852.92	15.65218	0.00043773	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.5E-09	9.5E-09	8.6E-09	1.9E-09	2.9E-08
243	458622.27, 3755882.92	18.53053	0.00051823	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
244	458622.27, 3755912.92	21.87805	0.00061185	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
245	458622.27, 3755942.92	25.67445	0.00071802	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
246	458622.27, 3755972.92	29.89625	0.00083609	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	0.0E+00	1.6E-08	1.8E-08	1.7E-08	3.6E-09	5.5E-08
247	458622.27, 3756002.92	34.3362	0.00096026	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.1E-09	6.3E-08
248	458622.27, 3756032.92	38.55066	0.00107812	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	7.0E-08
249	458622.27, 3756062.92	41.90648	0.00117197	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.0E-09	7.6E-08
250	458622.27, 3756092.92	43.53036	0.00121739	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.2E-09	7.9E-08
251	458652.27, 3755792.92	10.6002	0.00029645	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	1.9E-08
252	458652.27, 3755822.92	12.60982	0.00035265	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	0.0E+00	6.8E-09	7.7E-09	7.0E-09	1.5E-09	2.3E-08
253	458652.27, 3755852.92	15.10211	0.00042235	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	0.0E+00	8.2E-09	9.2E-09	8.3E-09	1.8E-09	2.8E-08
254	458652.27, 3755882.92	18.1783	0.00050838	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	9.9E-09	1.1E-08	1.0E-08	2.2E-09	3.3E-08
255	458652.27, 3755912.92	21.91033	0.00061275	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
256	458652.27, 3755942.92	26.33033	0.00073636	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
257	458652.27, 3755972.92	31.45479	0.00087968	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
258	458652.27, 3756002.92	37.19535	0.00104022	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	0.0E+00	2.0E-08	2.3E-08	2.1E-08	4.5E-09	6.8E-08
259	458652.27, 3756032.92	43.15192	0.0012068	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
260	458652.27, 3756062.92	48.50274	0.00135645	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	0.0E+00	2.6E-08	3.0E-08	2.7E-08	5.8E-09	8.8E-08
261	458652.27, 3756092.92	52.00117	0.00145428	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.3E-09	9.5E-08
262	458652.27, 3756122.92	52.46593	0.00146728	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.3E-09	9.6E-08
263	458682.27, 3755792.92	9.91019	0.00027715	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	0.0E+00	5.4E-09	6.0E-09	5.5E-09	1.2E-09	1.8E-08
264	458682.27, 3755822.92	11.84185	0.00033117	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.2E-08
265	458682.27, 3755852.92	14.30141	0.00039996	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	0.0E+00	7.8E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
266	458682.27, 3755882.92	17.43138	0.00048749	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	0.0E+00	9.5E-09	1.1E-08	9.6E-09	2.1E-09	3.2E-08
267	458682.27, 3755912.92	21.42011	0.00059904	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
268	458682.27, 3755942.92	26.37671	0.00073766	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
269	458682.27, 3755972.92	32.44431	0.00090735	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	5.9E-08
270	458682.27, 3756002.92	39.68105	0.00110973	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	2.2E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
271	458682.27, 3756032.92	47.81072	0.00133709	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	0.0E+00	2.6E-08	2.9E-08	2.6E-08	5.8E-09	8.7E-08
272	458682.27, 3756062.92	55.98795	0.00156578	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
273	458682.27, 3756092.92	62.51378	0.00174828	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	0.0E+00	3.4E-08	3.8E-08	3.5E-08	7.5E-09	1.1E-07
274	458682.27, 3756122.92	65.21842	0.00182392	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	3.5E-08	4.0E-08	3.6E-08	7.9E-09	1.2E-07
275	458712.27, 3755792.92	9.20653	0.00025747	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	0.0E+00	5.0E-09	5.6E-09	5.1E-09	1.1E-09	1.7E-08
276	458712.27, 3755822.92	10.99111	0.00030738	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	0.0E+00	6.0E-09	6.7E-09	6.1E-09	1.3E-09	2.0E-08
277	458712.27, 3755852.92	13.3074	0.00037216	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
278	458712.27, 3755882.92	16.35493	0.00045739	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	0.0E+00	8.9E-09	1.0E-08	9.0E-09	2.0E-09	3.0E-08
279	458712.27, 3755912.92	20.39301	0.00057032	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
280	458712.27, 3755942.92	25.67187	0.00071795	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
281	458712.27, 3755972.92	32.51453	0.00090931	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	5.9E-08
282	458712.27, 3756002.92	41.26548	0.00115405	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	0.0E+00	2.2E-08	2.5E-08	2.3E-08	5.0E-09	7.5E-08
283	458712.27, 3756032.92	51.91584	0.0014519	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.3E-09	9.5E-08
284	458712.27, 3756062.92	63.88322	0.00178658	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	0.0E+00	3.5E-08	3.9E-08	3.5E-08	7.7E-09	1.2E-07
285	458712.27, 3756092.92	75.25959	0.00210474	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
286	458712.27, 3756122.92	82.47533	0.00230653	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	4.5E-08	5.0E-08	4.6E-08	9.9E-09	1.5E-07
287	458712.27, 3756152.92	82.38775	0.00230409	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	4.5E-08	5.0E-08	4.5E-08	9.9E-09	1.5E-07
288	458742.27, 3755792.92	8.53107	0.00023858	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
289	458742.27, 3755822.92	10.1418	0.00028363	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
290	458742.27, 3755852.92	12.25467	0.00034272	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.2E-08
291	458742.27, 3755882.92	15.07794	0.00042168	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	0.0E+00	8.2E-09	9.2E-09	8.3E-09	1.8E-09	2.8E-08
292	458742.27, 3755912.92	18.93188	0.00052946	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.0E-08	2.3E-09	3.5E-08
293	458742.27, 3755942.92	24.21427	0.00067718	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
294	458742.27, 3755972.92	31.42938	0.00087897	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
295	458742.27, 3756002.92	41.32455	0.0011557	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	0.0E+00	2.2E-08	2.5E-08	2.3E-08	5.0E-09	7.5E-08
296	458742.27, 3756032.92	54.56547	0.001526	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	0.0E+00	3.0E-08	3.3E-08	3.0E-08	6.6E-09	1.0E-07
297	458742.27, 3756062.92	71.27057	0.00199318	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	0.0E+00	3.9E-08	4.3E-08	3.9E-08	8.6E-09	1.3E-07
298	458742.27, 3756092.92	90.07882	0.00251918	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	4.9E-08	5.5E-08	5.0E-08	1.1E-08	1.6E-07
299	458742.27, 3756122.92	105.90639	0.00296182	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	5.7E-08	6.5E-08	5.8E-08	1.3E-08	1.9E-07
300	458742.27, 3756152.92	111.07125	0.00310626	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	6.0E-08	6.8E-08	6.1E-08	1.3E-08	2.0E-07
301	458742.27, 3756182.92	105.21332	0.00294243	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
302	458772.27, 3755792.92	7.90654	0.00022112	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.5E-10	1.4E-08
303	458772.27, 3755822.92	9.34549	0.00026136	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	0.0E+00	5.1E-09	5.7E-09	5.2E-09	1.1E-09	1.7E-08
304	458772.27, 3755852.92	11.22797	0.00031401	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.4E-09	2.0E-08
305	458772.27, 3755882.92	13.75001	0.00038454	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	0.0E+00	7.5E-09	8.4E-09	7.6E-09	1.7E-09	2.5E-08
306	458772.27, 3755912.92	17.23885	0.00048211	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.4E-09	1.1E-08	9.5E-09	2.1E-09	3.1E-08
307	458772.27, 3755942.92	22.17326	0.00062011	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.0E-08

308	458772.27, 3755972.92	29.25223	0.00081808	2.8E-07	8.6E-07	4.9E-07	4.5E-07	2.0E-07	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.5E-09	5.3E-08
309	458772.27, 3756002.92	39.54873	0.00110603	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.8E-09	7.2E-08
310	458772.27, 3756032.92	54.6782	0.00152915	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	0.0E+00	3.0E-08	3.3E-08	3.0E-08	6.6E-09	1.0E-07
311	458772.27, 3756062.92	76.29949	0.00213382	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	0.0E+00	4.1E-08	4.6E-08	4.2E-08	9.2E-09	1.4E-07
312	458772.27, 3756092.92	105.0867	0.00293889	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
313	458772.27, 3756122.92	136.66121	0.00382192	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	0.0E+00	7.4E-08	8.3E-08	7.5E-08	1.6E-08	2.5E-07
314	458772.27, 3756152.92	156.49062	0.00437647	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	0.0E+00	8.5E-08	9.5E-08	8.6E-08	1.9E-08	2.9E-07
315	458772.27, 3756182.92	152.69344	0.00427028	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	0.0E+00	8.3E-08	9.3E-08	8.4E-08	1.8E-08	2.8E-07
316	458802.27, 3755792.92	7.32737	0.00020492	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	0.0E+00	4.0E-09	4.5E-09	4.0E-09	8.8E-10	1.3E-08
317	458802.27, 3755822.92	8.60674	0.0002407	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	0.0E+00	4.7E-09	5.2E-09	4.8E-09	1.0E-09	1.6E-08
318	458802.27, 3755852.92	10.26864	0.00028718	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
319	458802.27, 3755882.92	12.47968	0.00034901	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	0.0E+00	6.8E-09	7.6E-09	6.9E-09	1.5E-09	2.3E-08
320	458802.27, 3755912.92	15.5255	0.00043419	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.4E-09	9.5E-09	8.6E-09	1.9E-09	2.8E-08
321	458802.27, 3755942.92	19.881	0.000556	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
322	458802.27, 3755972.92	26.30638	0.00073569	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
323	458802.27, 3756002.92	36.07519	0.00100889	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.3E-09	6.6E-08
324	458802.27, 3756032.92	51.50189	0.00144032	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.2E-09	9.4E-08
325	458802.27, 3756062.92	76.44871	0.00213799	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	4.1E-08	4.7E-08	4.2E-08	9.2E-09	1.4E-07
326	458802.27, 3756092.92	115.96117	0.00324301	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	6.3E-08	7.1E-08	6.4E-08	1.4E-08	2.1E-07
327	458802.27, 3756122.92	172.88698	0.00483502	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	0.0E+00	9.4E-08	1.1E-07	9.5E-08	2.1E-08	3.2E-07
328	458802.27, 3756152.92	230.96082	0.00645913	2.2E-06	6.8E-06	3.9E-06	3.5E-06	1.6E-06	0.0E+00	1.3E-07	1.4E-07	1.3E-07	2.8E-08	4.2E-07
329	458802.27, 3756182.92	244.47928	0.0068372	2.4E-06	7.1E-06	4.1E-06	3.8E-06	1.7E-06	0.0E+00	1.3E-07	1.5E-07	1.4E-07	2.9E-08	4.5E-07
330	458802.27, 3756212.92	214.20837	0.00599063	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	0.0E+00	1.2E-07	1.3E-07	1.2E-07	2.6E-08	3.9E-07
331	458832.27, 3755792.92	6.76753	0.00018926	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	0.0E+00	3.7E-09	4.1E-09	3.7E-09	8.2E-10	1.2E-08
332	458832.27, 3755822.92	7.89907	0.00022091	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	0.0E+00	4.3E-09	4.8E-09	4.4E-09	9.5E-10	1.4E-08
333	458832.27, 3755852.92	9.35922	0.00026174	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	0.0E+00	5.1E-09	5.7E-09	5.2E-09	1.1E-09	1.7E-08
334	458832.27, 3755882.92	11.28513	0.0003156	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.9E-09	6.2E-09	1.4E-09	2.1E-08
335	458832.27, 3755912.92	13.90114	0.00038876	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.7E-08	0.0E+00	7.5E-09	8.5E-09	7.7E-09	1.7E-09	2.5E-08
336	458832.27, 3755942.92	17.60866	0.00049245	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	0.0E+00	9.6E-09	1.1E-08	9.7E-09	2.1E-09	3.2E-08
337	458832.27, 3755972.92	23.0841	0.00064558	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
338	458832.27, 3756002.92	31.56502	0.00088276	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.8E-08
339	458832.27, 3756032.92	45.49455	0.00127232	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.3E-08
340	458832.27, 3756062.92	70.09782	0.00196038	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	0.0E+00	3.8E-08	4.3E-08	3.9E-08	8.4E-09	1.3E-07
341	458832.27, 3756092.92	115.99323	0.00324391	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	0.0E+00	6.3E-08	7.1E-08	6.4E-08	1.4E-08	2.1E-07
342	458832.27, 3756122.92	203.03216	0.00567807	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.7E-07
343	458832.27, 3756152.92	346.86505	0.00970055	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	0.0E+00	1.9E-07	2.1E-07	1.9E-07	4.2E-08	6.3E-07
344	458832.27, 3756182.92	454.74987	0.0127177	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	0.0E+00	2.5E-07	2.8E-07	2.5E-07	5.5E-08	8.3E-07
345	458862.27, 3755792.92	6.20633	0.00017357	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.3E-08	0.0E+00	3.4E-09	3.8E-09	3.4E-09	7.5E-10	1.1E-08
346	458862.27, 3755822.92	7.19863	0.00020132	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	0.0E+00	3.9E-09	4.4E-09	4.0E-09	8.7E-10	1.3E-08
347	458862.27, 3755852.92	8.46738	0.0002368	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.5E-08
348	458862.27, 3755882.92	10.12733	0.00028322	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.8E-08
349	458862.27, 3755912.92	12.35223	0.00034545	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.3E-08
350	458862.27, 3755942.92	15.44061	0.00043182	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.4E-09	9.4E-09	8.5E-09	1.9E-09	2.8E-08
351	458862.27, 3755972.92	19.94147	0.00055769	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
352	458862.27, 3756002.92	26.84554	0.00075077	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	0.0E+00	1.5E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
353	458862.27, 3756032.92	38.18262	0.00106783	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	0.0E+00	2.1E-08	2.3E-08	2.1E-08	4.6E-09	7.0E-08
354	458862.27, 3756062.92	58.75078	0.00164305	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	0.0E+00	3.2E-08	3.6E-08	3.2E-08	7.1E-09	1.1E-07
355	458862.27, 3756092.92	100.87947	0.00282123	9.8E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	0.0E+00	5.5E-08	6.1E-08	5.6E-08	1.2E-08	1.8E-07
356	458862.27, 3756122.92	199.87787	0.00558986	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	0.0E+00	1.1E-07	1.2E-07	1.1E-07	2.4E-08	3.6E-07
357	458862.27, 3756152.92	465.1428	0.01300835	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	0.0E+00	2.5E-07	2.8E-07	2.6E-07	5.6E-08	8.5E-07
358	458892.27, 3755792.92	5.6546	0.00015814	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	0.0E+00	3.1E-09	3.4E-09	3.1E-09	6.8E-10	1.0E-08
359	458892.27, 3755822.92	6.51704	0.00018226	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	0.0E+00	3.5E-09	4.0E-09	3.6E-09	7.8E-10	1.2E-08
360	458892.27, 3755852.92	7.60589	0.00021271	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	0.0E+00	4.1E-09	4.6E-09	4.2E-09	9.2E-10	1.4E-08
361	458892.27, 3755882.92	9.01552	0.00025213	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	0.0E+00	4.9E-09	5.5E-09	5.0E-09	1.1E-09	1.6E-08
362	458892.27, 3755912.92	10.88205	0.00030433	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	0.0E+00	5.9E-09	6.6E-09	6.0E-09	1.3E-09	2.0E-08
363	458892.27, 3755942.92	13.42591	0.00037547	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	0.0E+00	7.3E-09	8.2E-09	7.4E-09	1.6E-09	2.4E-08
364	458892.27, 3755972.92	17.04185	0.0004766	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.2E-09	1.0E-08	9.4E-09	2.1E-09	3.1E-08
365	458892.27, 3756002.92	22.44619	0.00062774	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	0.0E+00	1.2E-08	1.4E-08	1.2E-08	2.7E-09	4.1E-08
366	458892.27, 3756032.92	31.07437	0.00086904	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.7E-08
367	458892.27, 3756062.92	46.20171	0.00129209	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	0.0E+00	2.5E-08	2.8E-08	2.6E-08	5.6E-09	8.4E-08
368	458892.27, 3756092.92	76.46362	0.00213841	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	4.1E-08	4.7E-08	4.2E-08	9.2E-09	1.4E-07
369	458922.27, 3755792.92	5.16075	0.00014433	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	0.0E+00	2.8E-09	3.1E-09	2.8E-09	6.2E-10	9.4E-09
370	458922.27, 3755822.92	5.91407	0.0001654	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.1E-08	0.0E+00	3.2E-09	3.6E-09	3.3E-09	7.1E-10	1.1E-08
371	458922.27, 3755852.92	6.85641	0.00019175	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	0.0E+00	3.7E-09	4.2E-09	3.8E-09	8.3E-10	1.3E-08
372	458922.27, 3755882.92	8.05986	0.0002254	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	0.0E+00	4.4E-09	4.9E-09	4.5E-09	9.7E-10	1.5E-08
373	458922.27, 3755912.92	9.63659	0.0002695	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	0.0E+00	5.2E-09	5.9E-09	5.3E-09	1.2E-09	1.8E-08
374	458922.27, 3755942.92	11.75601	0.00032877	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.1E-08
375	458922.27, 3755972.92	14.70194	0.00041116	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
376	458922.27, 3756002.92	18.99751	0.00053129	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.0E-08	2.3E-09	3.5E-08
377	458922.27, 3756032.92	25.62312	0.00071659	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.7E-08
378	458922.27, 3756062.92	36.6867	0.00102599	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.7E-08
379	458952.27, 3755792.92	4.78323	0.00013377	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	0.0E+00	2.6E-09	2.9E-09	2.6E-09	5.8E-10	8.7E-09
380	458952.27, 3755822.92	5.46529	0.00015284	5.3E-08	1.6E-07	9.2E-08	8.4E-08	3.8E-08	0.0E+00	3.0E-09	3.3E-09	3.0E-09	6.6E-10	1.0E-08
381	458952.27, 3755852.92	6.3141	0.00017658	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	0.0E+00	3.4E-09	3.8E-09	3.5E-09	7.6E-10	1.2E-08
382	458952.27, 3755882.92	7.3924	0.00020674	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.9E-10	1.3E-08
383	458952.27, 3755912.92	8.7972	0.00024603	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.2E-08	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
384	458952.27, 3755942.92	10.67382	0.00029851	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	1.9E-08
385	458952.27, 3755972.92	13.26387	0.00037094	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
386	458952.27, 3756002.92	16.99055	0.00047516	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.2E-09	1.0E-08	9.4E-09	2.0E-09	3.1E-08

387	458982.27, 3755792.92	4.55096	0.00012727	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	0.0E+00	2.5E-09	2.8E-09	2.5E-09	5.5E-10	8.3E-09
388	458982.27, 3755822.92	5.20031	0.00014543	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	0.0E+00	2.8E-09	3.2E-09	2.9E-09	6.3E-10	9.5E-09
389	458982.27, 3755852.92	6.0104	0.00016809	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	0.0E+00	3.3E-09	3.7E-09	3.3E-09	7.2E-10	1.1E-08
390	458982.27, 3755882.92	7.03831	0.00019684	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
391	458982.27, 3755912.92	8.37489	0.00023422	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	0.0E+00	4.5E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
392	458982.27, 3755942.92	10.15498	0.000284	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
393	458982.27, 3755972.92	12.59652	0.00035228	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	0.0E+00	6.8E-09	7.7E-09	7.0E-09	1.5E-09	2.3E-08
394	459012.27, 3755792.92	4.44594	0.00012434	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	0.0E+00	2.4E-09	2.7E-09	2.5E-09	5.4E-10	8.1E-09
395	459012.27, 3755822.92	5.08741	0.00014228	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	0.0E+00	2.8E-09	3.1E-09	2.8E-09	6.1E-10	9.3E-09
396	459012.27, 3755852.92	5.88632	0.00016462	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	0.0E+00	3.2E-09	3.6E-09	3.3E-09	7.1E-10	1.1E-08
397	459012.27, 3755882.92	6.89637	0.00019287	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	0.0E+00	3.7E-09	4.2E-09	3.8E-09	8.3E-10	1.3E-08
398	459012.27, 3755912.92	8.19792	0.00022927	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.9E-10	1.5E-08
399	459042.27, 3755792.92	4.41644	0.00012351	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.1E-09
400	459042.27, 3755822.92	5.05183	0.00014128	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	0.0E+00	2.7E-09	3.1E-09	2.8E-09	6.1E-10	9.2E-09
401	459042.27, 3755852.92	5.83632	0.00016322	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	0.0E+00	3.2E-09	3.6E-09	3.2E-09	7.0E-10	1.1E-08
402	459042.27, 3755882.92	6.81803	0.00019068	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	0.0E+00	3.7E-09	4.2E-09	3.8E-09	8.2E-10	1.2E-08
403	459072.27, 3755792.92	4.40456	0.00012318	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.0E-09
404	459072.27, 3755822.92	5.02329	0.00014048	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	0.0E+00	2.7E-09	3.1E-09	2.8E-09	6.0E-10	9.2E-09
405	459102.27, 3755792.92	4.37414	0.00012233	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	0.0E+00	2.4E-09	2.7E-09	2.4E-09	5.3E-10	8.0E-09
406	458632.68, 3756291.16	31.29966	0.00087534	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
407	458632.68, 3756321.16	27.59173	0.00077164	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
408	458632.68, 3756351.16	24.38932	0.00068208	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
409	458632.68, 3756381.16	21.49875	0.00060124	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	3.9E-08
410	458662.68, 3756291.16	36.63447	0.00102453	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.7E-08
411	458662.68, 3756321.16	31.78968	0.00088904	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.8E-08	3.8E-09	5.8E-08
412	458662.68, 3756351.16	27.60925	0.00077213	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
413	458662.68, 3756381.16	23.81153	0.00066592	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.3E-08
414	458662.68, 3756411.16	20.35976	0.00056939	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
415	458662.68, 3756441.16	17.35323	0.00048531	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	0.0E+00	9.4E-09	1.1E-08	9.6E-09	2.1E-09	3.2E-08
416	458662.68, 3756471.16	14.82301	0.00041455	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.2E-09	1.8E-09	2.7E-08
417	458662.68, 3756501.16	12.72488	0.00035587	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	0.0E+00	6.9E-09	7.8E-09	7.0E-09	1.5E-09	2.3E-08
418	458662.68, 3756531.16	10.98714	0.00030727	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	0.0E+00	6.0E-09	6.7E-09	6.1E-09	1.3E-09	2.0E-08
419	458692.68, 3756291.16	43.45005	0.00121514	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	0.0E+00	2.4E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
420	458692.68, 3756321.16	36.92334	0.00103261	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.7E-08
421	458692.68, 3756351.16	31.26321	0.00087432	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.8E-09	5.7E-08
422	458692.68, 3756381.16	26.21461	0.00073313	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.2E-09	4.8E-08
423	458692.68, 3756411.16	21.86618	0.00061152	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
424	458692.68, 3756441.16	18.28005	0.00051123	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	9.9E-09	1.1E-08	1.0E-08	2.2E-09	3.3E-08
425	458692.68, 3756471.16	15.37406	0.00042996	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.3E-09	9.4E-09	8.5E-09	1.9E-09	2.8E-08
426	458692.68, 3756501.16	13.02792	0.00036434	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	0.0E+00	7.1E-09	7.9E-09	7.2E-09	1.6E-09	2.4E-08
427	458692.68, 3756531.16	11.13355	0.00031136	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	0.0E+00	6.0E-09	6.8E-09	6.1E-09	1.3E-09	2.0E-08
428	458722.68, 3756291.16	52.35459	0.00146417	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.3E-09	9.6E-08
429	458722.68, 3756321.16	43.15898	0.001207	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.9E-08
430	458722.68, 3756351.16	35.25104	0.00098584	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.4E-08
431	458722.68, 3756381.16	28.5764	0.00079918	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	0.0E+00	1.6E-08	1.7E-08	1.6E-08	3.4E-09	5.2E-08
432	458722.68, 3756411.16	23.21394	0.00064921	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
433	458722.68, 3756441.16	19.011	0.00053167	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.0E-08	2.3E-09	3.5E-08
434	458722.68, 3756471.16	15.73631	0.00044009	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.5E-09	9.6E-09	8.7E-09	1.9E-09	2.9E-08
435	458722.68, 3756501.16	13.18343	0.00036869	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	0.0E+00	7.2E-09	8.0E-09	7.3E-09	1.6E-09	2.4E-08
436	458722.68, 3756531.16	11.18784	0.00031288	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.3E-09	2.0E-08
437	458752.68, 3756291.16	64.06206	0.00179158	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	0.0E+00	3.5E-08	3.9E-08	3.5E-08	7.7E-09	1.2E-07
438	458752.68, 3756321.16	50.39619	0.0014094	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	0.0E+00	2.7E-08	3.1E-08	2.8E-08	6.1E-09	9.2E-08
439	458752.68, 3756351.16	39.26042	0.00109797	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.7E-09	7.2E-08
440	458752.68, 3756381.16	30.65177	0.00085722	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.6E-08
441	458752.68, 3756411.16	24.21755	0.00067728	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
442	458752.68, 3756441.16	19.44477	0.0005438	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
443	458752.68, 3756471.16	15.89437	0.00044451	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.6E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
444	458752.68, 3756501.16	13.23392	0.0003701	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
445	458752.68, 3756531.16	11.21089	0.00031353	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.4E-09	2.0E-08
446	458782.68, 3756291.16	79.08676	0.00221177	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	0.0E+00	4.3E-08	4.8E-08	4.4E-08	9.5E-09	1.4E-07
447	458782.68, 3756321.16	58.04501	0.00162331	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	0.0E+00	3.2E-08	3.5E-08	3.2E-08	7.0E-09	1.1E-07
448	458782.68, 3756351.16	42.73183	0.00119505	4.1E-07	1.2E-06	7.2E-07	6.6E-07	3.0E-07	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.1E-09	7.8E-08
449	458782.68, 3756381.16	32.08536	0.00089731	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	0.0E+00	1.7E-08	2.0E-08	1.8E-08	3.9E-09	5.9E-08
450	458782.68, 3756411.16	24.73582	0.00069177	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
451	458782.68, 3756441.16	19.60483	0.00054828	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
452	458782.68, 3756471.16	15.95108	0.00044609	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.7E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
453	458782.68, 3756501.16	13.27871	0.00037136	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	0.0E+00	7.2E-09	8.1E-09	7.3E-09	1.6E-09	2.4E-08
454	458782.68, 3756531.16	11.26621	0.00031507	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.9E-09	6.2E-09	1.4E-09	2.1E-08
455	458812.68, 3756291.16	96.5071	0.00269895	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	0.0E+00	5.2E-08	5.9E-08	5.3E-08	1.2E-08	1.8E-07
456	458812.68, 3756321.16	64.57889	0.00180604	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	0.0E+00	3.5E-08	3.9E-08	3.6E-08	7.8E-09	1.2E-07
457	458812.68, 3756351.16	44.88407	0.00125524	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	0.0E+00	2.4E-08	2.7E-08	2.5E-08	5.4E-09	8.2E-08
458	458812.68, 3756381.16	32.70011	0.0009145	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	6.0E-08
459	458812.68, 3756411.16	24.90328	0.00069645	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
460	458812.68, 3756441.16	19.68682	0.00055057	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
461	458812.68, 3756471.16	16.03101	0.00044833	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	0.0E+00	8.7E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
462	458812.68, 3756501.16	13.35912	0.00037361	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.4E-08	0.0E+00	7.2E-09	8.1E-09	7.4E-09	1.6E-09	2.4E-08
463	458812.68, 3756531.16	11.33556	0.00031701	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.2E-09	6.9E-09	6.3E-09	1.4E-09	2.1E-08
464	458842.68, 3756291.16	111.47251	0.00311748	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	0.0E+00	6.0E-08	6.8E-08	6.2E-08	1.3E-08	2.0E-07
465	458842.68, 3756321.16	68.04	0.00190283	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	0.0E+00	3.7E-08	4.1E-08	3.8E-08	8.2E-09	1.2E-07

466	458842.68, 3756351.16	45.60122	0.0012753	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.3E-08
467	458842.68, 3756381.16	32.88187	0.00091959	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.0E-08
468	458842.68, 3756411.16	25.00498	0.0006993	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.0E-09	4.6E-08
469	458842.68, 3756441.16	19.7712	0.00055293	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
470	458842.68, 3756471.16	16.08048	0.00044971	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	0.0E+00	8.7E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
471	458842.68, 3756501.16	13.37342	0.00037401	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	0.0E+00	7.3E-09	8.1E-09	7.4E-09	1.6E-09	2.4E-08
472	458842.68, 3756531.16	11.31958	0.00031657	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.9E-09	6.3E-09	1.4E-09	2.1E-08
473	458872.68, 3756291.16	117.4738	0.00328531	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	0.0E+00	6.4E-08	7.2E-08	6.5E-08	1.4E-08	2.1E-07
474	458872.68, 3756321.16	68.6628	0.00192025	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.3E-09	1.3E-07
475	458872.68, 3756351.16	45.62174	0.00127587	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.5E-09	8.3E-08
476	458872.68, 3756381.16	32.80988	0.00091757	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.0E-08
477	458872.68, 3756411.16	24.88954	0.00069607	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.0E-09	4.5E-08
478	458872.68, 3756441.16	19.62289	0.00054878	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.4E-09	3.6E-08
479	458872.68, 3756471.16	15.90711	0.00044486	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.6E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
480	458872.68, 3756501.16	13.19799	0.0003691	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	0.0E+00	7.2E-09	8.0E-09	7.3E-09	1.6E-09	2.4E-08
481	458872.68, 3756531.16	11.1507	0.00031184	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.3E-09	2.0E-08
482	458902.68, 3756291.16	113.74071	0.00318091	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	0.0E+00	6.2E-08	6.9E-08	6.3E-08	1.4E-08	2.1E-07
483	458902.68, 3756321.16	66.41636	0.00185742	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	0.0E+00	3.6E-08	4.0E-08	3.7E-08	8.0E-09	1.2E-07
484	458902.68, 3756351.16	44.16959	0.00123526	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	0.0E+00	2.4E-08	2.7E-08	2.4E-08	5.3E-09	8.1E-08
485	458902.68, 3756381.16	31.78951	0.00088904	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.8E-08	3.8E-09	5.8E-08
486	458902.68, 3756411.16	24.12953	0.00067482	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
487	458902.68, 3756441.16	19.02881	0.00053217	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
488	458902.68, 3756471.16	15.44298	0.00043188	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.4E-09	9.4E-09	8.5E-09	1.9E-09	2.8E-08
489	458902.68, 3756501.16	12.82332	0.00035862	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	0.0E+00	7.0E-09	7.8E-09	7.1E-09	1.5E-09	2.3E-08
490	458902.68, 3756531.16	10.8432	0.00030324	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	0.0E+00	5.9E-09	6.6E-09	6.0E-09	1.3E-09	2.0E-08
491	458932.68, 3756291.16	100.14776	0.00280077	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	0.0E+00	5.4E-08	6.1E-08	5.5E-08	1.2E-08	1.8E-07
492	458932.68, 3756321.16	59.62591	0.00166752	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	0.0E+00	3.2E-08	3.6E-08	3.3E-08	7.2E-09	1.1E-07
493	458932.68, 3756351.16	40.37338	0.0011291	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	0.0E+00	2.2E-08	2.5E-08	2.2E-08	4.9E-09	7.4E-08
494	458932.68, 3756381.16	29.48681	0.00082464	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.6E-09	5.4E-08
495	458932.68, 3756411.16	22.64014	0.00063316	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	0.0E+00	1.2E-08	1.4E-08	1.3E-08	2.7E-09	4.1E-08
496	458932.68, 3756441.16	18.01369	0.00050378	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	0.0E+00	9.8E-09	1.1E-08	9.9E-09	2.2E-09	3.3E-08
497	458932.68, 3756471.16	14.72493	0.0004118	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
498	458932.68, 3756501.16	12.29011	0.00034371	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	0.0E+00	6.7E-09	7.5E-09	6.8E-09	1.5E-09	2.2E-08
499	458932.68, 3756531.16	10.43647	0.00029187	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	0.0E+00	5.7E-09	6.4E-09	5.8E-09	1.3E-09	1.9E-08
500	458962.68, 3756291.16	90.58507	0.00253333	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	0.0E+00	4.9E-08	5.5E-08	5.0E-08	1.1E-08	1.7E-07
501	458962.68, 3756321.16	53.8149	0.00150501	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.8E-08
502	458962.68, 3756351.16	36.41283	0.00101833	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.6E-08
503	458962.68, 3756381.16	26.75697	0.0007483	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	0.0E+00	1.5E-08	1.6E-08	1.5E-08	3.2E-09	4.9E-08
504	458962.68, 3756411.16	20.75114	0.00058033	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	0.0E+00	1.1E-08	1.3E-08	1.1E-08	2.5E-09	3.8E-08
505	458962.68, 3756441.16	16.69893	0.00046701	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	0.0E+00	9.1E-09	1.0E-08	9.2E-09	2.0E-09	3.0E-08
506	458962.68, 3756471.16	13.79062	0.00038567	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	0.0E+00	7.5E-09	8.4E-09	7.6E-09	1.7E-09	2.5E-08
507	458962.68, 3756501.16	11.61152	0.00032473	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	0.0E+00	6.3E-09	7.1E-09	6.4E-09	1.4E-09	2.1E-08
508	458962.68, 3756531.16	9.93178	0.00027776	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	0.0E+00	5.4E-09	6.1E-09	5.5E-09	1.2E-09	1.8E-08
509	458992.68, 3756291.16	82.95828	0.00232004	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	0.0E+00	4.5E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
510	458992.68, 3756321.16	50.9548	0.00142502	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.1E-09	9.3E-08
511	458992.68, 3756351.16	34.49964	0.00096483	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.3E-08
512	458992.68, 3756381.16	25.06615	0.00070101	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.0E-09	4.6E-08
513	458992.68, 3756411.16	19.26112	0.00053866	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	0.0E+00	1.0E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
514	458992.68, 3756441.16	15.4603	0.00043237	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.4E-09	9.4E-09	8.5E-09	1.9E-09	2.8E-08
515	458992.68, 3756471.16	12.81174	0.0003583	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	0.0E+00	7.0E-09	7.8E-09	7.1E-09	1.5E-09	2.3E-08
516	458992.68, 3756501.16	10.85322	0.00030353	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	0.0E+00	5.9E-09	6.6E-09	6.0E-09	1.3E-09	2.0E-08
517	458992.68, 3756531.16	9.34304	0.00026129	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	0.0E+00	5.1E-09	5.7E-09	5.2E-09	1.1E-09	1.7E-08
518	459022.68, 3756291.16	74.29089	0.00207765	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	0.0E+00	4.0E-08	4.5E-08	4.1E-08	8.9E-09	1.4E-07
519	459022.68, 3756321.16	47.24279	0.00132121	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	0.0E+00	2.6E-08	2.9E-08	2.6E-08	5.7E-09	8.6E-08
520	459022.68, 3756351.16	33.11861	0.00092621	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	4.0E-09	6.0E-08
521	459022.68, 3756381.16	24.34705	0.0006809	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
522	459022.68, 3756411.16	18.59914	0.00052015	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
523	459022.68, 3756441.16	14.75269	0.00041258	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	0.0E+00	8.0E-09	9.0E-09	8.1E-09	1.8E-09	2.7E-08
524	459022.68, 3756471.16	12.10977	0.00033867	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
525	459022.68, 3756501.16	10.2108	0.00028556	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
526	459022.68, 3756531.16	8.78372	0.00024565	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
527	459052.68, 3756291.16	67.42276	0.00188557	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	0.0E+00	3.7E-08	4.1E-08	3.7E-08	8.1E-09	1.2E-07
528	459052.68, 3756321.16	42.88711	0.0011994	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	0.0E+00	2.3E-08	2.6E-08	2.4E-08	5.2E-09	7.8E-08
529	459052.68, 3756351.16	30.93455	0.00086513	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.7E-08	3.7E-09	5.6E-08
530	459052.68, 3756381.16	23.42755	0.00065518	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.3E-08
531	459052.68, 3756411.16	18.21025	0.00050927	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	9.9E-09	1.1E-08	1.0E-08	2.2E-09	3.3E-08
532	459052.68, 3756441.16	14.48252	0.00040502	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	0.0E+00	7.9E-09	8.8E-09	8.0E-09	1.7E-09	2.6E-08
533	459052.68, 3756471.16	11.79857	0.00032996	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.3E-08	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.2E-08
534	459052.68, 3756501.16	9.84908	0.00027544	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	0.0E+00	5.3E-09	6.0E-09	5.4E-09	1.2E-09	1.8E-08
535	459052.68, 3756531.16	8.40059	0.00023493	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	0.0E+00	4.6E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
536	459082.68, 3756291.16	62.06128	0.00173563	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.3E-07	0.0E+00	3.4E-08	3.8E-08	3.4E-08	7.5E-09	1.1E-07
537	459082.68, 3756321.16	39.03922	0.00109178	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.7E-09	7.1E-08
538	459082.68, 3756351.16	28.33012	0.00079229	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	0.0E+00	1.5E-08	1.7E-08	1.6E-08	3.4E-09	5.2E-08
539	459082.68, 3756381.16	21.97411	0.00061454	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
540	459082.68, 3756411.16	17.52487	0.00049011	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	0.0E+00	9.5E-09	1.1E-08	9.7E-09	2.1E-09	3.2E-08
541	459082.68, 3756441.16	14.19375	0.00039695	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	0.0E+00	7.7E-09	8.6E-09	7.8E-09	1.7E-09	2.6E-08
542	459082.68, 3756471.16	11.65234	0.00032587	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	0.0E+00	6.3E-09	7.1E-09	6.4E-09	1.4E-09	2.1E-08
543	459082.68, 3756501.16	9.71523	0.0002717	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	0.0E+00	5.3E-09	5.9E-09	5.4E-09	1.2E-09	1.8E-08
544	459082.68, 3756531.16	8.20485	0.00022946	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	0.0E+00	4.5E-09	5.0E-09	4.5E-09	9.9E-10	1.5E-08

545	459112.68, 3756291.16	55.9223	0.00156394	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	0.0E+00	3.0E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
546	459112.68, 3756321.16	35.12249	0.00098225	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.4E-08
547	459112.68, 3756351.16	25.47727	0.00071251	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.6E-08	1.4E-08	3.1E-09	4.6E-08
548	459112.68, 3756381.16	20.35746	0.00056932	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
549	459112.68, 3756411.16	16.54291	0.00046264	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	0.0E+00	9.0E-09	1.0E-08	9.1E-09	2.0E-09	3.0E-08
550	459112.68, 3756441.16	13.65873	0.00038198	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	0.0E+00	7.4E-09	8.3E-09	7.5E-09	1.6E-09	2.5E-08
551	459112.68, 3756471.16	11.39811	0.00031876	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	0.0E+00	6.2E-09	6.9E-09	6.3E-09	1.4E-09	2.1E-08
552	459112.68, 3756501.16	9.57883	0.00026789	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	0.0E+00	5.2E-09	5.8E-09	5.3E-09	1.2E-09	1.7E-08
553	459112.68, 3756531.16	8.12609	0.00022726	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.8E-10	1.5E-08
554	459142.68, 3756291.16	51.87893	0.00145086	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	0.0E+00	2.8E-08	3.2E-08	2.9E-08	6.2E-09	9.5E-08
555	459142.68, 3756321.16	32.48608	0.00090852	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	0.0E+00	1.8E-08	2.0E-08	1.8E-08	3.9E-09	5.9E-08
556	459142.68, 3756351.16	23.31981	0.00065217	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.3E-08
557	459142.68, 3756381.16	18.56825	0.00051929	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
558	459142.68, 3756411.16	15.35623	0.00042946	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	0.0E+00	8.3E-09	9.4E-09	8.5E-09	1.8E-09	2.8E-08
559	459142.68, 3756441.16	12.94428	0.000362	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	0.0E+00	7.0E-09	7.9E-09	7.1E-09	1.6E-09	2.4E-08
560	459142.68, 3756471.16	10.91683	0.0003053	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	0.0E+00	5.9E-09	6.7E-09	6.0E-09	1.3E-09	2.0E-08
561	459142.68, 3756501.16	9.3381	0.00026115	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	0.0E+00	5.1E-09	5.7E-09	5.2E-09	1.1E-09	1.7E-08
562	459142.68, 3756531.16	8.00621	0.0002239	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	0.0E+00	4.3E-09	4.9E-09	4.4E-09	9.6E-10	1.5E-08
563	459172.68, 3756291.16	48.18775	0.00134764	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	0.0E+00	2.6E-08	2.9E-08	2.7E-08	5.8E-09	8.8E-08
564	459172.68, 3756321.16	30.22281	0.00084522	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	0.0E+00	1.6E-08	1.8E-08	1.7E-08	3.6E-09	5.5E-08
565	459172.68, 3756351.16	21.66777	0.00060597	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
566	459172.68, 3756381.16	17.14109	0.00047937	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	0.0E+00	9.3E-09	1.0E-08	9.5E-09	2.1E-09	3.1E-08
567	459172.68, 3756411.16	14.27116	0.00039911	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	0.0E+00	7.7E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
568	459172.68, 3756441.16	12.10033	0.0003384	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	0.0E+00	6.6E-09	7.4E-09	6.7E-09	1.5E-09	2.2E-08
569	459172.68, 3756471.16	10.36138	0.00028977	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	0.0E+00	5.6E-09	6.3E-09	5.7E-09	1.2E-09	1.9E-08
570	459172.68, 3756501.16	8.96498	0.00025072	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	0.0E+00	4.9E-09	5.5E-09	5.0E-09	1.1E-09	1.6E-08
571	459172.68, 3756531.16	7.78292	0.00021766	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	0.0E+00	4.2E-09	4.7E-09	4.3E-09	9.4E-10	1.4E-08
572	459202.68, 3756291.16	45.17892	0.00126349	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	0.0E+00	2.5E-08	2.8E-08	2.5E-08	5.4E-09	8.2E-08
573	459202.68, 3756321.16	28.44273	0.00079544	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	0.0E+00	1.5E-08	1.7E-08	1.6E-08	3.4E-09	5.2E-08
574	459202.68, 3756351.16	20.39213	0.00057029	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.5E-09	3.7E-08
575	459202.68, 3756381.16	16.09021	0.00044998	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	0.0E+00	8.7E-09	9.8E-09	8.9E-09	1.9E-09	2.9E-08
576	459202.68, 3756411.16	13.39274	0.00037455	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	0.0E+00	7.3E-09	8.2E-09	7.4E-09	1.6E-09	2.4E-08
577	459202.68, 3756441.16	11.3934	0.00031863	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	0.0E+00	6.2E-09	6.9E-09	6.3E-09	1.4E-09	2.1E-08
578	459202.68, 3756471.16	9.81401	0.00027446	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	0.0E+00	5.3E-09	6.0E-09	5.4E-09	1.2E-09	1.8E-08
579	459202.68, 3756501.16	8.54326	0.00023892	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	0.0E+00	4.6E-09	5.2E-09	4.7E-09	1.0E-09	1.6E-08
580	459202.68, 3756531.16	7.49741	0.00020968	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.2E-08	0.0E+00	4.1E-09	4.6E-09	4.1E-09	9.0E-10	1.4E-08
581	459232.68, 3756291.16	42.2923	0.00118276	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	0.0E+00	2.3E-08	2.6E-08	2.3E-08	5.1E-09	7.7E-08
582	459232.68, 3756321.16	27.37214	0.0007655	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	0.0E+00	1.5E-08	1.7E-08	1.5E-08	3.3E-09	5.0E-08
583	459232.68, 3756351.16	19.40287	0.00054263	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	0.0E+00	1.1E-08	1.2E-08	1.1E-08	2.3E-09	3.5E-08
584	459232.68, 3756381.16	15.14984	0.00042369	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	0.0E+00	8.2E-09	9.2E-09	8.4E-09	1.8E-09	2.8E-08
585	459232.68, 3756411.16	12.56353	0.00035136	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	0.0E+00	6.8E-09	7.7E-09	6.9E-09	1.5E-09	2.3E-08
586	459232.68, 3756441.16	10.73913	0.00030033	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	0.0E+00	5.8E-09	6.5E-09	5.9E-09	1.3E-09	2.0E-08
587	459232.68, 3756471.16	9.30408	0.0002602	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	0.0E+00	5.0E-09	5.7E-09	5.1E-09	1.1E-09	1.7E-08
588	459232.68, 3756501.16	8.13778	0.00022758	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	0.0E+00	4.4E-09	5.0E-09	4.5E-09	9.8E-10	1.5E-08
589	459232.68, 3756531.16	7.18284	0.00020088	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	0.0E+00	3.9E-09	4.4E-09	4.0E-09	8.7E-10	1.3E-08
590	459262.68, 3756291.16	39.33383	0.00110002	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.7E-09	7.2E-08
591	459262.68, 3756321.16	26.46129	0.00074003	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	0.0E+00	1.4E-08	1.6E-08	1.5E-08	3.2E-09	4.8E-08
592	459262.68, 3756351.16	18.52685	0.00051813	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	0.0E+00	1.0E-08	1.1E-08	1.0E-08	2.2E-09	3.4E-08
593	459262.68, 3756381.16	14.23714	0.00039816	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	0.0E+00	7.7E-09	8.7E-09	7.9E-09	1.7E-09	2.6E-08
594	459262.68, 3756411.16	11.77201	0.00032922	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	0.0E+00	6.4E-09	7.2E-09	6.5E-09	1.4E-09	2.1E-08
595	459262.68, 3756441.16	10.13225	0.00028336	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.8E-08
596	459262.68, 3756471.16	8.83475	0.00024708	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	0.0E+00	4.8E-09	5.4E-09	4.9E-09	1.1E-09	1.6E-08
597	459262.68, 3756501.16	7.75087	0.00021676	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	0.0E+00	4.2E-09	4.7E-09	4.3E-09	9.3E-10	1.4E-08
598	459262.68, 3756531.16	6.86087	0.00019187	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	0.0E+00	3.7E-09	4.2E-09	3.8E-09	8.3E-10	1.3E-08
599	459292.68, 3756291.16	36.80041	0.00102917	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	0.0E+00	2.0E-08	2.2E-08	2.0E-08	4.4E-09	6.7E-08
600	459292.68, 3756321.16	25.43731	0.00071139	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	0.0E+00	1.4E-08	1.5E-08	1.4E-08	3.1E-09	4.6E-08
601	459292.68, 3756351.16	17.9246	0.00050129	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	0.0E+00	9.7E-09	1.1E-08	9.9E-09	2.2E-09	3.3E-08
602	459292.68, 3756381.16	13.6644	0.00038214	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	0.0E+00	7.4E-09	8.3E-09	7.5E-09	1.6E-09	2.5E-08
603	459292.68, 3756411.16	11.23141	0.0003141	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	0.0E+00	6.1E-09	6.8E-09	6.2E-09	1.4E-09	2.0E-08
604	459292.68, 3756441.16	9.61781	0.00026898	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	0.0E+00	5.2E-09	5.9E-09	5.3E-09	1.2E-09	1.8E-08
605	459292.68, 3756471.16	8.40193	0.00023497	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	0.0E+00	4.6E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
606	459292.68, 3756501.16	7.39667	0.00020686	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.9E-10	1.3E-08
607	459292.68, 3756531.16	6.55242	0.00018325	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	0.0E+00	3.6E-09	4.0E-09	3.6E-09	7.9E-10	1.2E-08
608	459322.68, 3756291.16	34.45953	0.00096371	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	0.0E+00	1.9E-08	2.1E-08	1.9E-08	4.2E-09	6.3E-08
609	459322.68, 3756321.16	24.35107	0.00068101	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	0.0E+00	1.3E-08	1.5E-08	1.3E-08	2.9E-09	4.4E-08
610	459322.68, 3756351.16	17.3182	0.00048433	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	0.0E+00	9.4E-09	1.1E-08	9.6E-09	2.1E-09	3.2E-08
611	459322.68, 3756381.16	13.18871	0.00036884	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	0.0E+00	7.2E-09	8.0E-09	7.3E-09	1.6E-09	2.4E-08
612	459322.68, 3756411.16	10.77413	0.00030131	1.0E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	0.0E+00	5.8E-09	6.6E-09	5.9E-09	1.3E-09	2.0E-08
613	459322.68, 3756441.16	9.16875	0.00025642	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	0.0E+00	5.0E-09	5.6E-09	5.1E-09	1.1E-09	1.7E-08
614	459322.68, 3756471.16	8.01558	0.00022417	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	0.0E+00	4.3E-09	4.9E-09	4.4E-09	9.7E-10	1.5E-08
615	459322.68, 3756501.16	7.07341	0.00019782	6.8E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	0.0E+00	3.8E-09	4.3E-09	3.9E-09	8.5E-10	1.3E-08
616	459322.68, 3756531.16	6.26045	0.00017508	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	0.0E+00	3.4E-09	3.8E-09	3.5E-09	7.5E-10	1.1E-08
617	459352.68, 3756291.16	31.98198	0.00089442	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	0.0E+00	1.7E-08	1.9E-08	1.8E-08	3.9E-09	5.8E-08
618	459352.68, 3756321.16	23.09068	0.00064576	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	0.0E+00	1.3E-08	1.4E-08	1.3E-08	2.8E-09	4.2E-08
619	459352.68, 3756351.16	16.50728	0.00046165	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	0.0E+00	9.0E-09	1.0E-08	9.1E-09	2.0E-09	3.0E-08
620	459352.68, 3756381.16	12.50616	0.00034975	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	0.0E+00	6.8E-09	7.6E-09	6.9E-09	1.5E-09	2.3E-08
621	459352.68, 3756411.16	10.22211	0.00028588	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	0.0E+00	5.5E-09	6.2E-09	5.6E-09	1.2E-09	1.9E-08
622	459352.68, 3756441.16	8.7474	0.00024463	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	0.0E+00	4.7E-09	5.3E-09	4.8E-09	1.1E-09	1.6E-08
623	459352.68, 3756471.16	7.67176	0.00021455	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	0.0E+00	4.2E-09	4.7E-09	4.2E-09	9.2E-10	1.4E-08

624	459352.68, 3756501.16	6.77375	0.00018944	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	0.0E+00	3.7E-09	4.1E-09	3.7E-09	8.2E-10	1.2E-08
625	459352.68, 3756531.16	5.99075	0.00016754	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	0.0E+00	3.3E-09	3.6E-09	3.3E-09	7.2E-10	1.1E-08
626	459382.68, 3756291.16	29.65739	0.00082941	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	0.0E+00	1.6E-08	1.8E-08	1.6E-08	3.6E-09	5.4E-08
627	459382.68, 3756321.16	21.84002	0.00061079	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	0.0E+00	1.2E-08	1.3E-08	1.2E-08	2.6E-09	4.0E-08
628	459382.68, 3756351.16	15.86651	0.00044373	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	0.0E+00	8.6E-09	9.7E-09	8.8E-09	1.9E-09	2.9E-08
629	459382.68, 3756381.16	12.03543	0.00033659	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	0.0E+00	6.5E-09	7.3E-09	6.6E-09	1.4E-09	2.2E-08
630	459382.68, 3756411.16	9.77867	0.00027347	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	0.0E+00	5.3E-09	6.0E-09	5.4E-09	1.2E-09	1.8E-08
631	459382.68, 3756441.16	8.37458	0.00023421	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	0.0E+00	4.5E-09	5.1E-09	4.6E-09	1.0E-09	1.5E-08
632	459382.68, 3756471.16	7.35114	0.00020558	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	0.0E+00	4.0E-09	4.5E-09	4.1E-09	8.9E-10	1.3E-08
633	459382.68, 3756501.16	6.48953	0.00018149	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.5E-08	0.0E+00	3.5E-09	4.0E-09	3.6E-09	7.8E-10	1.2E-08
634	459382.68, 3756531.16	5.74376	0.00016063	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	0.0E+00	3.1E-09	3.5E-09	3.2E-09	6.9E-10	1.0E-08
635	458633.73, 3756194.08	41.22388	0.00115288	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	0.0E+00	2.2E-08	2.5E-08	2.3E-08	5.0E-09	7.5E-08
636	458633.73, 3756224.08	39.31486	0.00109949	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	0.0E+00	2.1E-08	2.4E-08	2.2E-08	4.7E-09	7.2E-08
637	458663.73, 3756164.08	53.58364	0.00149854	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	0.0E+00	2.9E-08	3.3E-08	3.0E-08	6.5E-09	9.8E-08
638	458663.73, 3756194.08	50.6922	0.00141768	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	0.0E+00	2.8E-08	3.1E-08	2.8E-08	6.1E-09	9.2E-08
639	458663.73, 3756224.08	47.87541	0.0013389	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	0.0E+00	2.6E-08	2.9E-08	2.6E-08	5.8E-09	8.7E-08
640	458693.73, 3756164.08	68.3302	0.00191095	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	0.0E+00	3.7E-08	4.2E-08	3.8E-08	8.2E-09	1.2E-07
641	458693.73, 3756194.08	64.14409	0.00179388	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	0.0E+00	3.5E-08	3.9E-08	3.5E-08	7.7E-09	1.2E-07
642	458693.73, 3756224.08	59.8166	0.00167285	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	0.0E+00	3.2E-08	3.6E-08	3.3E-08	7.2E-09	1.1E-07
643	458723.73, 3756194.08	84.23374	0.00235571	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	0.0E+00	4.6E-08	5.1E-08	4.7E-08	1.0E-08	1.5E-07
644	458723.73, 3756224.08	77.24732	0.00216033	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	0.0E+00	4.2E-08	4.7E-08	4.3E-08	9.3E-09	1.4E-07
645	458753.73, 3756224.08	104.31559	0.00291733	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	0.0E+00	5.7E-08	6.4E-08	5.8E-08	1.3E-08	1.9E-07
646	458783.73, 3756224.08	150.09105	0.0041975	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	0.0E+00	8.1E-08	9.1E-08	8.3E-08	1.8E-08	2.7E-07

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**
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 3/31/2026
** File: C:\Lakes\AERMOD View\Arlington\Const\Const.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Arlington Construction
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2492442
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Const.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction
** PREFIX
** Length of Side = 8.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 16
** 458939.193, 3756179.958, 230.39, 0.00, 3.72
** 458938.813, 3756223.082, 231.08, 0.00, 3.72
** 458928.433, 3756223.311, 230.92, 0.00, 3.72
** 458929.759, 3756181.622, 230.40, 0.00, 3.72
** 458917.021, 3756181.565, 230.30, 0.00, 3.72
** 458916.664, 3756224.012, 230.83, 0.00, 3.72
** 458905.434, 3756224.165, 230.69, 0.00, 3.72
** 458907.497, 3756182.865, 230.27, 0.00, 3.72
** 458895.771, 3756183.352, 230.09, 0.00, 3.72
** 458892.777, 3756224.273, 230.50, 0.00, 3.72
** 458879.248, 3756224.335, 230.34, 0.00, 3.72
** 458887.492, 3756184.407, 230.07, 0.00, 3.72
** 458876.448, 3756184.517, 229.85, 0.00, 3.72
** 458852.932, 3756226.041, 230.12, 0.00, 3.72
** 458866.241, 3756226.221, 230.13, 0.00, 3.72
** 458871.647, 3756205.571, 229.89, 0.00, 3.72
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   LOCATION L0000101     VOLUME   458939.158 3756183.958 230.36
   LOCATION L0000102     VOLUME   458939.087 3756191.958 230.50
   LOCATION L0000103     VOLUME   458939.016 3756199.958 230.64
   LOCATION L0000104     VOLUME   458938.946 3756207.957 230.78
   LOCATION L0000105     VOLUME   458938.875 3756215.957 230.92
   LOCATION L0000106     VOLUME   458937.938 3756223.101 231.03
   LOCATION L0000107     VOLUME   458929.940 3756223.278 230.95
   LOCATION L0000108     VOLUME   458928.639 3756216.822 230.84
   LOCATION L0000109     VOLUME   458928.893 3756208.826 230.72
   LOCATION L0000110     VOLUME   458929.148 3756200.831 230.60
   LOCATION L0000111     VOLUME   458929.402 3756192.835 230.48
   LOCATION L0000112     VOLUME   458929.657 3756184.839 230.34
   LOCATION L0000113     VOLUME   458924.977 3756181.601 230.26
   LOCATION L0000114     VOLUME   458917.020 3756181.609 230.23
   LOCATION L0000115     VOLUME   458916.953 3756189.608 230.37
   LOCATION L0000116     VOLUME   458916.886 3756197.608 230.49
   LOCATION L0000117     VOLUME   458916.819 3756205.608 230.59
   LOCATION L0000118     VOLUME   458916.752 3756213.608 230.70
   LOCATION L0000119     VOLUME   458916.685 3756221.607 230.80
   LOCATION L0000120     VOLUME   458911.070 3756224.089 230.75
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   LOCATION L0000121     VOLUME   458905.552 3756221.805 230.66
   LOCATION L0000122     VOLUME   458905.951 3756213.815 230.57
   LOCATION L0000123     VOLUME   458906.350 3756205.825 230.48
   LOCATION L0000124     VOLUME   458906.749 3756197.835 230.39
   LOCATION L0000125     VOLUME   458907.149 3756189.845 230.28
   LOCATION L0000126     VOLUME   458906.487 3756182.907 230.15
   LOCATION L0000127     VOLUME   458898.494 3756183.239 230.08
   LOCATION L0000128     VOLUME   458895.386 3756188.613 230.14
   LOCATION L0000129     VOLUME   458894.802 3756196.591 230.25
   LOCATION L0000130     VOLUME   458894.218 3756204.570 230.33
   LOCATION L0000131     VOLUME   458893.635 3756212.549 230.41
   LOCATION L0000132     VOLUME   458893.051 3756220.527 230.48
   LOCATION L0000133     VOLUME   458888.533 3756224.293 230.46
   LOCATION L0000134     VOLUME   458880.533 3756224.329 230.34
   LOCATION L0000135     VOLUME   458880.606 3756217.758 230.26
   LOCATION L0000136     VOLUME   458882.224 3756209.923 230.19
   LOCATION L0000137     VOLUME   458883.841 3756202.088 230.12
   LOCATION L0000138     VOLUME   458885.459 3756194.254 230.06
   LOCATION L0000139     VOLUME   458887.076 3756186.419 229.97
   LOCATION L0000140     VOLUME   458881.546 3756184.466 229.83
   LOCATION L0000141     VOLUME   458875.018 3756187.042 229.74
   LOCATION L0000142     VOLUME   458871.076 3756194.003 229.76
   LOCATION L0000143     VOLUME   458867.133 3756200.964 229.78
   LOCATION L0000144     VOLUME   458863.191 3756207.925 229.83
   LOCATION L0000145     VOLUME   458859.249 3756214.886 229.90
   LOCATION L0000146     VOLUME   458855.307 3756221.848 229.97
   LOCATION L0000147     VOLUME   458856.112 3756226.084 230.03
   LOCATION L0000148     VOLUME   458864.111 3756226.192 230.13
   LOCATION L0000149     VOLUME   458867.727 3756220.541 230.10
   LOCATION L0000150     VOLUME   458869.753 3756212.802 230.02
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Haul
** PREFIX
** Length of Side = 12.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 5.10
** SZINIT = 2.37
** Nodes = 2
** 458840.152, 3756244.333, 230.00, 2.55, 5.58
** 459841.194, 3756249.855, 238.44, 2.55, 5.58
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   LOCATION L0000151     VOLUME   458846.152 3756244.366 230.04
   LOCATION L0000152     VOLUME   458858.151 3756244.432 230.18
   LOCATION L0000153     VOLUME   458870.151 3756244.498 230.33
   LOCATION L0000154     VOLUME   458882.151 3756244.564 230.50
   LOCATION L0000155     VOLUME   458894.151 3756244.630 230.67
   LOCATION L0000156     VOLUME   458906.151 3756244.697 230.84
   LOCATION L0000157     VOLUME   458918.150 3756244.763 231.02
   LOCATION L0000158     VOLUME   458930.150 3756244.829 231.13
   LOCATION L0000159     VOLUME   458942.150 3756244.895 231.25
   LOCATION L0000160     VOLUME   458954.150 3756244.961 231.36
   LOCATION L0000161     VOLUME   458966.150 3756245.028 231.46
   LOCATION L0000162     VOLUME   458978.150 3756245.094 231.55
   LOCATION L0000163     VOLUME   458990.149 3756245.160 231.63
   LOCATION L0000164     VOLUME   459002.149 3756245.226 231.79
   LOCATION L0000165     VOLUME   459014.149 3756245.292 232.00
   LOCATION L0000166     VOLUME   459026.149 3756245.359 232.20
   LOCATION L0000167     VOLUME   459038.149 3756245.425 232.40
   LOCATION L0000168     VOLUME   459050.148 3756245.491 232.60
   LOCATION L0000169     VOLUME   459062.148 3756245.557 232.77
   LOCATION L0000170     VOLUME   459074.148 3756245.623 232.98
   LOCATION L0000171     VOLUME   459086.148 3756245.690 233.33
   LOCATION L0000172     VOLUME   459098.148 3756245.756 233.66
   LOCATION L0000173     VOLUME   459110.148 3756245.822 233.83
   LOCATION L0000174     VOLUME   459122.147 3756245.888 234.00
   LOCATION L0000175     VOLUME   459134.147 3756245.954 234.10
   LOCATION L0000176     VOLUME   459146.147 3756246.021 234.20
   LOCATION L0000177     VOLUME   459158.147 3756246.087 234.26
   LOCATION L0000178     VOLUME   459170.147 3756246.153 234.32
   LOCATION L0000179     VOLUME   459182.146 3756246.219 234.31
   LOCATION L0000180     VOLUME   459194.146 3756246.285 234.28
   LOCATION L0000181     VOLUME   459206.146 3756246.352 234.34
   LOCATION L0000182     VOLUME   459218.146 3756246.418 234.46
   LOCATION L0000183     VOLUME   459230.146 3756246.484 234.67
   LOCATION L0000184     VOLUME   459242.146 3756246.550 235.01
   LOCATION L0000185     VOLUME   459254.145 3756246.616 235.30
   LOCATION L0000186     VOLUME   459266.145 3756246.683 235.41
   LOCATION L0000187     VOLUME   459278.145 3756246.749 235.53
   LOCATION L0000188     VOLUME   459290.145 3756246.815 235.64
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   LOCATION L0000189     VOLUME   459302.145 3756246.881 235.76
   LOCATION L0000190     VOLUME   459314.144 3756246.947 235.96
   LOCATION L0000191     VOLUME   459326.144 3756247.013 236.16
   LOCATION L0000192     VOLUME   459338.144 3756247.080 236.46
   LOCATION L0000193     VOLUME   459350.144 3756247.146 236.78
   LOCATION L0000194     VOLUME   459362.144 3756247.212 237.10
   LOCATION L0000195     VOLUME   459374.144 3756247.278 237.43
   LOCATION L0000196     VOLUME   459386.143 3756247.344 237.77
   LOCATION L0000197     VOLUME   459398.143 3756247.411 238.13
   LOCATION L0000198     VOLUME   459410.143 3756247.477 238.45
   LOCATION L0000199     VOLUME   459422.143 3756247.543 238.72
   LOCATION L0000200     VOLUME   459434.143 3756247.609 239.01
   LOCATION L0000201     VOLUME   459446.142 3756247.675 239.35
   LOCATION L0000202     VOLUME   459458.142 3756247.742 239.70
   LOCATION L0000203     VOLUME   459470.142 3756247.808 240.07
   LOCATION L0000204     VOLUME   459482.142 3756247.874 240.44
   LOCATION L0000205     VOLUME   459494.142 3756247.940 240.69
   LOCATION L0000206     VOLUME   459506.142 3756248.006 240.93
   LOCATION L0000207     VOLUME   459518.141 3756248.073 241.15
   LOCATION L0000208     VOLUME   459530.141 3756248.139 241.37
   LOCATION L0000209     VOLUME   459542.141 3756248.205 241.48
   LOCATION L0000210     VOLUME   459554.141 3756248.271 241.56
   LOCATION L0000211     VOLUME   459566.141 3756248.337 241.73
   LOCATION L0000212     VOLUME   459578.140 3756248.404 241.98
   LOCATION L0000213     VOLUME   459590.140 3756248.470 242.31
   LOCATION L0000214     VOLUME   459602.140 3756248.536 242.73
   LOCATION L0000215     VOLUME   459614.140 3756248.602 243.05
   LOCATION L0000216     VOLUME   459626.140 3756248.668 243.08
   LOCATION L0000217     VOLUME   459638.140 3756248.735 243.11
   LOCATION L0000218     VOLUME   459650.139 3756248.801 243.06
   LOCATION L0000219     VOLUME   459662.139 3756248.867 243.01
   LOCATION L0000220     VOLUME   459674.139 3756248.933 242.61
   LOCATION L0000221     VOLUME   459686.139 3756248.999 242.22
   LOCATION L0000222     VOLUME   459698.139 3756249.066 241.92
   LOCATION L0000223     VOLUME   459710.138 3756249.132 241.63
   LOCATION L0000224     VOLUME   459722.138 3756249.198 241.47
   LOCATION L0000225     VOLUME   459734.138 3756249.264 241.35
   LOCATION L0000226     VOLUME   459746.138 3756249.330 241.20
   LOCATION L0000227     VOLUME   459758.138 3756249.397 241.04
   LOCATION L0000228     VOLUME   459770.138 3756249.463 240.86
   LOCATION L0000229     VOLUME   459782.137 3756249.529 240.64
   LOCATION L0000230     VOLUME   459794.137 3756249.595 240.34
   LOCATION L0000231     VOLUME   459806.137 3756249.661 239.84
   LOCATION L0000232     VOLUME   459818.137 3756249.728 239.35
   LOCATION L0000233     VOLUME   459830.137 3756249.794 238.88
** End of LINE VOLUME Source ID = SLINE2
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000101          0.02      0.00      3.72      3.56
   SRCPARAM L0000102          0.02      0.00      3.72      3.56
   SRCPARAM L0000103          0.02      0.00      3.72      3.56
   SRCPARAM L0000104          0.02      0.00      3.72      3.56
   SRCPARAM L0000105          0.02      0.00      3.72      3.56
   SRCPARAM L0000106          0.02      0.00      3.72      3.56
   SRCPARAM L0000107          0.02      0.00      3.72      3.56
   SRCPARAM L0000108          0.02      0.00      3.72      3.56
   SRCPARAM L0000109          0.02      0.00      3.72      3.56
   SRCPARAM L0000110          0.02      0.00      3.72      3.56
   SRCPARAM L0000111          0.02      0.00      3.72      3.56
   SRCPARAM L0000112          0.02      0.00      3.72      3.56
   SRCPARAM L0000113          0.02      0.00      3.72      3.56
   SRCPARAM L0000114          0.02      0.00      3.72      3.56
   SRCPARAM L0000115          0.02      0.00      3.72      3.56
   SRCPARAM L0000116          0.02      0.00      3.72      3.56
   SRCPARAM L0000117          0.02      0.00      3.72      3.56
   SRCPARAM L0000118          0.02      0.00      3.72      3.56
   SRCPARAM L0000119          0.02      0.00      3.72      3.56
   SRCPARAM L0000120          0.02      0.00      3.72      3.56
   SRCPARAM L0000121          0.02      0.00      3.72      3.56
   SRCPARAM L0000122          0.02      0.00      3.72      3.56
   SRCPARAM L0000123          0.02      0.00      3.72      3.56
   SRCPARAM L0000124          0.02      0.00      3.72      3.56
   SRCPARAM L0000125          0.02      0.00      3.72      3.56
   SRCPARAM L0000126          0.02      0.00      3.72      3.56
   SRCPARAM L0000127          0.02      0.00      3.72      3.56
   SRCPARAM L0000128          0.02      0.00      3.72      3.56
   SRCPARAM L0000129          0.02      0.00      3.72      3.56
   SRCPARAM L0000130          0.02      0.00      3.72      3.56
   SRCPARAM L0000131          0.02      0.00      3.72      3.56
   SRCPARAM L0000132          0.02      0.00      3.72      3.56
   SRCPARAM L0000133          0.02      0.00      3.72      3.56
   SRCPARAM L0000134          0.02      0.00      3.72      3.56
   SRCPARAM L0000135          0.02      0.00      3.72      3.56
```

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   SRCPARAM L0000136          0.02      0.00      3.72      3.56
   SRCPARAM L0000137          0.02      0.00      3.72      3.56
   SRCPARAM L0000138          0.02      0.00      3.72      3.56
   SRCPARAM L0000139          0.02      0.00      3.72      3.56
   SRCPARAM L0000140          0.02      0.00      3.72      3.56
   SRCPARAM L0000141          0.02      0.00      3.72      3.56
   SRCPARAM L0000142          0.02      0.00      3.72      3.56
   SRCPARAM L0000143          0.02      0.00      3.72      3.56
   SRCPARAM L0000144          0.02      0.00      3.72      3.56
   SRCPARAM L0000145          0.02      0.00      3.72      3.56
   SRCPARAM L0000146          0.02      0.00      3.72      3.56
   SRCPARAM L0000147          0.02      0.00      3.72      3.56
   SRCPARAM L0000148          0.02      0.00      3.72      3.56
   SRCPARAM L0000149          0.02      0.00      3.72      3.56
   SRCPARAM L0000150          0.02      0.00      3.72      3.56
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000151     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000152     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000153     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000154     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000155     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000156     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000157     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000158     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000159     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000160     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000161     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000162     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000163     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000164     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000165     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000166     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000167     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000168     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000169     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000170     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000171     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000172     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000173     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000174     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000175     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000176     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000177     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000178     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000179     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000180     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000181     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000182     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000183     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000184     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000185     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000186     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000187     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000188     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000189     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000190     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000191     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000192     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000193     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000194     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000195     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000196     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000197     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000198     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000199     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000200     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000201     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000202     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000203     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000204     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000205     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000206     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000207     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000208     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000209     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000210     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000211     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000212     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000213     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000214     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000215     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000216     0.0120481928      2.55      5.58      2.37
```

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   SRCPARAM L0000217     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000218     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000219     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000220     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000221     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000222     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000223     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000224     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000225     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000226     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000227     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000228     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000229     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000230     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000231     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000232     0.0120481928      2.55      5.58      2.37
   SRCPARAM L0000233     0.0120481928      2.55      5.58      2.37
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000101     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000101     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000102     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000102     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000103     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000103     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000104     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000105     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000106     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000107     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000107     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000108     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000108     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000109     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000110     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000110     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000111     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000111     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000112     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000113     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000114     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000115     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000116     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000117     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000118     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000119     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000120     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000121     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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EMISFACT L0000123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000124     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000125     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000126     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000127     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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EMISFACT L0000129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000129     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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EMISFACT L0000130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000130     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000131     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000132     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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EMISFACT L0000133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000133     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000134     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000135     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000136     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
```

```
    EMISFACT L0000136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000137     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000138     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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   SRCGROUP OnSite   L0000107 L0000108 L0000109 L0000110 L0000111 L0000112
   SRCGROUP OnSite   L0000113 L0000114 L0000115 L0000116 L0000117 L0000118
   SRCGROUP OnSite   L0000119 L0000120 L0000121 L0000122 L0000123 L0000124
   SRCGROUP OnSite   L0000125 L0000126 L0000127 L0000128 L0000129 L0000130
   SRCGROUP OnSite   L0000131 L0000132 L0000133 L0000134 L0000135 L0000136
   SRCGROUP OnSite   L0000137 L0000138 L0000139 L0000140 L0000141 L0000142
   SRCGROUP OnSite   L0000143 L0000144 L0000145 L0000146 L0000147 L0000148
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   SRCGROUP OffSite  L0000229 L0000230 L0000231 L0000232 L0000233
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED Const.rou
RE FINISHED
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** AERMOD Meteorology Pathway
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**
**
ME STARTING
   SURFFILE kral_sfc_pfl\KRAL_V11_trimmed.sfc
   PROFFILE kral_sfc_pfl\KRAL_V11_trimmed.PFL
   SURFDATA 3171 2019
   UAIRDATA 3190 2019
   PROFBASE 256.22 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST Const.AD\01H1GALL.PLT 31
   PLOTFILE 1 OnSite 1ST Const.AD\01H1G001.PLT 32
   PLOTFILE 1 OffSite 1ST Const.AD\01H1G002.PLT 33
   PLOTFILE PERIOD ALL Const.AD\PE00GALL.PLT 34
   PLOTFILE PERIOD OnSite Const.AD\PE00G001.PLT 35
   PLOTFILE PERIOD OffSite Const.AD\PE00G002.PLT 36
   SUMMFILE Const.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    2003       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2003       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

↟ *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                    ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                          ***        17:47:55
                                                                                                                          PAGE   1
 *** 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   133 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2492442.0 ;  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: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
```

and Calculates PERIOD Averages

**This Run Includes: 133 Source(s); 3 Source Group(s); and 646 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 133 VOLUME source(s)
and: 0 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: 22112

**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) = 256.22 ; 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 = 3.8 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: Const.err
**File for Summary of Results: Const.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000101	0	0.20000E-01	458939.2	3756184.0	230.4	0.00	3.72	3.56	YES	HRDOW	NO
L0000102	0	0.20000E-01	458939.1	3756192.0	230.5	0.00	3.72	3.56	YES	HRDOW	NO
L0000103	0	0.20000E-01	458939.0	3756200.0	230.6	0.00	3.72	3.56	YES	HRDOW	NO
L0000104	0	0.20000E-01	458938.9	3756208.0	230.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000105	0	0.20000E-01	458938.9	3756216.0	230.9	0.00	3.72	3.56	YES	HRDOW	NO
L0000106	0	0.20000E-01	458937.9	3756223.1	231.0	0.00	3.72	3.56	YES	HRDOW	NO
L0000107	0	0.20000E-01	458929.9	3756223.3	231.0	0.00	3.72	3.56	YES	HRDOW	NO
L0000108	0	0.20000E-01	458928.6	3756216.8	230.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000109	0	0.20000E-01	458928.9	3756208.8	230.7	0.00	3.72	3.56	YES	HRDOW	NO
L0000110	0	0.20000E-01	458929.1	3756200.8	230.6	0.00	3.72	3.56	YES	HRDOW	NO
L0000111	0	0.20000E-01	458929.4	3756192.8	230.5	0.00	3.72	3.56	YES	HRDOW	NO
L0000112	0	0.20000E-01	458929.7	3756184.8	230.3	0.00	3.72	3.56	YES	HRDOW	NO
L0000113	0	0.20000E-01	458925.0	3756181.6	230.3	0.00	3.72	3.56	YES	HRDOW	NO
L0000114	0	0.20000E-01	458917.0	3756181.6	230.2	0.00	3.72	3.56	YES	HRDOW	NO
L0000115	0	0.20000E-01	458917.0	3756189.6	230.4	0.00	3.72	3.56	YES	HRDOW	NO
L0000116	0	0.20000E-01	458916.9	3756197.6	230.5	0.00	3.72	3.56	YES	HRDOW	NO
L0000117	0	0.20000E-01	458916.8	3756205.6	230.6	0.00	3.72	3.56	YES	HRDOW	NO
L0000118	0	0.20000E-01	458916.8	3756213.6	230.7	0.00	3.72	3.56	YES	HRDOW	NO
L0000119	0	0.20000E-01	458916.7	3756221.6	230.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000120	0	0.20000E-01	458911.1	3756224.1	230.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000121	0	0.20000E-01	458905.6	3756221.8	230.7	0.00	3.72	3.56	YES	HRDOW	NO
L0000122	0	0.20000E-01	458906.0	3756213.8	230.6	0.00	3.72	3.56	YES	HRDOW	NO
L0000123	0	0.20000E-01	458906.3	3756205.8	230.5	0.00	3.72	3.56	YES	HRDOW	NO
L0000124	0	0.20000E-01	458906.7	3756197.8	230.4	0.00	3.72	3.56	YES	HRDOW	NO
L0000125	0	0.20000E-01	458907.1	3756189.8	230.3	0.00	3.72	3.56	YES	HRDOW	NO
L0000126	0	0.20000E-01	458906.5	3756182.9	230.2	0.00	3.72	3.56	YES	HRDOW	NO
L0000127	0	0.20000E-01	458898.5	3756183.2	230.1	0.00	3.72	3.56	YES	HRDOW	NO
L0000128	0	0.20000E-01	458895.4	3756188.6	230.1	0.00	3.72	3.56	YES	HRDOW	NO
L0000129	0	0.20000E-01	458894.8	3756196.6	230.2	0.00	3.72	3.56	YES	HRDOW	NO
L0000130	0	0.20000E-01	458894.2	3756204.6	230.3	0.00	3.72	3.56	YES	HRDOW	NO

L0000131	0	0.20000E-01	458893.6	3756212.5	230.4	0.00	3.72	3.56	YES	HRDOW	NO
L0000132	0	0.20000E-01	458893.1	3756220.5	230.5	0.00	3.72	3.56	YES	HRDOW	NO
L0000133	0	0.20000E-01	458888.5	3756224.3	230.5	0.00	3.72	3.56	YES	HRDOW	NO
L0000134	0	0.20000E-01	458880.5	3756224.3	230.3	0.00	3.72	3.56	YES	HRDOW	NO
L0000135	0	0.20000E-01	458880.6	3756217.8	230.3	0.00	3.72	3.56	YES	HRDOW	NO
L0000136	0	0.20000E-01	458882.2	3756209.9	230.2	0.00	3.72	3.56	YES	HRDOW	NO
L0000137	0	0.20000E-01	458883.8	3756202.1	230.1	0.00	3.72	3.56	YES	HRDOW	NO
L0000138	0	0.20000E-01	458885.5	3756194.3	230.1	0.00	3.72	3.56	YES	HRDOW	NO
L0000139	0	0.20000E-01	458887.1	3756186.4	230.0	0.00	3.72	3.56	YES	HRDOW	NO
L0000140	0	0.20000E-01	458881.5	3756184.5	229.8	0.00	3.72	3.56	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000141	0	0.20000E-01	458875.0	3756187.0	229.7	0.00	3.72	3.56	YES	HRDOW	NO
L0000142	0	0.20000E-01	458871.1	3756194.0	229.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000143	0	0.20000E-01	458867.1	3756201.0	229.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000144	0	0.20000E-01	458863.2	3756207.9	229.8	0.00	3.72	3.56	YES	HRDOW	NO
L0000145	0	0.20000E-01	458859.2	3756214.9	229.9	0.00	3.72	3.56	YES	HRDOW	NO
L0000146	0	0.20000E-01	458855.3	3756221.8	230.0	0.00	3.72	3.56	YES	HRDOW	NO
L0000147	0	0.20000E-01	458856.1	3756226.1	230.0	0.00	3.72	3.56	YES	HRDOW	NO
L0000148	0	0.20000E-01	458864.1	3756226.2	230.1	0.00	3.72	3.56	YES	HRDOW	NO
L0000149	0	0.20000E-01	458867.7	3756220.5	230.1	0.00	3.72	3.56	YES	HRDOW	NO
L0000150	0	0.20000E-01	458869.8	3756212.8	230.0	0.00	3.72	3.56	YES	HRDOW	NO
L0000151	0	0.12048E-01	458846.2	3756244.4	230.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000152	0	0.12048E-01	458858.2	3756244.4	230.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000153	0	0.12048E-01	458870.2	3756244.5	230.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000154	0	0.12048E-01	458882.2	3756244.6	230.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000155	0	0.12048E-01	458894.2	3756244.6	230.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000156	0	0.12048E-01	458906.2	3756244.7	230.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000157	0	0.12048E-01	458918.1	3756244.8	231.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000158	0	0.12048E-01	458930.1	3756244.8	231.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000159	0	0.12048E-01	458942.1	3756244.9	231.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000160	0	0.12048E-01	458954.1	3756245.0	231.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000161	0	0.12048E-01	458966.1	3756245.0	231.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000162	0	0.12048E-01	458978.1	3756245.1	231.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000163	0	0.12048E-01	458990.1	3756245.2	231.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000164	0	0.12048E-01	459002.1	3756245.2	231.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000165	0	0.12048E-01	459014.1	3756245.3	232.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000166	0	0.12048E-01	459026.1	3756245.4	232.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000167	0	0.12048E-01	459038.1	3756245.4	232.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000168	0	0.12048E-01	459050.1	3756245.5	232.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000169	0	0.12048E-01	459062.1	3756245.6	232.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000170	0	0.12048E-01	459074.1	3756245.6	233.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000171	0	0.12048E-01	459086.1	3756245.7	233.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000172	0	0.12048E-01	459098.1	3756245.8	233.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000173	0	0.12048E-01	459110.1	3756245.8	233.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000174	0	0.12048E-01	459122.1	3756245.9	234.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000175	0	0.12048E-01	459134.1	3756246.0	234.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000176	0	0.12048E-01	459146.1	3756246.0	234.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000177	0	0.12048E-01	459158.1	3756246.1	234.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000178	0	0.12048E-01	459170.1	3756246.2	234.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000179	0	0.12048E-01	459182.1	3756246.2	234.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000180	0	0.12048E-01	459194.1	3756246.3	234.3	2.55	5.58	2.37	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000181	0	0.12048E-01	459206.1	3756246.4	234.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000182	0	0.12048E-01	459218.1	3756246.4	234.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000183	0	0.12048E-01	459230.1	3756246.5	234.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000184	0	0.12048E-01	459242.1	3756246.5	235.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000185	0	0.12048E-01	459254.1	3756246.6	235.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000186	0	0.12048E-01	459266.1	3756246.7	235.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000187	0	0.12048E-01	459278.1	3756246.7	235.5	2.55	5.58	2.37	YES	HRDOW	NO

L0000188	0	0.12048E-01	459290.1	3756246.8	235.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000189	0	0.12048E-01	459302.1	3756246.9	235.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000190	0	0.12048E-01	459314.1	3756246.9	236.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000191	0	0.12048E-01	459326.1	3756247.0	236.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000192	0	0.12048E-01	459338.1	3756247.1	236.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000193	0	0.12048E-01	459350.1	3756247.1	236.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000194	0	0.12048E-01	459362.1	3756247.2	237.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000195	0	0.12048E-01	459374.1	3756247.3	237.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000196	0	0.12048E-01	459386.1	3756247.3	237.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000197	0	0.12048E-01	459398.1	3756247.4	238.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000198	0	0.12048E-01	459410.1	3756247.5	238.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000199	0	0.12048E-01	459422.1	3756247.5	238.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000200	0	0.12048E-01	459434.1	3756247.6	239.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000201	0	0.12048E-01	459446.1	3756247.7	239.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000202	0	0.12048E-01	459458.1	3756247.7	239.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000203	0	0.12048E-01	459470.1	3756247.8	240.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000204	0	0.12048E-01	459482.1	3756247.9	240.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000205	0	0.12048E-01	459494.1	3756247.9	240.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000206	0	0.12048E-01	459506.1	3756248.0	240.9	2.55	5.58	2.37	YES	HRDOW	NO
L0000207	0	0.12048E-01	459518.1	3756248.1	241.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000208	0	0.12048E-01	459530.1	3756248.1	241.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000209	0	0.12048E-01	459542.1	3756248.2	241.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000210	0	0.12048E-01	459554.1	3756248.3	241.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000211	0	0.12048E-01	459566.1	3756248.3	241.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000212	0	0.12048E-01	459578.1	3756248.4	242.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000213	0	0.12048E-01	459590.1	3756248.5	242.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000214	0	0.12048E-01	459602.1	3756248.5	242.7	2.55	5.58	2.37	YES	HRDOW	NO
L0000215	0	0.12048E-01	459614.1	3756248.6	243.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000216	0	0.12048E-01	459626.1	3756248.7	243.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000217	0	0.12048E-01	459638.1	3756248.7	243.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000218	0	0.12048E-01	459650.1	3756248.8	243.1	2.55	5.58	2.37	YES	HRDOW	NO
L0000219	0	0.12048E-01	459662.1	3756248.9	243.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000220	0	0.12048E-01	459674.1	3756248.9	242.6	2.55	5.58	2.37	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000221	0	0.12048E-01	459686.1	3756249.0	242.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000222	0	0.12048E-01	459698.1	3756249.1	241.9	2.55	5.58	2.37	YES	HRDOW	NO
L0000223	0	0.12048E-01	459710.1	3756249.1	241.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000224	0	0.12048E-01	459722.1	3756249.2	241.5	2.55	5.58	2.37	YES	HRDOW	NO
L0000225	0	0.12048E-01	459734.1	3756249.3	241.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000226	0	0.12048E-01	459746.1	3756249.3	241.2	2.55	5.58	2.37	YES	HRDOW	NO
L0000227	0	0.12048E-01	459758.1	3756249.4	241.0	2.55	5.58	2.37	YES	HRDOW	NO
L0000228	0	0.12048E-01	459770.1	3756249.5	240.9	2.55	5.58	2.37	YES	HRDOW	NO
L0000229	0	0.12048E-01	459782.1	3756249.5	240.6	2.55	5.58	2.37	YES	HRDOW	NO
L0000230	0	0.12048E-01	459794.1	3756249.6	240.3	2.55	5.58	2.37	YES	HRDOW	NO
L0000231	0	0.12048E-01	459806.1	3756249.7	239.8	2.55	5.58	2.37	YES	HRDOW	NO
L0000232	0	0.12048E-01	459818.1	3756249.7	239.4	2.55	5.58	2.37	YES	HRDOW	NO
L0000233	0	0.12048E-01	459830.1	3756249.8	238.9	2.55	5.58	2.37	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ONSITE	L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 ,
	L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 ,
	L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
	L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
	L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
	L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,

L0000149 , L0000150 ,

OFFSITE L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 ,

L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 ,

L0000167 , L0000168 , L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 ,

L0000175 , L0000176 , L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 ,

L0000183 , L0000184 , L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 ,

L0000191 , L0000192 , L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 ,

L0000199 , L0000200 , L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 ,

L0000207 , L0000208 , L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 ,

L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 ,

L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 ,

L0000231 , L0000232 , L0000233 ,

ALL L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 ,

L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,

L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,

L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,

L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,

L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 ,

L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 ,

L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 , L0000172 ,

L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , L0000179 , L0000180 ,

L0000181 , L0000182 , L0000183 , L0000184 , L0000185 , L0000186 , L0000187 , L0000188 ,

L0000189 , L0000190 , L0000191 , L0000192 , L0000193 , L0000194 , L0000195 , L0000196 ,

L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 , L0000203 , L0000204 ,

L0000205 , L0000206 , L0000207 , L0000208 , L0000209 , L0000210 , L0000211 , L0000212 ,

L0000213 , L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 ,

L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 ,

L0000229 , L0000230 , L0000231 , L0000232 , L0000233 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

2492442. L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 ,
L0000108 ,

L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 ,

L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,

L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,

L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,

L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,

L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 ,

L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 ,

L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 , L0000172 ,

L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , L0000179 , L0000180 ,

L0000181 , L0000182 , L0000183 , L0000184 , L0000185 , L0000186 , L0000187 , L0000188 ,

L0000189 , L0000190 , L0000191 , L0000192 , L0000193 , L0000194 , L0000195 , L0000196 ,

L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 , L0000203 , L0000204 ,

L0000205 , L0000206 , L0000207 , L0000208 , L0000209 , L0000210 , L0000211 , L0000212 ,

L0000213 , L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 ,

L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 ,

L0000229 , L0000230 , L0000231 , L0000232 , L0000233 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000102 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000111   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000112   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000113   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000114   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 ↟ *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  23

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 ↟ *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  24

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 ↟ *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  25

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 ↟ *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  26

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000118     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  38

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000130     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  39

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000131     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  40

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000132     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  41

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000133     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
```

9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000142 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
                                    DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                     PAGE  61

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000153     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
                                    DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                     PAGE  62

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000154     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
                                    DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                     PAGE  63

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000155     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
                                    DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                    DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                     PAGE  64

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000159 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000160   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000161   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000162   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000163   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  72

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000164     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  73

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000165     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  74

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000166     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                       PAGE  75

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000167     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE  76

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000168     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE  77

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000169     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE  78

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000170     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE  79

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

SOURCE ID = L0000171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000175   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000176   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000177   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000178   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000180 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000181 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000182 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00

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  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  91

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000183     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  92

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000184     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  93

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000185     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE  94

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000186     ; SOURCE TYPE = VOLUME   :
```

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000189 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000190 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000191 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000194     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000195     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000196     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000197     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
```

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   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE 106

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000198     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE 107

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000199     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE 108

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000200     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
                                                                                                                    PAGE 109

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000201     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000205 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000208 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000209 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

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  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000213     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE 122

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000214     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE 123

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000215     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE 124

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000216     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE 125

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000217     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE 126

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000218     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
                                                                                                                      PAGE 127

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000219     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                  ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       17:47:55
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

SOURCE ID = L0000220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000227 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000228     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000229     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000230     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                       ***       17:47:55
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000231     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	458909.2,	3756133.2,	229.6,	229.6,	0.0);	(	458909.2,	3756163.2,	229.8,	229.8,	0.0);
(	458939.2,	3756103.2,	229.7,	229.7,	0.0);	(	458939.2,	3756133.2,	229.8,	229.8,	0.0);
(	458939.2,	3756163.2,	230.0,	230.0,	0.0);	(	458969.2,	3756043.2,	229.7,	229.7,	0.0);
(	458969.2,	3756073.2,	229.9,	229.9,	0.0);	(	458969.2,	3756103.2,	230.0,	230.0,	0.0);
(	458969.2,	3756133.2,	230.2,	230.2,	0.0);	(	458969.2,	3756163.2,	230.3,	230.3,	0.0);
(	458969.2,	3756193.2,	230.7,	230.7,	0.0);	(	458969.2,	3756223.2,	231.3,	231.3,	0.0);
(	458999.2,	3756013.2,	230.1,	230.1,	0.0);	(	458999.2,	3756043.2,	230.3,	230.3,	0.0);
(	458999.2,	3756073.2,	230.5,	230.5,	0.0);	(	458999.2,	3756103.2,	230.8,	230.8,	0.0);
(	458999.2,	3756133.2,	230.9,	230.9,	0.0);	(	458999.2,	3756163.2,	230.8,	230.8,	0.0);
(	458999.2,	3756193.2,	231.0,	231.0,	0.0);	(	458999.2,	3756223.2,	231.6,	231.6,	0.0);
(	459029.2,	3755953.2,	229.8,	229.8,	0.0);	(	459029.2,	3755983.2,	230.1,	230.1,	0.0);
(	459029.2,	3756013.2,	230.4,	230.4,	0.0);	(	459029.2,	3756043.2,	230.7,	230.7,	0.0);
(	459029.2,	3756073.2,	231.1,	231.1,	0.0);	(	459029.2,	3756103.2,	231.6,	231.6,	0.0);
(	459029.2,	3756133.2,	231.7,	231.7,	0.0);	(	459029.2,	3756163.2,	231.4,	231.4,	0.0);
(	459029.2,	3756193.2,	231.3,	231.3,	0.0);	(	459029.2,	3756223.2,	231.9,	231.9,	0.0);
(	459059.2,	3755923.2,	229.7,	229.7,	0.0);	(	459059.2,	3755953.2,	230.0,	230.0,	0.0);
(	459059.2,	3755983.2,	230.2,	230.2,	0.0);	(	459059.2,	3756013.2,	230.3,	230.3,	0.0);
(	459059.2,	3756043.2,	230.7,	230.7,	0.0);	(	459059.2,	3756073.2,	231.3,	231.3,	0.0);
(	459059.2,	3756103.2,	231.9,	231.9,	0.0);	(	459059.2,	3756133.2,	232.1,	232.1,	0.0);
(	459059.2,	3756163.2,	231.8,	231.8,	0.0);	(	459059.2,	3756193.2,	231.8,	231.8,	0.0);
(	459059.2,	3756223.2,	232.4,	232.4,	0.0);	(	459089.2,	3755863.2,	229.8,	229.8,	0.0);
(	459089.2,	3755893.2,	229.9,	229.9,	0.0);	(	459089.2,	3755923.2,	229.9,	229.9,	0.0);

(459089.2, 3755953.2, 230.1, 230.1, 0.0); (459089.2, 3755983.2, 230.2, 230.2, 0.0);
(459089.2, 3756013.2, 230.5, 230.5, 0.0); (459089.2, 3756043.2, 231.0, 231.0, 0.0);
(459089.2, 3756073.2, 231.4, 231.4, 0.0); (459089.2, 3756103.2, 231.5, 231.5, 0.0);
(459089.2, 3756133.2, 231.8, 231.8, 0.0); (459089.2, 3756163.2, 232.0, 232.0, 0.0);
(459089.2, 3756193.2, 232.3, 232.3, 0.0); (459089.2, 3756223.2, 232.8, 232.8, 0.0);
(459119.2, 3755833.2, 230.0, 230.0, 0.0); (459119.2, 3755863.2, 230.2, 230.2, 0.0);
(459119.2, 3755893.2, 230.2, 230.2, 0.0); (459119.2, 3755923.2, 230.4, 230.4, 0.0);
(459119.2, 3755953.2, 230.5, 230.5, 0.0); (459119.2, 3755983.2, 230.5, 230.5, 0.0);
(459119.2, 3756013.2, 231.0, 231.0, 0.0); (459119.2, 3756043.2, 231.3, 231.3, 0.0);
(459119.2, 3756073.2, 231.4, 231.4, 0.0); (459119.2, 3756103.2, 231.4, 231.4, 0.0);
(459119.2, 3756133.2, 231.7, 231.7, 0.0); (459119.2, 3756163.2, 232.1, 232.1, 0.0);
(459119.2, 3756193.2, 232.8, 232.8, 0.0); (459119.2, 3756223.2, 233.3, 233.3, 0.0);
(459149.2, 3755773.2, 230.0, 230.0, 0.0); (459149.2, 3755803.2, 230.1, 230.1, 0.0);
(459149.2, 3755833.2, 230.3, 230.3, 0.0); (459149.2, 3755863.2, 230.6, 230.6, 0.0);
(459149.2, 3755893.2, 230.7, 230.7, 0.0); (459149.2, 3755923.2, 230.9, 230.9, 0.0);
(459149.2, 3755953.2, 230.9, 230.9, 0.0); (459149.2, 3755983.2, 230.8, 230.8, 0.0);
(459149.2, 3756013.2, 230.9, 230.9, 0.0); (459149.2, 3756043.2, 231.1, 231.1, 0.0);
(459149.2, 3756073.2, 231.4, 231.4, 0.0); (459149.2, 3756103.2, 231.6, 231.6, 0.0);
(459149.2, 3756133.2, 232.1, 232.1, 0.0); (459149.2, 3756163.2, 232.2, 232.2, 0.0);
(459149.2, 3756193.2, 233.0, 233.0, 0.0); (459149.2, 3756223.2, 233.6, 233.6, 0.0);
(459179.2, 3755773.2, 230.4, 230.4, 0.0); (459179.2, 3755803.2, 230.4, 230.4, 0.0);
(459179.2, 3755833.2, 230.3, 230.3, 0.0); (459179.2, 3755863.2, 230.5, 230.5, 0.0);
(459179.2, 3755893.2, 230.7, 230.7, 0.0); (459179.2, 3755923.2, 230.8, 230.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(459179.2, 3755953.2, 230.9, 230.9, 0.0); (459179.2, 3755983.2, 230.9, 230.9, 0.0);
(459179.2, 3756013.2, 231.1, 231.1, 0.0); (459179.2, 3756043.2, 231.5, 231.5, 0.0);
(459179.2, 3756073.2, 232.0, 232.0, 0.0); (459179.2, 3756103.2, 232.1, 232.1, 0.0);
(459179.2, 3756133.2, 232.5, 232.5, 0.0); (459179.2, 3756163.2, 232.8, 232.8, 0.0);
(459179.2, 3756193.2, 233.1, 233.1, 0.0); (459179.2, 3756223.2, 233.8, 233.8, 0.0);
(459209.2, 3755803.2, 230.7, 230.7, 0.0); (459209.2, 3755833.2, 230.6, 230.6, 0.0);
(459209.2, 3755863.2, 230.7, 230.7, 0.0); (459209.2, 3755893.2, 231.3, 231.3, 0.0);
(459209.2, 3755923.2, 231.6, 231.6, 0.0); (459209.2, 3755953.2, 231.6, 231.6, 0.0);
(459209.2, 3755983.2, 231.7, 231.7, 0.0); (459209.2, 3756013.2, 231.9, 231.9, 0.0);
(459209.2, 3756043.2, 232.0, 232.0, 0.0); (459209.2, 3756073.2, 232.7, 232.7, 0.0);
(459209.2, 3756103.2, 233.0, 233.0, 0.0); (459209.2, 3756133.2, 233.2, 233.2, 0.0);
(459209.2, 3756163.2, 233.9, 233.9, 0.0); (459209.2, 3756193.2, 234.3, 234.3, 0.0);
(459209.2, 3756223.2, 234.3, 234.3, 0.0); (459239.2, 3755803.2, 231.1, 231.1, 0.0);
(459239.2, 3755833.2, 231.2, 231.2, 0.0); (459239.2, 3755863.2, 231.2, 231.2, 0.0);
(459239.2, 3755893.2, 231.8, 231.8, 0.0); (459239.2, 3755923.2, 232.6, 232.6, 0.0);
(459239.2, 3755953.2, 232.8, 232.8, 0.0); (459239.2, 3755983.2, 232.9, 232.9, 0.0);
(459239.2, 3756013.2, 232.9, 232.9, 0.0); (459239.2, 3756043.2, 233.0, 233.0, 0.0);
(459239.2, 3756073.2, 233.5, 233.5, 0.0); (459239.2, 3756103.2, 234.1, 234.1, 0.0);
(459239.2, 3756133.2, 234.4, 234.4, 0.0); (459239.2, 3756163.2, 234.9, 234.9, 0.0);
(459239.2, 3756193.2, 235.2, 235.2, 0.0); (459239.2, 3756223.2, 234.8, 234.8, 0.0);
(459269.2, 3755833.2, 231.7, 231.7, 0.0); (459269.2, 3755863.2, 231.8, 231.8, 0.0);
(459269.2, 3755893.2, 232.0, 232.0, 0.0); (459269.2, 3755923.2, 232.6, 232.6, 0.0);
(459269.2, 3755953.2, 232.9, 232.9, 0.0); (459269.2, 3755983.2, 233.1, 233.1, 0.0);
(459269.2, 3756013.2, 233.5, 233.5, 0.0); (459269.2, 3756043.2, 234.1, 234.1, 0.0);
(459269.2, 3756073.2, 234.7, 234.7, 0.0); (459269.2, 3756103.2, 235.1, 235.1, 0.0);
(459269.2, 3756133.2, 235.6, 235.6, 0.0); (459269.2, 3756163.2, 236.0, 236.0, 0.0);
(459269.2, 3756193.2, 236.1, 236.1, 0.0); (459269.2, 3756223.2, 235.5, 235.5, 0.0);
(459299.2, 3755863.2, 232.3, 232.3, 0.0); (459299.2, 3755893.2, 232.4, 232.4, 0.0);
(459299.2, 3755923.2, 232.7, 232.7, 0.0); (459299.2, 3755953.2, 233.4, 233.4, 0.0);
(459299.2, 3755983.2, 233.8, 233.8, 0.0); (459299.2, 3756013.2, 234.1, 234.1, 0.0);
(459299.2, 3756043.2, 235.0, 235.0, 0.0); (459299.2, 3756073.2, 235.9, 235.9, 0.0);
(459299.2, 3756103.2, 236.3, 236.3, 0.0); (459299.2, 3756133.2, 237.1, 237.1, 0.0);
(459299.2, 3756163.2, 237.7, 237.7, 0.0); (459299.2, 3756193.2, 237.3, 237.3, 0.0);
(459299.2, 3756223.2, 236.1, 236.1, 0.0); (459329.2, 3755863.2, 232.4, 232.4, 0.0);
(459329.2, 3755893.2, 232.8, 232.8, 0.0); (459329.2, 3755923.2, 233.3, 233.3, 0.0);
(459329.2, 3755953.2, 234.0, 234.0, 0.0); (459329.2, 3755983.2, 234.9, 234.9, 0.0);
(459329.2, 3756013.2, 235.5, 235.5, 0.0); (459329.2, 3756043.2, 235.9, 235.9, 0.0);
(459329.2, 3756073.2, 236.9, 236.9, 0.0); (459329.2, 3756103.2, 237.6, 237.6, 0.0);
(459329.2, 3756133.2, 238.3, 238.3, 0.0); (459329.2, 3756163.2, 239.0, 239.0, 0.0);
(459329.2, 3756193.2, 238.5, 238.5, 0.0); (459329.2, 3756223.2, 236.9, 236.9, 0.0);
(459359.2, 3755893.2, 233.4, 233.4, 0.0); (459359.2, 3755923.2, 233.9, 233.9, 0.0);
(459359.2, 3755953.2, 234.4, 234.4, 0.0); (459359.2, 3755983.2, 235.7, 235.7, 0.0);
(459359.2, 3756013.2, 236.9, 236.9, 0.0); (459359.2, 3756043.2, 237.3, 237.3, 0.0);
(459359.2, 3756073.2, 237.8, 237.8, 0.0); (459359.2, 3756103.2, 238.7, 238.7, 0.0);
(459359.2, 3756133.2, 239.3, 239.3, 0.0); (459359.2, 3756163.2, 240.2, 240.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(459359.2, 3756193.2,	239.9,	239.9,	0.0);	(459359.2, 3756223.2,	237.9,	237.9,	0.0);
(459389.2, 3755923.2,	234.1,	234.1,	0.0);	(459389.2, 3755953.2,	234.8,	234.8,	0.0);
(459389.2, 3755983.2,	236.0,	236.0,	0.0);	(459389.2, 3756013.2,	237.7,	237.7,	0.0);
(459389.2, 3756043.2,	238.6,	238.6,	0.0);	(459389.2, 3756073.2,	238.9,	238.9,	0.0);
(459389.2, 3756103.2,	239.8,	239.8,	0.0);	(459389.2, 3756133.2,	240.8,	240.8,	0.0);
(459389.2, 3756163.2,	241.7,	241.7,	0.0);	(459389.2, 3756193.2,	241.1,	241.1,	0.0);
(459389.2, 3756223.2,	238.8,	238.8,	0.0);	(458472.3, 3755792.9,	226.9,	226.9,	0.0);
(458472.3, 3755822.9,	226.6,	226.6,	0.0);	(458472.3, 3755852.9,	226.5,	226.5,	0.0);
(458472.3, 3755882.9,	226.9,	226.9,	0.0);	(458472.3, 3755912.9,	226.7,	226.7,	0.0);
(458472.3, 3755942.9,	226.5,	226.5,	0.0);	(458472.3, 3755972.9,	226.7,	226.7,	0.0);
(458472.3, 3756002.9,	226.8,	226.8,	0.0);	(458502.3, 3755792.9,	226.9,	226.9,	0.0);
(458502.3, 3755822.9,	226.9,	226.9,	0.0);	(458502.3, 3755852.9,	226.6,	226.6,	0.0);
(458502.3, 3755882.9,	226.8,	226.8,	0.0);	(458502.3, 3755912.9,	227.0,	227.0,	0.0);
(458502.3, 3755942.9,	226.7,	226.7,	0.0);	(458502.3, 3755972.9,	226.6,	226.6,	0.0);
(458502.3, 3756002.9,	226.8,	226.8,	0.0);	(458502.3, 3756032.9,	226.9,	226.9,	0.0);
(458532.3, 3755792.9,	226.8,	226.8,	0.0);	(458532.3, 3755822.9,	227.1,	227.1,	0.0);
(458532.3, 3755852.9,	227.0,	227.0,	0.0);	(458532.3, 3755882.9,	226.7,	226.7,	0.0);
(458532.3, 3755912.9,	226.9,	226.9,	0.0);	(458532.3, 3755942.9,	227.0,	227.0,	0.0);
(458532.3, 3755972.9,	226.7,	226.7,	0.0);	(458532.3, 3756002.9,	226.8,	226.8,	0.0);
(458532.3, 3756032.9,	227.1,	227.1,	0.0);	(458562.3, 3755792.9,	227.1,	227.1,	0.0);
(458562.3, 3755822.9,	227.0,	227.0,	0.0);	(458562.3, 3755852.9,	227.2,	227.2,	0.0);
(458562.3, 3755882.9,	226.9,	226.9,	0.0);	(458562.3, 3755912.9,	226.8,	226.8,	0.0);
(458562.3, 3755942.9,	227.1,	227.1,	0.0);	(458562.3, 3755972.9,	227.0,	227.0,	0.0);
(458562.3, 3756002.9,	226.9,	226.9,	0.0);	(458562.3, 3756032.9,	227.1,	227.1,	0.0);
(458562.3, 3756062.9,	227.3,	227.3,	0.0);	(458592.3, 3755792.9,	227.5,	227.5,	0.0);
(458592.3, 3755822.9,	227.1,	227.1,	0.0);	(458592.3, 3755852.9,	227.2,	227.2,	0.0);
(458592.3, 3755882.9,	227.0,	227.0,	0.0);	(458592.3, 3755912.9,	226.8,	226.8,	0.0);
(458592.3, 3755942.9,	227.0,	227.0,	0.0);	(458592.3, 3755972.9,	227.2,	227.2,	0.0);
(458592.3, 3756002.9,	227.1,	227.1,	0.0);	(458592.3, 3756032.9,	227.1,	227.1,	0.0);
(458592.3, 3756062.9,	227.3,	227.3,	0.0);	(458622.3, 3755792.9,	227.6,	227.6,	0.0);
(458622.3, 3755822.9,	227.2,	227.2,	0.0);	(458622.3, 3755852.9,	227.1,	227.1,	0.0);
(458622.3, 3755882.9,	227.2,	227.2,	0.0);	(458622.3, 3755912.9,	227.2,	227.2,	0.0);
(458622.3, 3755942.9,	227.0,	227.0,	0.0);	(458622.3, 3755972.9,	227.2,	227.2,	0.0);
(458622.3, 3756002.9,	227.3,	227.3,	0.0);	(458622.3, 3756032.9,	227.1,	227.1,	0.0);
(458622.3, 3756062.9,	227.2,	227.2,	0.0);	(458622.3, 3756092.9,	227.5,	227.5,	0.0);
(458652.3, 3755792.9,	227.4,	227.4,	0.0);	(458652.3, 3755822.9,	227.4,	227.4,	0.0);
(458652.3, 3755852.9,	227.3,	227.3,	0.0);	(458652.3, 3755882.9,	227.4,	227.4,	0.0);
(458652.3, 3755912.9,	227.5,	227.5,	0.0);	(458652.3, 3755942.9,	227.3,	227.3,	0.0);
(458652.3, 3755972.9,	227.1,	227.1,	0.0);	(458652.3, 3756002.9,	227.2,	227.2,	0.0);
(458652.3, 3756032.9,	227.3,	227.3,	0.0);	(458652.3, 3756062.9,	227.3,	227.3,	0.0);
(458652.3, 3756092.9,	227.5,	227.5,	0.0);	(458652.3, 3756122.9,	227.8,	227.8,	0.0);
(458682.3, 3755792.9,	227.6,	227.6,	0.0);	(458682.3, 3755822.9,	227.8,	227.8,	0.0);
(458682.3, 3755852.9,	227.7,	227.7,	0.0);	(458682.3, 3755882.9,	227.4,	227.4,	0.0);
(458682.3, 3755912.9,	227.7,	227.7,	0.0);	(458682.3, 3755942.9,	227.5,	227.5,	0.0);
(458682.3, 3755972.9,	227.4,	227.4,	0.0);	(458682.3, 3756002.9,	227.6,	227.6,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458682.3, 3756032.9,	227.7,	227.7,	0.0);	(458682.3, 3756062.9,	227.6,	227.6,	0.0);
(458682.3, 3756092.9,	227.5,	227.5,	0.0);	(458682.3, 3756122.9,	227.8,	227.8,	0.0);
(458712.3, 3755792.9,	228.0,	228.0,	0.0);	(458712.3, 3755822.9,	227.9,	227.9,	0.0);
(458712.3, 3755852.9,	227.6,	227.6,	0.0);	(458712.3, 3755882.9,	227.5,	227.5,	0.0);
(458712.3, 3755912.9,	227.8,	227.8,	0.0);	(458712.3, 3755942.9,	227.7,	227.7,	0.0);
(458712.3, 3755972.9,	227.6,	227.6,	0.0);	(458712.3, 3756002.9,	227.9,	227.9,	0.0);
(458712.3, 3756032.9,	228.0,	228.0,	0.0);	(458712.3, 3756062.9,	227.8,	227.8,	0.0);
(458712.3, 3756092.9,	227.6,	227.6,	0.0);	(458712.3, 3756122.9,	227.8,	227.8,	0.0);
(458712.3, 3756152.9,	228.4,	228.4,	0.0);	(458742.3, 3755792.9,	228.1,	228.1,	0.0);
(458742.3, 3755822.9,	228.0,	228.0,	0.0);	(458742.3, 3755852.9,	227.8,	227.8,	0.0);
(458742.3, 3755882.9,	227.6,	227.6,	0.0);	(458742.3, 3755912.9,	227.9,	227.9,	0.0);
(458742.3, 3755942.9,	228.1,	228.1,	0.0);	(458742.3, 3755972.9,	227.7,	227.7,	0.0);
(458742.3, 3756002.9,	227.8,	227.8,	0.0);	(458742.3, 3756032.9,	228.1,	228.1,	0.0);
(458742.3, 3756062.9,	228.1,	228.1,	0.0);	(458742.3, 3756092.9,	227.9,	227.9,	0.0);
(458742.3, 3756122.9,	227.8,	227.8,	0.0);	(458742.3, 3756152.9,	228.2,	228.2,	0.0);
(458742.3, 3756182.9,	228.6,	228.6,	0.0);	(458772.3, 3755792.9,	228.1,	228.1,	0.0);
(458772.3, 3755822.9,	228.2,	228.2,	0.0);	(458772.3, 3755852.9,	228.1,	228.1,	0.0);
(458772.3, 3755882.9,	227.8,	227.8,	0.0);	(458772.3, 3755912.9,	228.0,	228.0,	0.0);
(458772.3, 3755942.9,	228.2,	228.2,	0.0);	(458772.3, 3755972.9,	228.1,	228.1,	0.0);
(458772.3, 3756002.9,	227.8,	227.8,	0.0);	(458772.3, 3756032.9,	228.1,	228.1,	0.0);
(458772.3, 3756062.9,	228.3,	228.3,	0.0);	(458772.3, 3756092.9,	228.2,	228.2,	0.0);
(458772.3, 3756122.9,	228.0,	228.0,	0.0);	(458772.3, 3756152.9,	228.2,	228.2,	0.0);
(458772.3, 3756182.9,	228.7,	228.7,	0.0);	(458802.3, 3755792.9,	228.0,	228.0,	0.0);
(458802.3, 3755822.9,	228.3,	228.3,	0.0);	(458802.3, 3755852.9,	228.3,	228.3,	0.0);
(458802.3, 3755882.9,	228.0,	228.0,	0.0);	(458802.3, 3755912.9,	228.0,	228.0,	0.0);
(458802.3, 3755942.9,	228.3,	228.3,	0.0);	(458802.3, 3755972.9,	228.5,	228.5,	0.0);

(458802.3, 3756002.9, 228.1, 228.1, 0.0); (458802.3, 3756032.9, 228.0, 228.0, 0.0);
(458802.3, 3756062.9, 228.3, 228.3, 0.0); (458802.3, 3756092.9, 228.5, 228.5, 0.0);
(458802.3, 3756122.9, 228.4, 228.4, 0.0); (458802.3, 3756152.9, 228.5, 228.5, 0.0);
(458802.3, 3756182.9, 229.0, 229.0, 0.0); (458802.3, 3756212.9, 229.4, 229.4, 0.0);
(458832.3, 3755792.9, 228.2, 228.2, 0.0); (458832.3, 3755822.9, 228.2, 228.2, 0.0);
(458832.3, 3755852.9, 228.4, 228.4, 0.0); (458832.3, 3755882.9, 228.3, 228.3, 0.0);
(458832.3, 3755912.9, 228.1, 228.1, 0.0); (458832.3, 3755942.9, 228.3, 228.3, 0.0);
(458832.3, 3755972.9, 228.6, 228.6, 0.0); (458832.3, 3756002.9, 228.4, 228.4, 0.0);
(458832.3, 3756032.9, 228.1, 228.1, 0.0); (458832.3, 3756062.9, 228.3, 228.3, 0.0);
(458832.3, 3756092.9, 228.8, 228.8, 0.0); (458832.3, 3756122.9, 229.1, 229.1, 0.0);
(458832.3, 3756152.9, 229.2, 229.2, 0.0); (458832.3, 3756182.9, 229.2, 229.2, 0.0);
(458862.3, 3755792.9, 228.4, 228.4, 0.0); (458862.3, 3755822.9, 228.2, 228.2, 0.0);
(458862.3, 3755852.9, 228.3, 228.3, 0.0); (458862.3, 3755882.9, 228.5, 228.5, 0.0);
(458862.3, 3755912.9, 228.5, 228.5, 0.0); (458862.3, 3755942.9, 228.3, 228.3, 0.0);
(458862.3, 3755972.9, 228.6, 228.6, 0.0); (458862.3, 3756002.9, 228.8, 228.8, 0.0);
(458862.3, 3756032.9, 228.7, 228.7, 0.0); (458862.3, 3756062.9, 228.9, 228.9, 0.0);
(458862.3, 3756092.9, 229.4, 229.4, 0.0); (458862.3, 3756122.9, 229.5, 229.5, 0.0);
(458862.3, 3756152.9, 229.3, 229.3, 0.0); (458892.3, 3755792.9, 228.6, 228.6, 0.0);
(458892.3, 3755822.9, 228.5, 228.5, 0.0); (458892.3, 3755852.9, 228.3, 228.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458892.3, 3755882.9, 228.5, 228.5, 0.0); (458892.3, 3755912.9, 228.7, 228.7, 0.0);
(458892.3, 3755942.9, 228.7, 228.7, 0.0); (458892.3, 3755972.9, 228.8, 228.8, 0.0);
(458892.3, 3756002.9, 229.0, 229.0, 0.0); (458892.3, 3756032.9, 229.2, 229.2, 0.0);
(458892.3, 3756062.9, 229.7, 229.7, 0.0); (458892.3, 3756092.9, 229.6, 229.6, 0.0);
(458922.3, 3755792.9, 228.8, 228.8, 0.0); (458922.3, 3755822.9, 228.8, 228.8, 0.0);
(458922.3, 3755852.9, 228.5, 228.5, 0.0); (458922.3, 3755882.9, 228.5, 228.5, 0.0);
(458922.3, 3755912.9, 228.8, 228.8, 0.0); (458922.3, 3755942.9, 229.0, 229.0, 0.0);
(458922.3, 3755972.9, 228.9, 228.9, 0.0); (458922.3, 3756002.9, 229.1, 229.1, 0.0);
(458922.3, 3756032.9, 229.3, 229.3, 0.0); (458922.3, 3756062.9, 229.5, 229.5, 0.0);
(458952.3, 3755792.9, 229.0, 229.0, 0.0); (458952.3, 3755822.9, 229.1, 229.1, 0.0);
(458952.3, 3755852.9, 228.8, 228.8, 0.0); (458952.3, 3755882.9, 228.8, 228.8, 0.0);
(458952.3, 3755912.9, 229.0, 229.0, 0.0); (458952.3, 3755942.9, 229.2, 229.2, 0.0);
(458952.3, 3755972.9, 229.2, 229.2, 0.0); (458952.3, 3756002.9, 229.2, 229.2, 0.0);
(458982.3, 3755792.9, 229.1, 229.1, 0.0); (458982.3, 3755822.9, 229.2, 229.2, 0.0);
(458982.3, 3755852.9, 229.2, 229.2, 0.0); (458982.3, 3755882.9, 229.1, 229.1, 0.0);
(458982.3, 3755912.9, 229.2, 229.2, 0.0); (458982.3, 3755942.9, 229.4, 229.4, 0.0);
(458982.3, 3755972.9, 229.4, 229.4, 0.0); (459012.3, 3755792.9, 229.2, 229.2, 0.0);
(459012.3, 3755822.9, 229.2, 229.2, 0.0); (459012.3, 3755852.9, 229.5, 229.5, 0.0);
(459012.3, 3755882.9, 229.4, 229.4, 0.0); (459012.3, 3755912.9, 229.4, 229.4, 0.0);
(459042.3, 3755792.9, 229.5, 229.5, 0.0); (459042.3, 3755822.9, 229.4, 229.4, 0.0);
(459042.3, 3755852.9, 229.4, 229.4, 0.0); (459042.3, 3755882.9, 229.5, 229.5, 0.0);
(459072.3, 3755792.9, 229.7, 229.7, 0.0); (459072.3, 3755822.9, 229.6, 229.6, 0.0);
(459102.3, 3755792.9, 229.7, 229.7, 0.0); (458632.7, 3756291.2, 228.5, 228.5, 0.0);
(458632.7, 3756321.2, 228.6, 228.6, 0.0); (458632.7, 3756351.2, 228.7, 228.7, 0.0);
(458632.7, 3756381.2, 228.8, 228.8, 0.0); (458662.7, 3756291.2, 228.9, 228.9, 0.0);
(458662.7, 3756321.2, 229.0, 229.0, 0.0); (458662.7, 3756351.2, 229.2, 229.2, 0.0);
(458662.7, 3756381.2, 229.3, 229.3, 0.0); (458662.7, 3756411.2, 229.4, 229.4, 0.0);
(458662.7, 3756441.2, 229.5, 229.5, 0.0); (458662.7, 3756471.2, 229.6, 229.6, 0.0);
(458662.7, 3756501.2, 229.7, 229.7, 0.0); (458662.7, 3756531.2, 230.1, 230.1, 0.0);
(458692.7, 3756291.2, 229.1, 229.1, 0.0); (458692.7, 3756321.2, 229.3, 229.3, 0.0);
(458692.7, 3756351.2, 229.4, 229.4, 0.0); (458692.7, 3756381.2, 229.6, 229.6, 0.0);
(458692.7, 3756411.2, 229.7, 229.7, 0.0); (458692.7, 3756441.2, 230.0, 230.0, 0.0);
(458692.7, 3756471.2, 230.0, 230.0, 0.0); (458692.7, 3756501.2, 230.0, 230.0, 0.0);
(458692.7, 3756531.2, 230.4, 230.4, 0.0); (458722.7, 3756291.2, 229.4, 229.4, 0.0);
(458722.7, 3756321.2, 229.6, 229.6, 0.0); (458722.7, 3756351.2, 229.7, 229.7, 0.0);
(458722.7, 3756381.2, 229.9, 229.9, 0.0); (458722.7, 3756411.2, 230.1, 230.1, 0.0);
(458722.7, 3756441.2, 230.2, 230.2, 0.0); (458722.7, 3756471.2, 230.3, 230.3, 0.0);
(458722.7, 3756501.2, 230.2, 230.2, 0.0); (458722.7, 3756531.2, 230.6, 230.6, 0.0);
(458752.7, 3756291.2, 229.7, 229.7, 0.0); (458752.7, 3756321.2, 229.9, 229.9, 0.0);
(458752.7, 3756351.2, 230.0, 230.0, 0.0); (458752.7, 3756381.2, 230.1, 230.1, 0.0);
(458752.7, 3756411.2, 230.3, 230.3, 0.0); (458752.7, 3756441.2, 230.5, 230.5, 0.0);
(458752.7, 3756471.2, 230.6, 230.6, 0.0); (458752.7, 3756501.2, 230.5, 230.5, 0.0);
(458752.7, 3756531.2, 230.8, 230.8, 0.0); (458782.7, 3756291.2, 229.9, 229.9, 0.0);
(458782.7, 3756321.2, 230.1, 230.1, 0.0); (458782.7, 3756351.2, 230.2, 230.2, 0.0);
(458782.7, 3756381.2, 230.3, 230.3, 0.0); (458782.7, 3756411.2, 230.4, 230.4, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458782.7, 3756441.2, 230.6, 230.6, 0.0); (458782.7, 3756471.2, 230.7, 230.7, 0.0);

(458782.7, 3756501.2, 230.8, 230.8, 0.0); (458782.7, 3756531.2, 231.1, 231.1, 0.0);
(458812.7, 3756291.2, 230.0, 230.0, 0.0); (458812.7, 3756321.2, 230.1, 230.1, 0.0);
(458812.7, 3756351.2, 230.2, 230.2, 0.0); (458812.7, 3756381.2, 230.4, 230.4, 0.0);
(458812.7, 3756411.2, 230.5, 230.5, 0.0); (458812.7, 3756441.2, 230.7, 230.7, 0.0);
(458812.7, 3756471.2, 230.8, 230.8, 0.0); (458812.7, 3756501.2, 231.0, 231.0, 0.0);
(458812.7, 3756531.2, 231.3, 231.3, 0.0); (458842.7, 3756291.2, 230.3, 230.3, 0.0);
(458842.7, 3756321.2, 230.4, 230.4, 0.0); (458842.7, 3756351.2, 230.4, 230.4, 0.0);
(458842.7, 3756381.2, 230.7, 230.7, 0.0); (458842.7, 3756411.2, 230.9, 230.9, 0.0);
(458842.7, 3756441.2, 230.9, 230.9, 0.0); (458842.7, 3756471.2, 231.3, 231.3, 0.0);
(458842.7, 3756501.2, 231.5, 231.5, 0.0); (458842.7, 3756531.2, 231.8, 231.8, 0.0);
(458872.7, 3756291.2, 230.7, 230.7, 0.0); (458872.7, 3756321.2, 230.7, 230.7, 0.0);
(458872.7, 3756351.2, 230.7, 230.7, 0.0); (458872.7, 3756381.2, 231.0, 231.0, 0.0);
(458872.7, 3756411.2, 231.3, 231.3, 0.0); (458872.7, 3756441.2, 231.3, 231.3, 0.0);
(458872.7, 3756471.2, 231.9, 231.9, 0.0); (458872.7, 3756501.2, 232.0, 232.0, 0.0);
(458872.7, 3756531.2, 232.1, 232.1, 0.0); (458902.7, 3756291.2, 231.2, 231.2, 0.0);
(458902.7, 3756321.2, 231.3, 231.3, 0.0); (458902.7, 3756351.2, 231.4, 231.4, 0.0);
(458902.7, 3756381.2, 231.5, 231.5, 0.0); (458902.7, 3756411.2, 231.7, 231.7, 0.0);
(458902.7, 3756441.2, 231.8, 231.8, 0.0); (458902.7, 3756471.2, 232.0, 232.0, 0.0);
(458902.7, 3756501.2, 232.2, 232.2, 0.0); (458902.7, 3756531.2, 232.4, 232.4, 0.0);
(458932.7, 3756291.2, 231.5, 231.5, 0.0); (458932.7, 3756321.2, 231.6, 231.6, 0.0);
(458932.7, 3756351.2, 231.8, 231.8, 0.0); (458932.7, 3756381.2, 232.0, 232.0, 0.0);
(458932.7, 3756411.2, 232.1, 232.1, 0.0); (458932.7, 3756441.2, 232.2, 232.2, 0.0);
(458932.7, 3756471.2, 232.3, 232.3, 0.0); (458932.7, 3756501.2, 232.6, 232.6, 0.0);
(458932.7, 3756531.2, 232.9, 232.9, 0.0); (458962.7, 3756291.2, 231.7, 231.7, 0.0);
(458962.7, 3756321.2, 231.9, 231.9, 0.0); (458962.7, 3756351.2, 232.1, 232.1, 0.0);
(458962.7, 3756381.2, 232.5, 232.5, 0.0); (458962.7, 3756411.2, 232.8, 232.8, 0.0);
(458962.7, 3756441.2, 232.9, 232.9, 0.0); (458962.7, 3756471.2, 233.0, 233.0, 0.0);
(458962.7, 3756501.2, 233.2, 233.2, 0.0); (458962.7, 3756531.2, 233.6, 233.6, 0.0);
(458992.7, 3756291.2, 231.9, 231.9, 0.0); (458992.7, 3756321.2, 232.1, 232.1, 0.0);
(458992.7, 3756351.2, 232.4, 232.4, 0.0); (458992.7, 3756381.2, 232.7, 232.7, 0.0);
(458992.7, 3756411.2, 233.3, 233.3, 0.0); (458992.7, 3756441.2, 233.6, 233.6, 0.0);
(458992.7, 3756471.2, 233.6, 233.6, 0.0); (458992.7, 3756501.2, 233.8, 233.8, 0.0);
(458992.7, 3756531.2, 234.1, 234.1, 0.0); (459022.7, 3756291.2, 232.4, 232.4, 0.0);
(459022.7, 3756321.2, 232.4, 232.4, 0.0); (459022.7, 3756351.2, 232.6, 232.6, 0.0);
(459022.7, 3756381.2, 232.8, 232.8, 0.0); (459022.7, 3756411.2, 233.4, 233.4, 0.0);
(459022.7, 3756441.2, 233.9, 233.9, 0.0); (459022.7, 3756471.2, 234.0, 234.0, 0.0);
(459022.7, 3756501.2, 234.2, 234.2, 0.0); (459022.7, 3756531.2, 234.6, 234.6, 0.0);
(459052.7, 3756291.2, 233.1, 233.1, 0.0); (459052.7, 3756321.2, 233.2, 233.2, 0.0);
(459052.7, 3756351.2, 233.0, 233.0, 0.0); (459052.7, 3756381.2, 233.1, 233.1, 0.0);
(459052.7, 3756411.2, 233.5, 233.5, 0.0); (459052.7, 3756441.2, 233.9, 233.9, 0.0);
(459052.7, 3756471.2, 234.3, 234.3, 0.0); (459052.7, 3756501.2, 234.5, 234.5, 0.0);
(459052.7, 3756531.2, 234.9, 234.9, 0.0); (459082.7, 3756291.2, 234.1, 234.1, 0.0);
(459082.7, 3756321.2, 234.4, 234.4, 0.0); (459082.7, 3756351.2, 234.4, 234.4, 0.0);
(459082.7, 3756381.2, 233.9, 233.9, 0.0); (459082.7, 3756411.2, 233.8, 233.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(459082.7, 3756441.2, 234.1, 234.1, 0.0); (459082.7, 3756471.2, 234.5, 234.5, 0.0);
(459082.7, 3756501.2, 234.8, 234.8, 0.0); (459082.7, 3756531.2, 235.3, 235.3, 0.0);
(459112.7, 3756291.2, 235.2, 235.2, 0.0); (459112.7, 3756321.2, 235.7, 235.7, 0.0);
(459112.7, 3756351.2, 236.2, 236.2, 0.0); (459112.7, 3756381.2, 235.1, 235.1, 0.0);
(459112.7, 3756411.2, 234.4, 234.4, 0.0); (459112.7, 3756441.2, 234.5, 234.5, 0.0);
(459112.7, 3756471.2, 234.9, 234.9, 0.0); (459112.7, 3756501.2, 235.1, 235.1, 0.0);
(459112.7, 3756531.2, 235.7, 235.7, 0.0); (459142.7, 3756291.2, 235.6, 235.6, 0.0);
(459142.7, 3756321.2, 236.3, 236.3, 0.0); (459142.7, 3756351.2, 237.3, 237.3, 0.0);
(459142.7, 3756381.2, 236.5, 236.5, 0.0); (459142.7, 3756411.2, 235.5, 235.5, 0.0);
(459142.7, 3756441.2, 235.1, 235.1, 0.0); (459142.7, 3756471.2, 235.4, 235.4, 0.0);
(459142.7, 3756501.2, 235.6, 235.6, 0.0); (459142.7, 3756531.2, 236.2, 236.2, 0.0);
(459172.7, 3756291.2, 235.9, 235.9, 0.0); (459172.7, 3756321.2, 236.9, 236.9, 0.0);
(459172.7, 3756351.2, 237.8, 237.8, 0.0); (459172.7, 3756381.2, 237.8, 237.8, 0.0);
(459172.7, 3756411.2, 236.6, 236.6, 0.0); (459172.7, 3756441.2, 235.9, 235.9, 0.0);
(459172.7, 3756471.2, 235.9, 235.9, 0.0); (459172.7, 3756501.2, 236.1, 236.1, 0.0);
(459172.7, 3756531.2, 236.8, 236.8, 0.0); (459202.7, 3756291.2, 235.8, 235.8, 0.0);
(459202.7, 3756321.2, 237.2, 237.2, 0.0); (459202.7, 3756351.2, 237.9, 237.9, 0.0);
(459202.7, 3756381.2, 238.2, 238.2, 0.0); (459202.7, 3756411.2, 237.3, 237.3, 0.0);
(459202.7, 3756441.2, 236.5, 236.5, 0.0); (459202.7, 3756471.2, 236.3, 236.3, 0.0);
(459202.7, 3756501.2, 236.5, 236.5, 0.0); (459202.7, 3756531.2, 237.0, 237.0, 0.0);
(459232.7, 3756291.2, 235.8, 235.8, 0.0); (459232.7, 3756321.2, 236.9, 236.9, 0.0);
(459232.7, 3756351.2, 237.8, 237.8, 0.0); (459232.7, 3756381.2, 238.5, 238.5, 0.0);
(459232.7, 3756411.2, 238.3, 238.3, 0.0); (459232.7, 3756441.2, 237.4, 237.4, 0.0);
(459232.7, 3756471.2, 236.8, 236.8, 0.0); (459232.7, 3756501.2, 236.8, 236.8, 0.0);
(459232.7, 3756531.2, 237.2, 237.2, 0.0); (459262.7, 3756291.2, 236.0, 236.0, 0.0);
(459262.7, 3756321.2, 236.5, 236.5, 0.0); (459262.7, 3756351.2, 237.7, 237.7, 0.0);
(459262.7, 3756381.2, 239.2, 239.2, 0.0); (459262.7, 3756411.2, 239.5, 239.5, 0.0);
(459262.7, 3756441.2, 238.4, 238.4, 0.0); (459262.7, 3756471.2, 237.4, 237.4, 0.0);
(459262.7, 3756501.2, 237.2, 237.2, 0.0); (459262.7, 3756531.2, 237.6, 237.6, 0.0);
(459292.7, 3756291.2, 236.0, 236.0, 0.0); (459292.7, 3756321.2, 236.3, 236.3, 0.0);

```
    ( 459292.7, 3756351.2,     237.3,     237.3,       0.0);         ( 459292.7, 3756381.2,     238.7,     238.7,       0.0);
    ( 459292.7, 3756411.2,     239.5,     239.5,       0.0);         ( 459292.7, 3756441.2,     239.1,     239.1,       0.0);
    ( 459292.7, 3756471.2,     238.2,     238.2,       0.0);         ( 459292.7, 3756501.2,     237.8,     237.8,       0.0);
    ( 459292.7, 3756531.2,     238.1,     238.1,       0.0);         ( 459322.7, 3756291.2,     235.9,     235.9,       0.0);
    ( 459322.7, 3756321.2,     236.3,     236.3,       0.0);         ( 459322.7, 3756351.2,     237.1,     237.1,       0.0);
    ( 459322.7, 3756381.2,     238.1,     238.1,       0.0);         ( 459322.7, 3756411.2,     239.1,     239.1,       0.0);
    ( 459322.7, 3756441.2,     239.6,     239.6,       0.0);         ( 459322.7, 3756471.2,     238.9,     238.9,       0.0);
    ( 459322.7, 3756501.2,     238.4,     238.4,       0.0);         ( 459322.7, 3756531.2,     238.9,     242.1,       0.0);
    ( 459352.7, 3756291.2,     236.4,     236.4,       0.0);         ( 459352.7, 3756321.2,     236.7,     236.7,       0.0);
    ( 459352.7, 3756351.2,     237.6,     237.6,       0.0);         ( 459352.7, 3756381.2,     238.8,     238.8,       0.0);
    ( 459352.7, 3756411.2,     239.7,     239.7,       0.0);         ( 459352.7, 3756441.2,     240.0,     240.0,       0.0);
    ( 459352.7, 3756471.2,     239.5,     239.5,       0.0);         ( 459352.7, 3756501.2,     239.2,     239.2,       0.0);
    ( 459352.7, 3756531.2,     239.7,     239.7,       0.0);         ( 459382.7, 3756291.2,     237.2,     237.2,       0.0);
    ( 459382.7, 3756321.2,     237.2,     237.2,       0.0);         ( 459382.7, 3756351.2,     237.9,     237.9,       0.0);
    ( 459382.7, 3756381.2,     238.9,     238.9,       0.0);         ( 459382.7, 3756411.2,     239.9,     239.9,       0.0);
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                    ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                          ***       17:47:55
                                                                                                                        PAGE 149

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 459382.7, 3756441.2,     240.2,     240.2,       0.0);         ( 459382.7, 3756471.2,     240.0,     240.0,       0.0);
    ( 459382.7, 3756501.2,     240.0,     240.0,       0.0);         ( 459382.7, 3756531.2,     240.6,     240.6,       0.0);
    ( 458633.7, 3756194.1,     228.5,     228.5,       0.0);         ( 458633.7, 3756224.1,     228.4,     228.4,       0.0);
    ( 458663.7, 3756164.1,     228.5,     228.5,       0.0);         ( 458663.7, 3756194.1,     228.7,     228.7,       0.0);
    ( 458663.7, 3756224.1,     228.6,     228.6,       0.0);         ( 458693.7, 3756164.1,     228.6,     228.6,       0.0);
    ( 458693.7, 3756194.1,     228.9,     228.9,       0.0);         ( 458693.7, 3756224.1,     228.7,     228.7,       0.0);
    ( 458723.7, 3756194.1,     228.9,     228.9,       0.0);         ( 458723.7, 3756224.1,     228.9,     228.9,       0.0);
    ( 458753.7, 3756224.1,     229.1,     229.1,       0.0);         ( 458783.7, 3756224.1,     229.4,     229.4,       0.0);
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                    ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                          ***       17:47:55
                                                                                                                        PAGE 150

*** 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,
*** AERMOD - VERSION 24142  ***   *** Arlington Construction                                                    ***       03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                          ***       17:47:55
                                                                                                                        PAGE 151

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   kral_sfc_pfl\KRAL_V11_trimmed.sfc                                          Met Version:  22112
   Profile file:   kral_sfc_pfl\KRAL_V11_trimmed.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:     3171                 Upper air station no.:     3190
                 Name: UNKNOWN                                 Name: UNKNOWN
                 Year:   2019                                  Year:   2019

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 19 01 01   1 01  -53.7  0.548 -9.000 -9.000 -999.  974.    330.7  0.12   0.58   1.00    6.14   44.   10.1  281.4    2.0
 19 01 01   1 02  -48.4  0.493 -9.000 -9.000 -999.  836.    267.9  0.12   0.58   1.00    5.55   44.   10.1  281.4    2.0
 19 01 01   1 03  -32.2  0.327 -9.000 -9.000 -999.  472.    117.6  0.12   0.58   1.00    3.74   38.   10.1  280.3    2.0
 19 01 01   1 04  -14.7  0.169 -9.000 -9.000 -999.  190.     31.3  0.09   0.58   1.00    2.16   71.   10.1  279.8    2.0
 19 01 01   1 05  -36.7  0.372 -9.000 -9.000 -999.  544.    151.9  0.12   0.58   1.00    4.23   38.   10.1  279.8    2.0
 19 01 01   1 06  -51.0  0.517 -9.000 -9.000 -999.  891.    293.6  0.12   0.58   1.00    5.80   35.   10.1  280.3    2.0
 19 01 01   1 07  -59.7  0.605 -9.000 -9.000 -999. 1126.    402.0  0.11   0.58   1.00    6.91   29.   10.1  280.3    2.0
 19 01 01   1 08  -36.5  0.495 -9.000 -9.000 -999.  848.    293.2  0.11   0.58   0.53    5.67   12.   10.1  280.9    2.0
```

19	01	01	1	09	19.5	0.330	0.399	0.005	115.	478.	-162.7	0.11	0.58	0.31	3.56	20.	10.1	282.5	2.0
19	01	01	1	10	54.7	0.536	0.694	0.005	216.	942.	-249.1	0.11	0.58	0.24	5.87	27.	10.1	283.8	2.0
19	01	01	1	11	79.0	0.654	0.988	0.005	431.	1268.	-313.1	0.11	0.58	0.21	7.20	17.	10.1	284.2	2.0
19	01	01	1	12	90.7	0.632	1.268	0.005	794.	1209.	-246.0	0.11	0.58	0.20	6.92	13.	10.1	284.8	2.0
19	01	01	1	13	89.3	0.608	1.309	0.005	886.	1141.	-222.3	0.11	0.58	0.20	6.64	16.	10.1	285.3	2.0
19	01	01	1	14	74.8	0.549	1.265	0.005	955.	982.	-195.3	0.11	0.58	0.22	5.97	13.	10.1	285.3	2.0
19	01	01	1	15	47.9	0.620	1.106	0.005	997.	1170.	-439.1	0.11	0.58	0.25	6.87	16.	10.1	285.3	2.0
19	01	01	1	16	10.9	0.545	0.678	0.005	1006.	973.	-1306.5	0.11	0.58	0.34	6.11	22.	10.1	284.8	2.0
19	01	01	1	17	-36.8	0.408	-9.000	-9.000	-999.	642.	183.0	0.11	0.58	0.62	4.73	14.	10.1	283.8	2.0
19	01	01	1	18	-38.4	0.392	-9.000	-9.000	-999.	590.	169.0	0.11	0.58	1.00	4.56	20.	10.1	282.5	2.0
19	01	01	1	19	-28.7	0.292	-9.000	-9.000	-999.	385.	93.9	0.11	0.58	1.00	3.44	18.	10.1	282.5	2.0
19	01	01	1	20	-24.6	0.250	-9.000	-9.000	-999.	301.	68.7	0.12	0.58	1.00	2.89	44.	10.1	282.0	2.0
19	01	01	1	21	-11.6	0.148	-9.000	-9.000	-999.	142.	25.0	0.09	0.58	1.00	1.92	81.	10.1	280.3	2.0
19	01	01	1	22	-7.9	0.120	-9.000	-9.000	-999.	100.	19.5	0.07	0.58	1.00	1.67	208.	10.1	279.2	2.0
19	01	01	1	23	-16.1	0.176	-9.000	-9.000	-999.	178.	34.2	0.09	0.58	1.00	2.25	82.	10.1	279.2	2.0
19	01	01	1	24	-23.1	0.233	-9.000	-9.000	-999.	270.	59.9	0.09	0.58	1.00	2.93	63.	10.1	280.3	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
19	01	01	01	10.1	1	44.	6.14	281.5	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458909.21	3756133.18	13.20415	458909.21	3756163.18	45.02314
458939.21	3756103.18	4.82037	458939.21	3756133.18	10.07989
458939.21	3756163.18	32.92632	458969.21	3756043.18	1.59237
458969.21	3756073.18	2.32875	458969.21	3756103.18	3.77634
458969.21	3756133.18	7.47916	458969.21	3756163.18	19.55284
458969.21	3756193.18	42.75077	458969.21	3756223.18	36.39696
458999.21	3756013.18	1.01535	458999.21	3756043.18	1.36473
458999.21	3756073.18	1.94590	458999.21	3756103.18	3.10421
458999.21	3756133.18	6.03693	458999.21	3756163.18	13.03979
458999.21	3756193.18	20.98441	458999.21	3756223.18	18.23010
459029.21	3755953.18	0.56714	459029.21	3755983.18	0.70278
459029.21	3756013.18	0.89473	459029.21	3756043.18	1.18416
459029.21	3756073.18	1.67432	459029.21	3756103.18	2.68453
459029.21	3756133.18	5.07129	459029.21	3756163.18	9.34355
459029.21	3756193.18	12.66139	459029.21	3756223.18	11.00071
459059.21	3755923.18	0.42853	459059.21	3755953.18	0.51490
459059.21	3755983.18	0.63152	459059.21	3756013.18	0.79717
459059.21	3756043.18	1.05328	459059.21	3756073.18	1.50617
459059.21	3756103.18	2.43555	459059.21	3756133.18	4.30536
459059.21	3756163.18	6.92149	459059.21	3756193.18	8.46553
459059.21	3756223.18	7.34919	459089.21	3755863.18	0.28927
459089.21	3755893.18	0.33518	459089.21	3755923.18	0.39350
459089.21	3755953.18	0.46944	459089.21	3755983.18	0.57237
459089.21	3756013.18	0.72125	459089.21	3756043.18	0.96069
459089.21	3756073.18	1.39776	459089.21	3756103.18	2.24634
459089.21	3756133.18	3.65865	459089.21	3756163.18	5.26641
459089.21	3756193.18	6.02013	459089.21	3756223.18	5.25011
459119.21	3755833.18	0.23641	459119.21	3755863.18	0.26956
459119.21	3755893.18	0.31071	459119.21	3755923.18	0.36285
459119.21	3755953.18	0.43096	459119.21	3755983.18	0.52480
459119.21	3756013.18	0.66375	459119.21	3756043.18	0.89501
459119.21	3756073.18	1.31716	459119.21	3756103.18	2.05108
459119.21	3756133.18	3.09679	459119.21	3756163.18	4.10777
459119.21	3756193.18	4.47928	459119.21	3756223.18	3.93150
459149.21	3755773.18	0.17651	459149.21	3755803.18	0.19709
459149.21	3755833.18	0.22180	459149.21	3755863.18	0.25182
459149.21	3755893.18	0.28902	459149.21	3755923.18	0.33624
459149.21	3755953.18	0.39888	459149.21	3755983.18	0.48755
459149.21	3756013.18	0.62402	459149.21	3756043.18	0.85229
459149.21	3756073.18	1.24324	459149.21	3756103.18	1.85513

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459149.21	3756133.18	2.62321	459149.21	3756163.18	3.27210
459149.21	3756193.18	3.45255	459149.21	3756223.18	3.05087
459179.21	3755773.18	0.16706	459179.21	3755803.18	0.18599
459179.21	3755833.18	0.20874	459179.21	3755863.18	0.23636
459179.21	3755893.18	0.27059	459179.21	3755923.18	0.31439
459179.21	3755953.18	0.37336	459179.21	3755983.18	0.45902
459179.21	3756013.18	0.59362	459179.21	3756043.18	0.81276
459179.21	3756073.18	1.16277	459179.21	3756103.18	1.66600
459179.21	3756133.18	2.22964	459179.21	3756163.18	2.65274
459179.21	3756193.18	2.73626	459179.21	3756223.18	2.43269
459209.21	3755803.18	0.17595	459209.21	3755833.18	0.19706
459209.21	3755863.18	0.22260	459209.21	3755893.18	0.25370
459209.21	3755923.18	0.29435	459209.21	3755953.18	0.35101
459209.21	3755983.18	0.43467	459209.21	3756013.18	0.56621
459209.21	3756043.18	0.77476	459209.21	3756073.18	1.08225
459209.21	3756103.18	1.48647	459209.21	3756133.18	1.90254
459209.21	3756163.18	2.17978	459209.21	3756193.18	2.20737
459209.21	3756223.18	1.97832	459239.21	3755803.18	0.16684
459239.21	3755833.18	0.18631	459239.21	3755863.18	0.21017
459239.21	3755893.18	0.23924	459239.21	3755923.18	0.27721
459239.21	3755953.18	0.33189	459239.21	3755983.18	0.41446
459239.21	3756013.18	0.54202	459239.21	3756043.18	0.73537
459239.21	3756073.18	1.00246	459239.21	3756103.18	1.32382
459239.21	3756133.18	1.63008	459239.21	3756163.18	1.81530
459239.21	3756193.18	1.81414	459239.21	3756223.18	1.63831
459269.21	3755833.18	0.17656	459269.21	3755863.18	0.19891
459269.21	3755893.18	0.22737	459269.21	3755923.18	0.26506
459269.21	3755953.18	0.31935	459269.21	3755983.18	0.40078
459269.21	3756013.18	0.52195	459269.21	3756043.18	0.69517
459269.21	3756073.18	0.92260	459269.21	3756103.18	1.17928
459269.21	3756133.18	1.40287	459269.21	3756163.18	1.52517
459269.21	3756193.18	1.51172	459269.21	3756223.18	1.37578
459299.21	3755863.18	0.18926	459299.21	3755893.18	0.21715
459299.21	3755923.18	0.25501	459299.21	3755953.18	0.30851
459299.21	3755983.18	0.38766	459299.21	3756013.18	0.50229
459299.21	3756043.18	0.65616	459299.21	3756073.18	0.84423
459299.21	3756103.18	1.04588	459299.21	3756133.18	1.20787
459299.21	3756163.18	1.28783	459299.21	3756193.18	1.27322
459299.21	3756223.18	1.16856	459329.21	3755863.18	0.18149
459329.21	3755893.18	0.20861	459329.21	3755923.18	0.24610

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459329.21	3755953.18	0.29930	459329.21	3755983.18	0.37463
459329.21	3756013.18	0.47909	459329.21	3756043.18	0.61536
459329.21	3756073.18	0.77046	459329.21	3756103.18	0.92820
459329.21	3756133.18	1.04952	459329.21	3756163.18	1.10154
459329.21	3756193.18	1.08455	459329.21	3756223.18	1.00294
459359.21	3755893.18	0.20146	459359.21	3755923.18	0.23880
459359.21	3755953.18	0.29147	459359.21	3755983.18	0.36126
459359.21	3756013.18	0.45146	459359.21	3756043.18	0.57098
459359.21	3756073.18	0.70408	459359.21	3756103.18	0.82745
459359.21	3756133.18	0.91835	459359.21	3756163.18	0.95218
459359.21	3756193.18	0.93275	459359.21	3756223.18	0.86862
459389.21	3755923.18	0.23320	459389.21	3755953.18	0.28432

459389.21	3755983.18	0.34934	459389.21	3756013.18	0.42895
459389.21	3756043.18	0.53017	459389.21	3756073.18	0.64233
459389.21	3756103.18	0.74059	459389.21	3756133.18	0.80686
459389.21	3756163.18	0.82837	459389.21	3756193.18	0.81061
459389.21	3756223.18	0.75887	458472.27	3755792.92	0.33693
458472.27	3755822.92	0.36615	458472.27	3755852.92	0.39503
458472.27	3755882.92	0.42285	458472.27	3755912.92	0.44819
458472.27	3755942.92	0.46960	458472.27	3755972.92	0.48486
458472.27	3756002.92	0.49034	458502.27	3755792.92	0.35108
458502.27	3755822.92	0.38654	458502.27	3755852.92	0.42247
458502.27	3755882.92	0.45811	458502.27	3755912.92	0.49208
458502.27	3755942.92	0.52237	458502.27	3755972.92	0.54662
458502.27	3756002.92	0.56098	458502.27	3756032.92	0.56075
458532.27	3755792.92	0.36254	458532.27	3755822.92	0.40458
458532.27	3755852.92	0.44879	458532.27	3755882.92	0.49377
458532.27	3755912.92	0.53841	458532.27	3755942.92	0.58037
458532.27	3755972.92	0.61668	458532.27	3756002.92	0.64331
458532.27	3756032.92	0.65380	458562.27	3755792.92	0.37087
458562.27	3755822.92	0.41917	458562.27	3755852.92	0.47219
458562.27	3755882.92	0.52829	458562.27	3755912.92	0.58582
458562.27	3755942.92	0.64279	458562.27	3755972.92	0.69544
458562.27	3756002.92	0.73876	458562.27	3756032.92	0.76551
458562.27	3756062.92	0.76660	458592.27	3755792.92	0.37605
458592.27	3755822.92	0.42973	458592.27	3755852.92	0.49112
458592.27	3755882.92	0.55918	458592.27	3755912.92	0.63221
458592.27	3755942.92	0.70775	458592.27	3755972.92	0.78195
458592.27	3756002.92	0.84872	458592.27	3756032.92	0.89920
458592.27	3756062.92	0.92074	458622.27	3755792.92	0.37893

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458622.27	3755822.92	0.43648	458622.27	3755852.92	0.50484
458622.27	3755882.92	0.58453	458622.27	3755912.92	0.67451
458622.27	3755942.92	0.77212	458622.27	3755972.92	0.87378
458622.27	3756002.92	0.97275	458622.27	3756032.92	1.05791
458622.27	3756062.92	1.11300	458622.27	3756092.92	1.11835
458652.27	3755792.92	0.38120	458652.27	3755822.92	0.44087
458652.27	3755852.92	0.51412	458652.27	3755882.92	0.60322
458652.27	3755912.92	0.70929	458652.27	3755942.92	0.83133
458652.27	3755972.92	0.96627	458652.27	3756002.92	1.10773
458652.27	3756032.92	1.24339	458652.27	3756062.92	1.35193
458652.27	3756092.92	1.40260	458652.27	3756122.92	1.37115
458682.27	3755792.92	0.38481	458682.27	3755822.92	0.44526
458682.27	3755852.92	0.52104	458682.27	3755882.92	0.61624
458682.27	3755912.92	0.73526	458682.27	3755942.92	0.88061
458682.27	3755972.92	1.05279	458682.27	3756002.92	1.24789
458682.27	3756032.92	1.45355	458682.27	3756062.92	1.64496
458682.27	3756092.92	1.77792	458682.27	3756122.92	1.80017
458712.27	3755792.92	0.39023	458712.27	3755822.92	0.45121
458712.27	3755852.92	0.52822	458712.27	3755882.92	0.62687
458712.27	3755912.92	0.75441	458712.27	3755942.92	0.91830
458712.27	3755972.92	1.12579	458712.27	3756002.92	1.38101
458712.27	3756032.92	1.67730	458712.27	3756062.92	1.99146
458712.27	3756092.92	2.26863	458712.27	3756122.92	2.41651
458712.27	3756152.92	2.36159	458742.27	3755792.92	0.39577
458742.27	3755822.92	0.45820	458742.27	3755852.92	0.53687
458742.27	3755882.92	0.63800	458742.27	3755912.92	0.77076
458742.27	3755942.92	0.94727	458742.27	3755972.92	1.18262
458742.27	3756002.92	1.49462	458742.27	3756032.92	1.89538
458742.27	3756062.92	2.37814	458742.27	3756092.92	2.89426
458742.27	3756122.92	3.30841	458742.27	3756152.92	3.42848
458742.27	3756182.92	3.22252	458772.27	3755792.92	0.39769
458772.27	3755822.92	0.46240	458772.27	3755852.92	0.54379
458772.27	3755882.92	0.64825	458772.27	3755912.92	0.78569
458772.27	3755942.92	0.97107	458772.27	3755972.92	1.22663
458772.27	3756002.92	1.58425	458772.27	3756032.92	2.08617
458772.27	3756062.92	2.77096	458772.27	3756092.92	3.64323
458772.27	3756122.92	4.58437	458772.27	3756152.92	5.23916
458772.27	3756182.92	5.24307	458802.27	3755792.92	0.39184

458802.27	3755822.92	0.45820	458802.27	3755852.92	0.54210
458802.27	3755882.92	0.65019	458802.27	3755912.92	0.79269

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458802.27	3755942.92	0.98599	458802.27	3755972.92	1.25661
458802.27	3756002.92	1.64810	458802.27	3756032.92	2.23231
458802.27	3756062.92	3.12075	458802.27	3756092.92	4.45554
458802.27	3756122.92	6.33045	458802.27	3756152.92	8.42997
458802.27	3756182.92	9.71192	458802.27	3756212.92	9.13975
458832.27	3755792.92	0.37614	458832.27	3755822.92	0.44176
458832.27	3755852.92	0.52546	458832.27	3755882.92	0.63428
458832.27	3755912.92	0.77895	458832.27	3755942.92	0.97679
458832.27	3755972.92	1.25672	458832.27	3756002.92	1.66968
458832.27	3756032.92	2.30989	458832.27	3756062.92	3.36180
458832.27	3756092.92	5.18528	458832.27	3756122.92	8.45263
458832.27	3756152.92	14.03990	458832.27	3756182.92	21.37091
458862.27	3755792.92	0.35225	458862.27	3755822.92	0.41402
458862.27	3755852.92	0.49331	458862.27	3755882.92	0.59716
458862.27	3755912.92	0.73650	458862.27	3755942.92	0.92892
458862.27	3755972.92	1.20433	458862.27	3756002.92	1.61656
458862.27	3756032.92	2.27119	458862.27	3756062.92	3.39740
458862.27	3756092.92	5.55144	458862.27	3756122.92	10.25359
458862.27	3756152.92	22.37601	458892.27	3755792.92	0.32493
458892.27	3755822.92	0.38076	458892.27	3755852.92	0.45241
458892.27	3755882.92	0.54632	458892.27	3755912.92	0.67253
458892.27	3755942.92	0.84746	458892.27	3755972.92	1.09908
458892.27	3756002.92	1.47843	458892.27	3756032.92	2.08733
458892.27	3756062.92	3.15468	458892.27	3756092.92	5.29218
458922.27	3755792.92	0.29933	458922.27	3755822.92	0.34895
458922.27	3755852.92	0.41228	458922.27	3755882.92	0.49478
458922.27	3755912.92	0.60494	458922.27	3755942.92	0.75655
458922.27	3755972.92	0.97324	458922.27	3756002.92	1.29745
458922.27	3756032.92	1.81369	458922.27	3756062.92	2.71122
458952.27	3755792.92	0.27818	458952.27	3755822.92	0.32252
458952.27	3755852.92	0.37872	458952.27	3755882.92	0.45127
458952.27	3755912.92	0.54713	458952.27	3755942.92	0.67740
458952.27	3755972.92	0.86079	458952.27	3756002.92	1.13013
458982.27	3755792.92	0.26121	458982.27	3755822.92	0.30133
458982.27	3755852.92	0.35175	458982.27	3755882.92	0.41627
458982.27	3755912.92	0.50055	458982.27	3755942.92	0.61348
458982.27	3755972.92	0.76961	459012.27	3755792.92	0.24672
459012.27	3755822.92	0.28321	459012.27	3755852.92	0.32862
459012.27	3755882.92	0.38618	459012.27	3755912.92	0.46046
459042.27	3755792.92	0.23330	459042.27	3755822.92	0.26639

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459042.27	3755852.92	0.30722	459042.27	3755882.92	0.35836
459072.27	3755792.92	0.22037	459072.27	3755822.92	0.25025
459102.27	3755792.92	0.20788	458632.68	3756291.16	0.78440
458632.68	3756321.16	0.70624	458632.68	3756351.16	0.62986
458632.68	3756381.16	0.56147	458662.68	3756291.16	0.96940
458662.68	3756321.16	0.85576	458662.68	3756351.16	0.75068
458662.68	3756381.16	0.65527	458662.68	3756411.16	0.56671

458662.68	3756441.16	0.48835	458662.68	3756471.16	0.42290
458662.68	3756501.16	0.36901	458662.68	3756531.16	0.32372
458692.68	3756291.16	1.22618	458692.68	3756321.16	1.05659
458692.68	3756351.16	0.90348	458692.68	3756381.16	0.76526
458692.68	3756411.16	0.64548	458692.68	3756441.16	0.54704
458692.68	3756471.16	0.46731	458692.68	3756501.16	0.40172
458692.68	3756531.16	0.34681	458722.68	3756291.16	1.59660
458722.68	3756321.16	1.32842	458722.68	3756351.16	1.09272
458722.68	3756381.16	0.89460	458722.68	3756411.16	0.73608
458722.68	3756441.16	0.61112	458722.68	3756471.16	0.51162
458722.68	3756501.16	0.43164	458722.68	3756531.16	0.36685
458752.68	3756291.16	2.15038	458752.68	3756321.16	1.69249
458752.68	3756351.16	1.32503	458752.68	3756381.16	1.04424
458752.68	3756411.16	0.83314	458752.68	3756441.16	0.67343
458752.68	3756471.16	0.55142	458752.68	3756501.16	0.45771
458752.68	3756531.16	0.38441	458782.68	3756291.16	2.99181
458782.68	3756321.16	2.16955	458782.68	3756351.16	1.59609
458782.68	3756381.16	1.20121	458782.68	3756411.16	0.92589
458782.68	3756441.16	0.72950	458782.68	3756471.16	0.58660
458782.68	3756501.16	0.48064	458782.68	3756531.16	0.40007
458812.68	3756291.16	4.22686	458812.68	3756321.16	2.73839
458812.68	3756351.16	1.87621	458812.68	3756381.16	1.34865
458812.68	3756411.16	1.00746	458812.68	3756441.16	0.77728
458812.68	3756471.16	0.61628	458812.68	3756501.16	0.49979
458812.68	3756531.16	0.41282	458842.68	3756291.16	5.73798
458842.68	3756321.16	3.30609	458842.68	3756351.16	2.12349
458842.68	3756381.16	1.46650	458842.68	3756411.16	1.06810
458842.68	3756441.16	0.81272	458842.68	3756471.16	0.63568
458842.68	3756501.16	0.51099	458842.68	3756531.16	0.41964
458872.68	3756291.16	6.96999	458872.68	3756321.16	3.70247
458872.68	3756351.16	2.27850	458872.68	3756381.16	1.53272
458872.68	3756411.16	1.09908	458872.68	3756441.16	0.82884
458872.68	3756471.16	0.64166	458872.68	3756501.16	0.51444

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458872.68	3756531.16	0.42200	458902.68	3756291.16	7.29901
458902.68	3756321.16	3.77801	458902.68	3756351.16	2.29041
458902.68	3756381.16	1.53243	458902.68	3756411.16	1.09749
458902.68	3756441.16	0.82431	458902.68	3756471.16	0.64043
458902.68	3756501.16	0.51251	458902.68	3756531.16	0.41975
458932.68	3756291.16	6.73853	458932.68	3756321.16	3.57105
458932.68	3756351.16	2.19210	458932.68	3756381.16	1.47858
458932.68	3756411.16	1.06535	458932.68	3756441.16	0.80402
458932.68	3756471.16	0.62836	458932.68	3756501.16	0.50361
458932.68	3756531.16	0.41280	458962.68	3756291.16	5.67062
458962.68	3756321.16	3.18804	458962.68	3756351.16	2.02301
458962.68	3756381.16	1.38919	458962.68	3756411.16	1.01172
458962.68	3756441.16	0.77115	458962.68	3756471.16	0.60695
458962.68	3756501.16	0.48924	458962.68	3756531.16	0.40275
458992.68	3756291.16	4.59407	458992.68	3756321.16	2.77615
458992.68	3756351.16	1.83280	458992.68	3756381.16	1.28961
458992.68	3756411.16	0.95130	458992.68	3756441.16	0.73111
458992.68	3756471.16	0.58085	458992.68	3756501.16	0.47202
458992.68	3756531.16	0.39041	459022.68	3756291.16	3.65999
459022.68	3756321.16	2.37582	459022.68	3756351.16	1.64163
459022.68	3756381.16	1.18822	459022.68	3756411.16	0.89136
459022.68	3756441.16	0.69176	459022.68	3756471.16	0.55366
459022.68	3756501.16	0.45298	459022.68	3756531.16	0.37665
459052.68	3756291.16	2.92419	459052.68	3756321.16	2.00860
459052.68	3756351.16	1.45251	459052.68	3756381.16	1.08369
459052.68	3756411.16	0.83016	459052.68	3756441.16	0.65302
459052.68	3756471.16	0.52641	459052.68	3756501.16	0.43329
459052.68	3756531.16	0.36202	459082.68	3756291.16	2.36278
459082.68	3756321.16	1.68737	459082.68	3756351.16	1.26333
459082.68	3756381.16	0.97621	459082.68	3756411.16	0.76701
459082.68	3756441.16	0.61290	459082.68	3756471.16	0.49894
459082.68	3756501.16	0.41388	459082.68	3756531.16	0.34692
459112.68	3756291.16	1.93811	459112.68	3756321.16	1.41921

459112.68	3756351.16	1.08148	459112.68	3756381.16	0.87131
459112.68	3756411.16	0.70387	459112.68	3756441.16	0.57156
459112.68	3756471.16	0.47017	459112.68	3756501.16	0.39332
459112.68	3756531.16	0.33012	459142.68	3756291.16	1.62559
459142.68	3756321.16	1.21092	459142.68	3756351.16	0.93057
459142.68	3756381.16	0.76382	459142.68	3756411.16	0.63842
459142.68	3756441.16	0.52990	459142.68	3756471.16	0.44042

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459142.68	3756501.16	0.37071	459142.68	3756531.16	0.31038
459172.68	3756291.16	1.37820	459172.68	3756321.16	1.04126
459172.68	3756351.16	0.81286	459172.68	3756381.16	0.66852
459172.68	3756411.16	0.57097	459172.68	3756441.16	0.48687
459172.68	3756471.16	0.41061	459172.68	3756501.16	0.34698
459172.68	3756531.16	0.29153	459202.68	3756291.16	1.18747
459202.68	3756321.16	0.90795	459202.68	3756351.16	0.72084
459202.68	3756381.16	0.59500	459202.68	3756411.16	0.51312
459202.68	3756441.16	0.44538	459202.68	3756471.16	0.38293
459202.68	3756501.16	0.32651	459202.68	3756531.16	0.27777
459232.68	3756291.16	1.03199	459232.68	3756321.16	0.80827
459232.68	3756351.16	0.64754	459232.68	3756381.16	0.53185
459232.68	3756411.16	0.45725	459232.68	3756441.16	0.40393
459232.68	3756471.16	0.35513	459232.68	3756501.16	0.30847
459232.68	3756531.16	0.26570	459262.68	3756291.16	0.90029
459262.68	3756321.16	0.72474	459262.68	3756351.16	0.58405
459262.68	3756381.16	0.47615	459262.68	3756411.16	0.40640
459262.68	3756441.16	0.36363	459262.68	3756471.16	0.32686
459262.68	3756501.16	0.28915	459262.68	3756531.16	0.25272
459292.68	3756291.16	0.79484	459292.68	3756321.16	0.65020
459292.68	3756351.16	0.53299	459292.68	3756381.16	0.43850
459292.68	3756411.16	0.37150	459292.68	3756441.16	0.32894
459292.68	3756471.16	0.29860	459292.68	3756501.16	0.26917
459292.68	3756531.16	0.23881	459322.68	3756291.16	0.70705
459322.68	3756321.16	0.58448	459322.68	3756351.16	0.48592
459322.68	3756381.16	0.40644	459322.68	3756411.16	0.34400
459322.68	3756441.16	0.29993	459322.68	3756471.16	0.27231
459322.68	3756501.16	0.24880	459322.68	3756531.16	0.22377
459352.68	3756291.16	0.62722	459352.68	3756321.16	0.52425
459352.68	3756351.16	0.43904	459352.68	3756381.16	0.36954
459352.68	3756411.16	0.31500	459352.68	3756441.16	0.27515
459352.68	3756471.16	0.24930	459352.68	3756501.16	0.22864
459352.68	3756531.16	0.20817	459382.68	3756291.16	0.55813
459382.68	3756321.16	0.47144	459382.68	3756351.16	0.40022
459382.68	3756381.16	0.34110	459382.68	3756411.16	0.29228
459382.68	3756441.16	0.25529	459382.68	3756471.16	0.22938
459382.68	3756501.16	0.20941	459382.68	3756531.16	0.19228
458633.73	3756194.08	0.97964	458633.73	3756224.08	0.92867
458663.73	3756164.08	1.37217	458663.73	3756194.08	1.26619
458663.73	3756224.08	1.18904	458693.73	3756164.08	1.86047

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458693.73	3756194.08	1.70259	458693.73	3756224.08	1.57961
458723.73	3756194.08	2.41498	458723.73	3756224.08	2.20579

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458909.21	3756133.18	1.42555	458909.21	3756163.18	2.10690
458939.21	3756103.18	1.11921	458939.21	3756133.18	1.50914
458939.21	3756163.18	2.26032	458969.21	3756043.18	0.74412
458969.21	3756073.18	0.91327	458969.21	3756103.18	1.16579
458969.21	3756133.18	1.58485	458969.21	3756163.18	2.39255
458969.21	3756193.18	4.35385	458969.21	3756223.18	11.57467
458999.21	3756013.18	0.63868	458999.21	3756043.18	0.76490
458999.21	3756073.18	0.94247	458999.21	3756103.18	1.20985
458999.21	3756133.18	1.65436	458999.21	3756163.18	2.50476
458999.21	3756193.18	4.51599	458999.21	3756223.18	11.73325
459029.21	3755953.18	0.47834	459029.21	3755983.18	0.55413
459029.21	3756013.18	0.65201	459029.21	3756043.18	0.78334
459029.21	3756073.18	0.96879	459029.21	3756103.18	1.24904
459029.21	3756133.18	1.71522	459029.21	3756163.18	2.59843
459029.21	3756193.18	4.63469	459029.21	3756223.18	11.77356
459059.21	3755923.18	0.42253	459059.21	3755953.18	0.48449
459059.21	3755983.18	0.56232	459059.21	3756013.18	0.66293
459059.21	3756043.18	0.79916	459059.21	3756073.18	0.99218
459059.21	3756103.18	1.28397	459059.21	3756133.18	1.76715
459059.21	3756163.18	2.67350	459059.21	3756193.18	4.72702
459059.21	3756223.18	11.82056	459089.21	3755863.18	0.33233
459089.21	3755893.18	0.37485	459089.21	3755923.18	0.42617
459089.21	3755953.18	0.48956	459089.21	3755983.18	0.56935
459089.21	3756013.18	0.67338	459089.21	3756043.18	0.81397
459089.21	3756073.18	1.01344	459089.21	3756103.18	1.31456
459089.21	3756133.18	1.81131	459089.21	3756163.18	2.73150
459089.21	3756193.18	4.79740	459089.21	3756223.18	11.77071
459119.21	3755833.18	0.29700	459119.21	3755863.18	0.33336
459119.21	3755893.18	0.37669	459119.21	3755923.18	0.42920
459119.21	3755953.18	0.49406	459119.21	3755983.18	0.57579
459119.21	3756013.18	0.68292	459119.21	3756043.18	0.82761
459119.21	3756073.18	1.03236	459119.21	3756103.18	1.34148
459119.21	3756133.18	1.84831	459119.21	3756163.18	2.77871
459119.21	3756193.18	4.85282	459119.21	3756223.18	11.75096
459149.21	3755773.18	0.23894	459149.21	3755803.18	0.26556
459149.21	3755833.18	0.29676	459149.21	3755863.18	0.33375
459149.21	3755893.18	0.37791	459149.21	3755923.18	0.43148
459149.21	3755953.18	0.49759	459149.21	3755983.18	0.58110
459149.21	3756013.18	0.69036	459149.21	3756043.18	0.83868
459149.21	3756073.18	1.04911	459149.21	3756103.18	1.36585

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459149.21	3756133.18	1.88157	459149.21	3756163.18	2.81587
459149.21	3756193.18	4.88722	459149.21	3756223.18	11.74402
459179.21	3755773.18	0.23759	459179.21	3755803.18	0.26439
459179.21	3755833.18	0.29574	459179.21	3755863.18	0.33310
459179.21	3755893.18	0.37791	459179.21	3755923.18	0.43235
459179.21	3755953.18	0.49980	459179.21	3755983.18	0.58531
459179.21	3756013.18	0.69712	459179.21	3756043.18	0.84936
459179.21	3756073.18	1.06537	459179.21	3756103.18	1.38765

459179.21	3756133.18	1.90962	459179.21	3756163.18	2.85251
459179.21	3756193.18	4.90818	459179.21	3756223.18	11.75668
459209.21	3755803.18	0.26274	459209.21	3755833.18	0.29436
459209.21	3755863.18	0.33209	459209.21	3755893.18	0.37777
459209.21	3755923.18	0.43325	459209.21	3755953.18	0.50195
459209.21	3755983.18	0.58941	459209.21	3756013.18	0.70383
459209.21	3756043.18	0.85891	459209.21	3756073.18	1.07916
459209.21	3756103.18	1.40730	459209.21	3756133.18	1.93427
459209.21	3756163.18	2.88539	459209.21	3756193.18	4.96195
459209.21	3756223.18	11.81972	459239.21	3755803.18	0.26056
459239.21	3755833.18	0.29253	459239.21	3755863.18	0.33054
459239.21	3755893.18	0.37674	459239.21	3755923.18	0.43329
459239.21	3755953.18	0.50335	459239.21	3755983.18	0.59246
459239.21	3756013.18	0.70913	459239.21	3756043.18	0.86713
459239.21	3756073.18	1.09058	459239.21	3756103.18	1.42288
459239.21	3756133.18	1.95453	459239.21	3756163.18	2.90562
459239.21	3756193.18	4.96483	459239.21	3756223.18	11.75360
459269.21	3755833.18	0.29007	459269.21	3755863.18	0.32841
459269.21	3755893.18	0.37480	459269.21	3755923.18	0.43192
459269.21	3755953.18	0.50308	459269.21	3755983.18	0.59373
459269.21	3756013.18	0.71260	459269.21	3756043.18	0.87348
459269.21	3756073.18	1.09971	459269.21	3756103.18	1.43347
459269.21	3756133.18	1.96200	459269.21	3756163.18	2.90155
459269.21	3756193.18	4.94857	459269.21	3756223.18	11.76262
459299.21	3755863.18	0.32553	459299.21	3755893.18	0.37221
459299.21	3755923.18	0.42977	459299.21	3755953.18	0.50203
459299.21	3755983.18	0.59411	459299.21	3756013.18	0.71471
459299.21	3756043.18	0.87742	459299.21	3756073.18	1.10268
459299.21	3756103.18	1.43553	459299.21	3756133.18	1.95367
459299.21	3756163.18	2.86920	459299.21	3756193.18	4.89263
459299.21	3756223.18	11.71696	459329.21	3755863.18	0.32175
459329.21	3755893.18	0.36887	459329.21	3755923.18	0.42701

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459329.21	3755953.18	0.49998	459329.21	3755983.18	0.59326
459329.21	3756013.18	0.71440	459329.21	3756043.18	0.87792
459329.21	3756073.18	1.10199	459329.21	3756103.18	1.43143
459329.21	3756133.18	1.94795	459329.21	3756163.18	2.84835
459329.21	3756193.18	4.83289	459329.21	3756223.18	11.61148
459359.21	3755893.18	0.36477	459359.21	3755923.18	0.42327
459359.21	3755953.18	0.49677	459359.21	3755983.18	0.59002
459359.21	3756013.18	0.70931	459359.21	3756043.18	0.87309
459359.21	3756073.18	1.10024	459359.21	3756103.18	1.42771
459359.21	3756133.18	1.93835	459359.21	3756163.18	2.82238
459359.21	3756193.18	4.76153	459359.21	3756223.18	11.50673
459389.21	3755923.18	0.41835	459389.21	3755953.18	0.49233
459389.21	3755983.18	0.58597	459389.21	3756013.18	0.70457
459389.21	3756043.18	0.86677	459389.21	3756073.18	1.09552
459389.21	3756103.18	1.41763	459389.21	3756133.18	1.91420
459389.21	3756163.18	2.77362	459389.21	3756193.18	4.69199
459389.21	3756223.18	11.40359	458472.27	3755792.92	0.15008
458472.27	3755822.92	0.15525	458472.27	3755852.92	0.16018
458472.27	3755882.92	0.16480	458472.27	3755912.92	0.16869
458472.27	3755942.92	0.17171	458472.27	3755972.92	0.17383
458472.27	3756002.92	0.17464	458502.27	3755792.92	0.15754
458502.27	3755822.92	0.16385	458502.27	3755852.92	0.16988
458502.27	3755882.92	0.17573	458502.27	3755912.92	0.18112
458502.27	3755942.92	0.18557	458502.27	3755972.92	0.18901
458502.27	3756002.92	0.19125	458502.27	3756032.92	0.19177
458532.27	3755792.92	0.16512	458532.27	3755822.92	0.17265
458532.27	3755852.92	0.18009	458532.27	3755882.92	0.18727
458532.27	3755912.92	0.19429	458532.27	3755942.92	0.20062
458532.27	3755972.92	0.20585	458532.27	3756002.92	0.20989
458532.27	3756032.92	0.21219	458562.27	3755792.92	0.17292
458562.27	3755822.92	0.18162	458562.27	3755852.92	0.19059
458562.27	3755882.92	0.19945	458562.27	3755912.92	0.20821
458562.27	3755942.92	0.21677	458562.27	3755972.92	0.22444
458562.27	3756002.92	0.23077	458562.27	3756032.92	0.23548

458562.27	3756062.92	0.23772	458592.27	3755792.92	0.18082
458592.27	3755822.92	0.19077	458592.27	3755852.92	0.20128
458592.27	3755882.92	0.21203	458592.27	3755912.92	0.22296
458592.27	3755942.92	0.23397	458592.27	3755972.92	0.24462
458592.27	3756002.92	0.25414	458592.27	3756032.92	0.26201
458592.27	3756062.92	0.26750	458622.27	3755792.92	0.18868

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458622.27	3755822.92	0.20003	458622.27	3755852.92	0.21213
458622.27	3755882.92	0.22505	458622.27	3755912.92	0.23851
458622.27	3755942.92	0.25224	458622.27	3755972.92	0.26628
458622.27	3756002.92	0.27990	458622.27	3756032.92	0.29209
458622.27	3756062.92	0.30217	458622.27	3756092.92	0.30864
458652.27	3755792.92	0.19639	458652.27	3755822.92	0.20932
458652.27	3755852.92	0.22325	458652.27	3755882.92	0.23835
458652.27	3755912.92	0.25452	458652.27	3755942.92	0.27151
458652.27	3755972.92	0.28936	458652.27	3756002.92	0.30782
458652.27	3756032.92	0.32595	458652.27	3756062.92	0.34249
458652.27	3756092.92	0.35586	458652.27	3756122.92	0.36349
458682.27	3755792.92	0.20414	458682.27	3755822.92	0.21869
458682.27	3755852.92	0.23447	458682.27	3755882.92	0.25171
458682.27	3755912.92	0.27084	458682.27	3755942.92	0.29146
458682.27	3755972.92	0.31390	458682.27	3756002.92	0.33825
458682.27	3756032.92	0.36370	458682.27	3756062.92	0.38904
458682.27	3756092.92	0.41242	458682.27	3756122.92	0.43097
458712.27	3755792.92	0.21174	458712.27	3755822.92	0.22775
458712.27	3755852.92	0.24536	458712.27	3755882.92	0.26504
458712.27	3755912.92	0.28728	458712.27	3755942.92	0.31184
458712.27	3755972.92	0.33931	458712.27	3756002.92	0.37044
458712.27	3756032.92	0.40467	458712.27	3756062.92	0.44140
458712.27	3756092.92	0.47929	458712.27	3756122.92	0.51558
458712.27	3756152.92	0.54332	458742.27	3755792.92	0.21893
458742.27	3755822.92	0.23648	458742.27	3755852.92	0.25608
458742.27	3755882.92	0.27816	458742.27	3755912.92	0.30351
458742.27	3755942.92	0.33234	458742.27	3755972.92	0.36502
458742.27	3756002.92	0.40328	458742.27	3756032.92	0.44792
458742.27	3756062.92	0.49914	458742.27	3756092.92	0.55728
458742.27	3756122.92	0.62059	458742.27	3756152.92	0.68318
458742.27	3756182.92	0.72707	458772.27	3755792.92	0.22558
458772.27	3755822.92	0.24476	458772.27	3755852.92	0.26630
458772.27	3755882.92	0.29072	458772.27	3755912.92	0.31910
458772.27	3755942.92	0.35220	458772.27	3755972.92	0.39069
458772.27	3756002.92	0.43629	458772.27	3756032.92	0.49206
458772.27	3756062.92	0.56021	458772.27	3756092.92	0.64392
458772.27	3756122.92	0.74655	458772.27	3756152.92	0.87044
458772.27	3756182.92	1.00225	458802.27	3755792.92	0.23162
458802.27	3755822.92	0.25227	458802.27	3755852.92	0.27568
458802.27	3755882.92	0.30242	458802.27	3755912.92	0.33365

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458802.27	3755942.92	0.37080	458802.27	3755972.92	0.41511
458802.27	3756002.92	0.46835	458802.27	3756032.92	0.53490
458802.27	3756062.92	0.62087	458802.27	3756092.92	0.73377

458802.27	3756122.92	0.88758	458802.27	3756152.92	1.10788
458802.27	3756182.92	1.43288	458802.27	3756212.92	1.84576
458832.27	3755792.92	0.23703	458832.27	3755822.92	0.25887
458832.27	3755852.92	0.28402	458832.27	3755882.92	0.31304
458832.27	3755912.92	0.34691	458832.27	3755942.92	0.38762
458832.27	3755972.92	0.43700	458832.27	3756002.92	0.49771
458832.27	3756032.92	0.57456	458832.27	3756062.92	0.67686
458832.27	3756092.92	0.81863	458832.27	3756122.92	1.02703
458832.27	3756152.92	1.36344	458832.27	3756182.92	1.99806
458862.27	3755792.92	0.24177	458862.27	3755822.92	0.26468
458862.27	3755852.92	0.29124	458862.27	3755882.92	0.32230
458862.27	3755912.92	0.35880	458862.27	3755942.92	0.40243
458862.27	3755972.92	0.45623	458862.27	3756002.92	0.52359
458862.27	3756032.92	0.60998	458862.27	3756062.92	0.72661
458862.27	3756092.92	0.89253	458862.27	3756122.92	1.14437
458862.27	3756152.92	1.57542	458892.27	3755792.92	0.24575
458892.27	3755822.92	0.26975	458892.27	3755852.92	0.29748
458892.27	3755882.92	0.33016	458892.27	3755912.92	0.36903
458892.27	3755942.92	0.41561	458892.27	3755972.92	0.47300
458892.27	3756002.92	0.54559	458892.27	3756032.92	0.64019
458892.27	3756062.92	0.76892	458892.27	3756092.92	0.95210
458922.27	3755792.92	0.24907	458922.27	3755822.92	0.27404
458922.27	3755852.92	0.30291	458922.27	3755882.92	0.33695
458922.27	3755912.92	0.37772	458922.27	3755942.92	0.42702
458922.27	3755972.92	0.48751	458922.27	3756002.92	0.56451
458922.27	3756032.92	0.66524	458922.27	3756062.92	0.80280
458952.27	3755792.92	0.25175	458952.27	3755822.92	0.27769
458952.27	3755852.92	0.30760	458952.27	3755882.92	0.34292
458952.27	3755912.92	0.38533	458952.27	3755942.92	0.43682
458952.27	3755972.92	0.50032	458952.27	3756002.92	0.58086
458982.27	3755792.92	0.25381	458982.27	3755822.92	0.28048
458982.27	3755852.92	0.31155	458982.27	3755882.92	0.34806
458982.27	3755912.92	0.39191	458982.27	3755942.92	0.44523
458982.27	3755972.92	0.51134	459012.27	3755792.92	0.25535
459012.27	3755822.92	0.28266	459012.27	3755852.92	0.31471
459012.27	3755882.92	0.35234	459012.27	3755912.92	0.39745
459042.27	3755792.92	0.25646	459042.27	3755822.92	0.28433

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459042.27	3755852.92	0.31695	459042.27	3755882.92	0.35565
459072.27	3755792.92	0.25700	459072.27	3755822.92	0.28539
459102.27	3755792.92	0.25692	458632.68	3756291.16	0.26042
458632.68	3756321.16	0.24542	458632.68	3756351.16	0.22970
458632.68	3756381.16	0.21382	458662.68	3756291.16	0.30851
458662.68	3756321.16	0.28716	458662.68	3756351.16	0.26510
458662.68	3756381.16	0.24350	458662.68	3756411.16	0.22317
458662.68	3756441.16	0.20445	458662.68	3756471.16	0.18743
458662.68	3756501.16	0.17214	458662.68	3756531.16	0.15852
458692.68	3756291.16	0.37488	458692.68	3756321.16	0.34267
458692.68	3756351.16	0.31039	458692.68	3756381.16	0.28006
458692.68	3756411.16	0.25250	458692.68	3756441.16	0.22802
458692.68	3756471.16	0.20644	458692.68	3756501.16	0.18756
458692.68	3756531.16	0.17117	458722.68	3756291.16	0.47185
458722.68	3756321.16	0.41941	458722.68	3756351.16	0.36955
458722.68	3756381.16	0.32526	458722.68	3756411.16	0.28715
458722.68	3756441.16	0.25480	458722.68	3756471.16	0.22746
458722.68	3756501.16	0.20428	458722.68	3756531.16	0.18465
458752.68	3756291.16	0.62410	458752.68	3756321.16	0.52907
458752.68	3756351.16	0.44699	458752.68	3756381.16	0.38040
458752.68	3756411.16	0.32723	458752.68	3756441.16	0.28472
458752.68	3756471.16	0.25033	458752.68	3756501.16	0.22215
458752.68	3756531.16	0.19883	458782.68	3756291.16	0.88593
458782.68	3756321.16	0.68881	458782.68	3756351.16	0.54653
458782.68	3756381.16	0.44577	458782.68	3756411.16	0.37243
458782.68	3756441.16	0.31731	458782.68	3756471.16	0.27468
458782.68	3756501.16	0.24089	458782.68	3756531.16	0.21354
458812.68	3756291.16	1.36628	458812.68	3756321.16	0.91250
458812.68	3756351.16	0.66765	458812.68	3756381.16	0.51970

458812.68	3756411.16	0.42155	458812.68	3756441.16	0.35189
458812.68	3756471.16	0.30009	458812.68	3756501.16	0.26020
458812.68	3756531.16	0.22859	458842.68	3756291.16	2.12862
458842.68	3756321.16	1.18696	458842.68	3756351.16	0.80253
458842.68	3756381.16	0.59850	458842.68	3756411.16	0.47247
458842.68	3756441.16	0.38731	458842.68	3756471.16	0.32577
458842.68	3756501.16	0.27954	458842.68	3756531.16	0.24357
458872.68	3756291.16	2.89171	458872.68	3756321.16	1.45989
458872.68	3756351.16	0.93657	458872.68	3756381.16	0.67607
458872.68	3756411.16	0.52259	458872.68	3756441.16	0.42220
458872.68	3756471.16	0.35080	458872.68	3756501.16	0.29848

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458872.68	3756531.16	0.25836	458902.68	3756291.16	3.45131
458902.68	3756321.16	1.68927	458902.68	3756351.16	1.05568
458902.68	3756381.16	0.74798	458902.68	3756411.16	0.57032
458902.68	3756441.16	0.45551	458902.68	3756471.16	0.37549
458902.68	3756501.16	0.31708	458902.68	3756531.16	0.27273
458932.68	3756291.16	3.85933	458932.68	3756321.16	1.88028
458932.68	3756351.16	1.16100	458932.68	3756381.16	0.81308
458932.68	3756411.16	0.61401	458932.68	3756441.16	0.48653
458932.68	3756471.16	0.39868	458932.68	3756501.16	0.33463
458932.68	3756531.16	0.28630	458962.68	3756291.16	4.15704
458962.68	3756321.16	2.03380	458962.68	3756351.16	1.25111
458962.68	3756381.16	0.87003	458962.68	3756411.16	0.65254
458962.68	3756441.16	0.51465	458962.68	3756471.16	0.41981
458962.68	3756501.16	0.35088	458962.68	3756531.16	0.29906
458992.68	3756291.16	4.37611	458992.68	3756321.16	2.16234
458992.68	3756351.16	1.32972	458992.68	3756381.16	0.92276
458992.68	3756411.16	0.68833	458992.68	3756441.16	0.54000
458992.68	3756471.16	0.43930	458992.68	3756501.16	0.36627
458992.68	3756531.16	0.31113	459022.68	3756291.16	4.52216
459022.68	3756321.16	2.26158	459022.68	3756351.16	1.39776
459022.68	3756381.16	0.97084	459022.68	3756411.16	0.72290
459022.68	3756441.16	0.56493	459022.68	3756471.16	0.45796
459022.68	3756501.16	0.38084	459022.68	3756531.16	0.32263
459052.68	3756291.16	4.62014	459052.68	3756321.16	2.33327
459052.68	3756351.16	1.45305	459052.68	3756381.16	1.01161
459052.68	3756411.16	0.75387	459052.68	3756441.16	0.58860
459052.68	3756471.16	0.47561	459052.68	3756501.16	0.39444
459052.68	3756531.16	0.33333	459082.68	3756291.16	4.66451
459082.68	3756321.16	2.37054	459082.68	3756351.16	1.48535
459082.68	3756381.16	1.04323	459082.68	3756411.16	0.78051
459082.68	3756441.16	0.60962	459082.68	3756471.16	0.49180
459082.68	3756501.16	0.40715	459082.68	3756531.16	0.34263
459112.68	3756291.16	4.65381	459112.68	3756321.16	2.37309
459112.68	3756351.16	1.48373	459112.68	3756381.16	1.06389
459112.68	3756411.16	0.80313	459112.68	3756441.16	0.62784
459112.68	3756471.16	0.50589	459112.68	3756501.16	0.41816
459112.68	3756531.16	0.35104	459142.68	3756291.16	4.73160
459142.68	3756321.16	2.40732	459142.68	3756351.16	1.49084
459142.68	3756381.16	1.06851	459142.68	3756411.16	0.81628
459142.68	3756441.16	0.64202	459142.68	3756471.16	0.51716

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459142.68	3756501.16	0.42733	459142.68	3756531.16	0.35761
459172.68	3756291.16	4.79048	459172.68	3756321.16	2.42995
459172.68	3756351.16	1.51326	459172.68	3756381.16	1.07129
459172.68	3756411.16	0.82265	459172.68	3756441.16	0.65218
459172.68	3756471.16	0.52693	459172.68	3756501.16	0.43506
459172.68	3756531.16	0.36241	459202.68	3756291.16	4.89392
459202.68	3756321.16	2.46284	459202.68	3756351.16	1.54734
459202.68	3756381.16	1.08999	459202.68	3756411.16	0.83263
459202.68	3756441.16	0.66105	459202.68	3756471.16	0.53577
459202.68	3756501.16	0.44169	459202.68	3756531.16	0.36932
459232.68	3756291.16	5.00233	459232.68	3756321.16	2.53456
459232.68	3756351.16	1.58659	459232.68	3756381.16	1.10772
459232.68	3756411.16	0.83757	459232.68	3756441.16	0.66624
459232.68	3756471.16	0.54250	459232.68	3756501.16	0.44845
459232.68	3756531.16	0.37585	459262.68	3756291.16	5.07487
459262.68	3756321.16	2.60836	459262.68	3756351.16	1.61938
459262.68	3756381.16	1.11635	459262.68	3756411.16	0.82979
459262.68	3756441.16	0.66849	459262.68	3756471.16	0.54716
459262.68	3756501.16	0.45324	459262.68	3756531.16	0.38021
459292.68	3756291.16	5.16140	459292.68	3756321.16	2.66060
459292.68	3756351.16	1.66001	459292.68	3756381.16	1.14695
459292.68	3756411.16	0.84812	459292.68	3756441.16	0.67234
459292.68	3756471.16	0.55031	459292.68	3756501.16	0.45675
459292.68	3756531.16	0.38297	459322.68	3756291.16	5.21307
459322.68	3756321.16	2.69438	459322.68	3756351.16	1.68893
459322.68	3756381.16	1.17415	459322.68	3756411.16	0.87130
459322.68	3756441.16	0.67445	459322.68	3756471.16	0.55289
459322.68	3756501.16	0.45935	459322.68	3756531.16	0.38435
459352.68	3756291.16	5.23187	459352.68	3756321.16	2.70894
459352.68	3756351.16	1.69847	459352.68	3756381.16	1.17921
459352.68	3756411.16	0.87123	459352.68	3756441.16	0.67966
459352.68	3756471.16	0.55225	459352.68	3756501.16	0.46004
459352.68	3756531.16	0.38151	459382.68	3756291.16	5.24508
459382.68	3756321.16	2.71893	459382.68	3756351.16	1.71254
459382.68	3756381.16	1.19222	459382.68	3756411.16	0.88069
459382.68	3756441.16	0.68582	459382.68	3756471.16	0.55459
459382.68	3756501.16	0.45651	459382.68	3756531.16	0.37959
458633.73	3756194.08	0.31006	458633.73	3756224.08	0.29489
458663.73	3756164.08	0.38786	458663.73	3756194.08	0.37555
458663.73	3756224.08	0.35635	458693.73	3756164.08	0.47736

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458693.73	3756194.08	0.46887	458693.73	3756224.08	0.44523
458723.73	3756194.08	0.60874	458723.73	3756224.08	0.58339
458753.73	3756224.08	0.82286	458783.73	3756224.08	1.31631

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458909.21	3756133.18	14.62971	458909.21	3756163.18	47.13004
458939.21	3756103.18	5.93958	458939.21	3756133.18	11.58903
458939.21	3756163.18	35.18665	458969.21	3756043.18	2.33649
458969.21	3756073.18	3.24201	458969.21	3756103.18	4.94213

458969.21	3756133.18	9.06401	458969.21	3756163.18	21.94539
458969.21	3756193.18	47.10462	458969.21	3756223.18	47.97163
458999.21	3756013.18	1.65403	458999.21	3756043.18	2.12963
458999.21	3756073.18	2.88837	458999.21	3756103.18	4.31406
458999.21	3756133.18	7.69129	458999.21	3756163.18	15.54454
458999.21	3756193.18	25.50041	458999.21	3756223.18	29.96335
459029.21	3755953.18	1.04548	459029.21	3755983.18	1.25691
459029.21	3756013.18	1.54674	459029.21	3756043.18	1.96750
459029.21	3756073.18	2.64311	459029.21	3756103.18	3.93357
459029.21	3756133.18	6.78651	459029.21	3756163.18	11.94198
459029.21	3756193.18	17.29608	459029.21	3756223.18	22.77427
459059.21	3755923.18	0.85107	459059.21	3755953.18	0.99939
459059.21	3755983.18	1.19384	459059.21	3756013.18	1.46011
459059.21	3756043.18	1.85244	459059.21	3756073.18	2.49836
459059.21	3756103.18	3.71952	459059.21	3756133.18	6.07251
459059.21	3756163.18	9.59499	459059.21	3756193.18	13.19254
459059.21	3756223.18	19.16975	459089.21	3755863.18	0.62160
459089.21	3755893.18	0.71003	459089.21	3755923.18	0.81967
459089.21	3755953.18	0.95900	459089.21	3755983.18	1.14173
459089.21	3756013.18	1.39463	459089.21	3756043.18	1.77466
459089.21	3756073.18	2.41120	459089.21	3756103.18	3.56090
459089.21	3756133.18	5.46997	459089.21	3756163.18	7.99791
459089.21	3756193.18	10.81753	459089.21	3756223.18	17.02082
459119.21	3755833.18	0.53341	459119.21	3755863.18	0.60291
459119.21	3755893.18	0.68739	459119.21	3755923.18	0.79205
459119.21	3755953.18	0.92502	459119.21	3755983.18	1.10059
459119.21	3756013.18	1.34667	459119.21	3756043.18	1.72262
459119.21	3756073.18	2.34952	459119.21	3756103.18	3.39256
459119.21	3756133.18	4.94509	459119.21	3756163.18	6.88648
459119.21	3756193.18	9.33210	459119.21	3756223.18	15.68246
459149.21	3755773.18	0.41544	459149.21	3755803.18	0.46264
459149.21	3755833.18	0.51856	459149.21	3755863.18	0.58557
459149.21	3755893.18	0.66693	459149.21	3755923.18	0.76772
459149.21	3755953.18	0.89646	459149.21	3755983.18	1.06866
459149.21	3756013.18	1.31437	459149.21	3756043.18	1.69097
459149.21	3756073.18	2.29236	459149.21	3756103.18	3.22097

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459149.21	3756133.18	4.50477	459149.21	3756163.18	6.08798
459149.21	3756193.18	8.33977	459149.21	3756223.18	14.79489
459179.21	3755773.18	0.40465	459179.21	3755803.18	0.45038
459179.21	3755833.18	0.50448	459179.21	3755863.18	0.56946
459179.21	3755893.18	0.64850	459179.21	3755923.18	0.74674
459179.21	3755953.18	0.87316	459179.21	3755983.18	1.04433
459179.21	3756013.18	1.29073	459179.21	3756043.18	1.66212
459179.21	3756073.18	2.22814	459179.21	3756103.18	3.05365
459179.21	3756133.18	4.13926	459179.21	3756163.18	5.50525
459179.21	3756193.18	7.64444	459179.21	3756223.18	14.18937
459209.21	3755803.18	0.43869	459209.21	3755833.18	0.49142
459209.21	3755863.18	0.55468	459209.21	3755893.18	0.63147
459209.21	3755923.18	0.72759	459209.21	3755953.18	0.85296
459209.21	3755983.18	1.02408	459209.21	3756013.18	1.27004
459209.21	3756043.18	1.63366	459209.21	3756073.18	2.16141
459209.21	3756103.18	2.89377	459209.21	3756133.18	3.83681
459209.21	3756163.18	5.06517	459209.21	3756193.18	7.16932
459209.21	3756223.18	13.79803	459239.21	3755803.18	0.42740
459239.21	3755833.18	0.47884	459239.21	3755863.18	0.54070
459239.21	3755893.18	0.61598	459239.21	3755923.18	0.71050
459239.21	3755953.18	0.83525	459239.21	3755983.18	1.00692
459239.21	3756013.18	1.25115	459239.21	3756043.18	1.60250
459239.21	3756073.18	2.09305	459239.21	3756103.18	2.74670
459239.21	3756133.18	3.58461	459239.21	3756163.18	4.72092
459239.21	3756193.18	6.77897	459239.21	3756223.18	13.39191
459269.21	3755833.18	0.46663	459269.21	3755863.18	0.52732
459269.21	3755893.18	0.60216	459269.21	3755923.18	0.69698
459269.21	3755953.18	0.82243	459269.21	3755983.18	0.99451
459269.21	3756013.18	1.23455	459269.21	3756043.18	1.56865
459269.21	3756073.18	2.02231	459269.21	3756103.18	2.61275

459269.21	3756133.18	3.36487	459269.21	3756163.18	4.42673
459269.21	3756193.18	6.46029	459269.21	3756223.18	13.13840
459299.21	3755863.18	0.51479	459299.21	3755893.18	0.58936
459299.21	3755923.18	0.68478	459299.21	3755953.18	0.81054
459299.21	3755983.18	0.98177	459299.21	3756013.18	1.21701
459299.21	3756043.18	1.53358	459299.21	3756073.18	1.94692
459299.21	3756103.18	2.48142	459299.21	3756133.18	3.16154
459299.21	3756163.18	4.15703	459299.21	3756193.18	6.16585
459299.21	3756223.18	12.88552	459329.21	3755863.18	0.50324
459329.21	3755893.18	0.57748	459329.21	3755923.18	0.67311

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459329.21	3755953.18	0.79928	459329.21	3755983.18	0.96789
459329.21	3756013.18	1.19348	459329.21	3756043.18	1.49328
459329.21	3756073.18	1.87245	459329.21	3756103.18	2.35963
459329.21	3756133.18	2.99747	459329.21	3756163.18	3.94990
459329.21	3756193.18	5.91744	459329.21	3756223.18	12.61442
459359.21	3755893.18	0.56623	459359.21	3755923.18	0.66207
459359.21	3755953.18	0.78825	459359.21	3755983.18	0.95128
459359.21	3756013.18	1.16077	459359.21	3756043.18	1.44407
459359.21	3756073.18	1.80432	459359.21	3756103.18	2.25516
459359.21	3756133.18	2.85671	459359.21	3756163.18	3.77457
459359.21	3756193.18	5.69428	459359.21	3756223.18	12.37535
459389.21	3755923.18	0.65155	459389.21	3755953.18	0.77665
459389.21	3755983.18	0.93531	459389.21	3756013.18	1.13352
459389.21	3756043.18	1.39694	459389.21	3756073.18	1.73786
459389.21	3756103.18	2.15822	459389.21	3756133.18	2.72106
459389.21	3756163.18	3.60199	459389.21	3756193.18	5.50259
459389.21	3756223.18	12.16246	458472.27	3755792.92	0.48701
458472.27	3755822.92	0.52141	458472.27	3755852.92	0.55520
458472.27	3755882.92	0.58765	458472.27	3755912.92	0.61687
458472.27	3755942.92	0.64131	458472.27	3755972.92	0.65869
458472.27	3756002.92	0.66498	458502.27	3755792.92	0.50861
458502.27	3755822.92	0.55039	458502.27	3755852.92	0.59235
458502.27	3755882.92	0.63384	458502.27	3755912.92	0.67320
458502.27	3755942.92	0.70793	458502.27	3755972.92	0.73564
458502.27	3756002.92	0.75223	458502.27	3756032.92	0.75252
458532.27	3755792.92	0.52766	458532.27	3755822.92	0.57724
458532.27	3755852.92	0.62888	458532.27	3755882.92	0.68103
458532.27	3755912.92	0.73270	458532.27	3755942.92	0.78099
458532.27	3755972.92	0.82252	458532.27	3756002.92	0.85320
458532.27	3756032.92	0.86599	458562.27	3755792.92	0.54379
458562.27	3755822.92	0.60079	458562.27	3755852.92	0.66278
458562.27	3755882.92	0.72774	458562.27	3755912.92	0.79403
458562.27	3755942.92	0.85956	458562.27	3755972.92	0.91988
458562.27	3756002.92	0.96953	458562.27	3756032.92	1.00099
458562.27	3756062.92	1.00432	458592.27	3755792.92	0.55687
458592.27	3755822.92	0.62051	458592.27	3755852.92	0.69240
458592.27	3755882.92	0.77121	458592.27	3755912.92	0.85516
458592.27	3755942.92	0.94172	458592.27	3755972.92	1.02658
458592.27	3756002.92	1.10286	458592.27	3756032.92	1.16121
458592.27	3756062.92	1.18824	458622.27	3755792.92	0.56761

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

458622.27	3755822.92	0.63650	458622.27	3755852.92	0.71697
458622.27	3755882.92	0.80958	458622.27	3755912.92	0.91301
458622.27	3755942.92	1.02436	458622.27	3755972.92	1.14006
458622.27	3756002.92	1.25264	458622.27	3756032.92	1.35001
458622.27	3756062.92	1.41516	458622.27	3756092.92	1.42699
458652.27	3755792.92	0.57759	458652.27	3755822.92	0.65019
458652.27	3755852.92	0.73736	458652.27	3755882.92	0.84157
458652.27	3755912.92	0.96381	458652.27	3755942.92	1.10285
458652.27	3755972.92	1.25563	458652.27	3756002.92	1.41555
458652.27	3756032.92	1.56934	458652.27	3756062.92	1.69443
458652.27	3756092.92	1.75847	458652.27	3756122.92	1.73464
458682.27	3755792.92	0.58895	458682.27	3755822.92	0.66395
458682.27	3755852.92	0.75552	458682.27	3755882.92	0.86795
458682.27	3755912.92	1.00610	458682.27	3755942.92	1.17208
458682.27	3755972.92	1.36669	458682.27	3756002.92	1.58613
458682.27	3756032.92	1.81726	458682.27	3756062.92	2.03400
458682.27	3756092.92	2.19034	458682.27	3756122.92	2.23114
458712.27	3755792.92	0.60197	458712.27	3755822.92	0.67896
458712.27	3755852.92	0.77358	458712.27	3755882.92	0.89191
458712.27	3755912.92	1.04169	458712.27	3755942.92	1.23015
458712.27	3755972.92	1.46510	458712.27	3756002.92	1.75145
458712.27	3756032.92	2.08197	458712.27	3756062.92	2.43286
458712.27	3756092.92	2.74792	458712.27	3756122.92	2.93209
458712.27	3756152.92	2.90492	458742.27	3755792.92	0.61470
458742.27	3755822.92	0.69468	458742.27	3755852.92	0.79295
458742.27	3755882.92	0.91617	458742.27	3755912.92	1.07427
458742.27	3755942.92	1.27961	458742.27	3755972.92	1.54765
458742.27	3756002.92	1.89790	458742.27	3756032.92	2.34331
458742.27	3756062.92	2.87729	458742.27	3756092.92	3.45154
458742.27	3756122.92	3.92900	458742.27	3756152.92	4.11165
458742.27	3756182.92	3.94959	458772.27	3755792.92	0.62327
458772.27	3755822.92	0.70716	458772.27	3755852.92	0.81010
458772.27	3755882.92	0.93897	458772.27	3755912.92	1.10479
458772.27	3755942.92	1.32327	458772.27	3755972.92	1.61732
458772.27	3756002.92	2.02054	458772.27	3756032.92	2.57823
458772.27	3756062.92	3.33118	458772.27	3756092.92	4.28715
458772.27	3756122.92	5.33092	458772.27	3756152.92	6.10960
458772.27	3756182.92	6.24532	458802.27	3755792.92	0.62346
458802.27	3755822.92	0.71047	458802.27	3755852.92	0.81779
458802.27	3755882.92	0.95261	458802.27	3755912.92	1.12634

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458802.27	3755942.92	1.35679	458802.27	3755972.92	1.67171
458802.27	3756002.92	2.11645	458802.27	3756032.92	2.76720
458802.27	3756062.92	3.74162	458802.27	3756092.92	5.18931
458802.27	3756122.92	7.21803	458802.27	3756152.92	9.53785
458802.27	3756182.92	11.14481	458802.27	3756212.92	10.98551
458832.27	3755792.92	0.61317	458832.27	3755822.92	0.70062
458832.27	3755852.92	0.80948	458832.27	3755882.92	0.94731
458832.27	3755912.92	1.12586	458832.27	3755942.92	1.36441
458832.27	3755972.92	1.69372	458832.27	3756002.92	2.16739
458832.27	3756032.92	2.88445	458832.27	3756062.92	4.03865
458832.27	3756092.92	6.00391	458832.27	3756122.92	9.47966
458832.27	3756152.92	15.40334	458832.27	3756182.92	23.36896
458862.27	3755792.92	0.59401	458862.27	3755822.92	0.67869
458862.27	3755852.92	0.78455	458862.27	3755882.92	0.91947
458862.27	3755912.92	1.09530	458862.27	3755942.92	1.33135
458862.27	3755972.92	1.66056	458862.27	3756002.92	2.14015
458862.27	3756032.92	2.88117	458862.27	3756062.92	4.12401
458862.27	3756092.92	6.44398	458862.27	3756122.92	11.39797
458862.27	3756152.92	23.95144	458892.27	3755792.92	0.57068
458892.27	3755822.92	0.65051	458892.27	3755852.92	0.74990
458892.27	3755882.92	0.87649	458892.27	3755912.92	1.04156
458892.27	3755942.92	1.26307	458892.27	3755972.92	1.57208
458892.27	3756002.92	2.02403	458892.27	3756032.92	2.72752
458892.27	3756062.92	3.92360	458892.27	3756092.92	6.24428
458922.27	3755792.92	0.54840	458922.27	3755822.92	0.62299

458922.27	3755852.92	0.71519	458922.27	3755882.92	0.83173
458922.27	3755912.92	0.98266	458922.27	3755942.92	1.18357
458922.27	3755972.92	1.46075	458922.27	3756002.92	1.86196
458922.27	3756032.92	2.47893	458922.27	3756062.92	3.51402
458952.27	3755792.92	0.52993	458952.27	3755822.92	0.60020
458952.27	3755852.92	0.68631	458952.27	3755882.92	0.79419
458952.27	3755912.92	0.93246	458952.27	3755942.92	1.11423
458952.27	3755972.92	1.36111	458952.27	3756002.92	1.71098
458982.27	3755792.92	0.51502	458982.27	3755822.92	0.58181
458982.27	3755852.92	0.66330	458982.27	3755882.92	0.76433
458982.27	3755912.92	0.89246	458982.27	3755942.92	1.05871
458982.27	3755972.92	1.28095	459012.27	3755792.92	0.50207
459012.27	3755822.92	0.56587	459012.27	3755852.92	0.64333
459012.27	3755882.92	0.73852	459012.27	3755912.92	0.85791
459042.27	3755792.92	0.48976	459042.27	3755822.92	0.55072

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459042.27	3755852.92	0.62417	459042.27	3755882.92	0.71401
459072.27	3755792.92	0.47737	459072.27	3755822.92	0.53564
459102.27	3755792.92	0.46481	458632.68	3756291.16	1.04482
458632.68	3756321.16	0.95166	458632.68	3756351.16	0.85955
458632.68	3756381.16	0.77529	458662.68	3756291.16	1.27792
458662.68	3756321.16	1.14292	458662.68	3756351.16	1.01578
458662.68	3756381.16	0.89877	458662.68	3756411.16	0.78988
458662.68	3756441.16	0.69280	458662.68	3756471.16	0.61033
458662.68	3756501.16	0.54115	458662.68	3756531.16	0.48225
458692.68	3756291.16	1.60106	458692.68	3756321.16	1.39926
458692.68	3756351.16	1.21387	458692.68	3756381.16	1.04531
458692.68	3756411.16	0.89798	458692.68	3756441.16	0.77505
458692.68	3756471.16	0.67375	458692.68	3756501.16	0.58928
458692.68	3756531.16	0.51798	458722.68	3756291.16	2.06845
458722.68	3756321.16	1.74783	458722.68	3756351.16	1.46227
458722.68	3756381.16	1.21987	458722.68	3756411.16	1.02324
458722.68	3756441.16	0.86592	458722.68	3756471.16	0.73908
458722.68	3756501.16	0.63592	458722.68	3756531.16	0.55150
458752.68	3756291.16	2.77448	458752.68	3756321.16	2.22156
458752.68	3756351.16	1.77203	458752.68	3756381.16	1.42464
458752.68	3756411.16	1.16037	458752.68	3756441.16	0.95815
458752.68	3756471.16	0.80175	458752.68	3756501.16	0.67987
458752.68	3756531.16	0.58324	458782.68	3756291.16	3.87774
458782.68	3756321.16	2.85836	458782.68	3756351.16	2.14261
458782.68	3756381.16	1.64698	458782.68	3756411.16	1.29831
458782.68	3756441.16	1.04681	458782.68	3756471.16	0.86127
458782.68	3756501.16	0.72153	458782.68	3756531.16	0.61362
458812.68	3756291.16	5.59314	458812.68	3756321.16	3.65089
458812.68	3756351.16	2.54385	458812.68	3756381.16	1.86835
458812.68	3756411.16	1.42901	458812.68	3756441.16	1.12916
458812.68	3756471.16	0.91637	458812.68	3756501.16	0.75998
458812.68	3756531.16	0.64141	458842.68	3756291.16	7.86659
458842.68	3756321.16	4.49305	458842.68	3756351.16	2.92603
458842.68	3756381.16	2.06500	458842.68	3756411.16	1.54057
458842.68	3756441.16	1.20003	458842.68	3756471.16	0.96145
458842.68	3756501.16	0.79053	458842.68	3756531.16	0.66321
458872.68	3756291.16	9.86171	458872.68	3756321.16	5.16236
458872.68	3756351.16	3.21508	458872.68	3756381.16	2.20879
458872.68	3756411.16	1.62167	458872.68	3756441.16	1.25104
458872.68	3756471.16	0.99246	458872.68	3756501.16	0.81292

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458872.68	3756531.16	0.68036	458902.68	3756291.16	10.75033
458902.68	3756321.16	5.46728	458902.68	3756351.16	3.34609
458902.68	3756381.16	2.28042	458902.68	3756411.16	1.66780
458902.68	3756441.16	1.27983	458902.68	3756471.16	1.01592
458902.68	3756501.16	0.82959	458902.68	3756531.16	0.69248
458932.68	3756291.16	10.59786	458932.68	3756321.16	5.45133
458932.68	3756351.16	3.35309	458932.68	3756381.16	2.29167
458932.68	3756411.16	1.67935	458932.68	3756441.16	1.29055
458932.68	3756471.16	1.02705	458932.68	3756501.16	0.83824
458932.68	3756531.16	0.69911	458962.68	3756291.16	9.82766
458962.68	3756321.16	5.22184	458962.68	3756351.16	3.27412
458962.68	3756381.16	2.25922	458962.68	3756411.16	1.66426
458962.68	3756441.16	1.28581	458962.68	3756471.16	1.02675
458962.68	3756501.16	0.84012	458962.68	3756531.16	0.70181
458992.68	3756291.16	8.97018	458992.68	3756321.16	4.93849
458992.68	3756351.16	3.16252	458992.68	3756381.16	2.21237
458992.68	3756411.16	1.63964	458992.68	3756441.16	1.27111
458992.68	3756471.16	1.02016	458992.68	3756501.16	0.83829
458992.68	3756531.16	0.70153	459022.68	3756291.16	8.18215
459022.68	3756321.16	4.63740	459022.68	3756351.16	3.03939
459022.68	3756381.16	2.15906	459022.68	3756411.16	1.61425
459022.68	3756441.16	1.25669	459022.68	3756471.16	1.01162
459022.68	3756501.16	0.83383	459022.68	3756531.16	0.69928
459052.68	3756291.16	7.54432	459052.68	3756321.16	4.34187
459052.68	3756351.16	2.90556	459052.68	3756381.16	2.09530
459052.68	3756411.16	1.58403	459052.68	3756441.16	1.24162
459052.68	3756471.16	1.00201	459052.68	3756501.16	0.82773
459052.68	3756531.16	0.69535	459082.68	3756291.16	7.02729
459082.68	3756321.16	4.05791	459082.68	3756351.16	2.74868
459082.68	3756381.16	2.01944	459082.68	3756411.16	1.54752
459082.68	3756441.16	1.22251	459082.68	3756471.16	0.99074
459082.68	3756501.16	0.82102	459082.68	3756531.16	0.68955
459112.68	3756291.16	6.59192	459112.68	3756321.16	3.79230
459112.68	3756351.16	2.56521	459112.68	3756381.16	1.93520
459112.68	3756411.16	1.50700	459112.68	3756441.16	1.19940
459112.68	3756471.16	0.97606	459112.68	3756501.16	0.81148
459112.68	3756531.16	0.68116	459142.68	3756291.16	6.35719
459142.68	3756321.16	3.61824	459142.68	3756351.16	2.42141
459142.68	3756381.16	1.83233	459142.68	3756411.16	1.45470
459142.68	3756441.16	1.17192	459142.68	3756471.16	0.95757

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459142.68	3756501.16	0.79805	459142.68	3756531.16	0.66799
459172.68	3756291.16	6.16867	459172.68	3756321.16	3.47120
459172.68	3756351.16	2.32612	459172.68	3756381.16	1.73981
459172.68	3756411.16	1.39362	459172.68	3756441.16	1.13906
459172.68	3756471.16	0.93754	459172.68	3756501.16	0.78204
459172.68	3756531.16	0.65394	459202.68	3756291.16	6.08139
459202.68	3756321.16	3.37079	459202.68	3756351.16	2.26818
459202.68	3756381.16	1.68499	459202.68	3756411.16	1.34575
459202.68	3756441.16	1.10643	459202.68	3756471.16	0.91870
459202.68	3756501.16	0.76821	459202.68	3756531.16	0.64709
459232.68	3756291.16	6.03432	459232.68	3756321.16	3.34283
459232.68	3756351.16	2.23414	459232.68	3756381.16	1.63957
459232.68	3756411.16	1.29482	459232.68	3756441.16	1.07017
459232.68	3756471.16	0.89763	459232.68	3756501.16	0.75692
459232.68	3756531.16	0.64155	459262.68	3756291.16	5.97515
459262.68	3756321.16	3.33310	459262.68	3756351.16	2.20343
459262.68	3756381.16	1.59249	459262.68	3756411.16	1.23619
459262.68	3756441.16	1.03212	459262.68	3756471.16	0.87401
459262.68	3756501.16	0.74240	459262.68	3756531.16	0.63292
459292.68	3756291.16	5.95623	459292.68	3756321.16	3.31080

459292.68	3756351.16	2.19300	459292.68	3756381.16	1.58545
459292.68	3756411.16	1.21962	459292.68	3756441.16	1.00128
459292.68	3756471.16	0.84891	459292.68	3756501.16	0.72592
459292.68	3756531.16	0.62179	459322.68	3756291.16	5.92013
459322.68	3756321.16	3.27887	459322.68	3756351.16	2.17485
459322.68	3756381.16	1.58060	459322.68	3756411.16	1.21530
459322.68	3756441.16	0.97438	459322.68	3756471.16	0.82520
459322.68	3756501.16	0.70815	459322.68	3756531.16	0.60812
459352.68	3756291.16	5.85909	459352.68	3756321.16	3.23319
459352.68	3756351.16	2.13751	459352.68	3756381.16	1.54875
459352.68	3756411.16	1.18623	459352.68	3756441.16	0.95481
459352.68	3756471.16	0.80155	459352.68	3756501.16	0.68868
459352.68	3756531.16	0.58968	459382.68	3756291.16	5.80321
459382.68	3756321.16	3.19037	459382.68	3756351.16	2.11275
459382.68	3756381.16	1.53332	459382.68	3756411.16	1.17297
459382.68	3756441.16	0.94111	459382.68	3756471.16	0.78398
459382.68	3756501.16	0.66592	459382.68	3756531.16	0.57187
458633.73	3756194.08	1.28970	458633.73	3756224.08	1.22356
458663.73	3756164.08	1.76003	458663.73	3756194.08	1.64174
458663.73	3756224.08	1.54540	458693.73	3756164.08	2.33783

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458693.73	3756194.08	2.17146	458693.73	3756224.08	2.02484
458723.73	3756194.08	3.02372	458723.73	3756224.08	2.78918
458753.73	3756224.08	4.13470	458783.73	3756224.08	6.89885

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458909.21	3756133.18	401.38468	(21052708)	458909.21	3756163.18	823.57655	(21052707)
458939.21	3756103.18	227.58618	(19062708)	458939.21	3756133.18	363.73994	(21122914)
458939.21	3756163.18	668.48503	(21122914)	458969.21	3756043.18	121.10100	(19062708)
458969.21	3756073.18	166.23957	(19062708)	458969.21	3756103.18	216.36721	(21122914)
458969.21	3756133.18	273.61016	(23041408)	458969.21	3756163.18	612.79332	(19122708)
458969.21	3756193.18	1104.18439	(23012407)	458969.21	3756223.18	1169.34639	(19120908)
458999.21	3756013.18	95.69638	(19062708)	458999.21	3756043.18	113.87589	(21122914)
458999.21	3756073.18	136.34248	(23041408)	458999.21	3756103.18	178.85458	(23041408)
458999.21	3756133.18	288.54939	(19122708)	458999.21	3756163.18	435.19255	(23012408)
458999.21	3756193.18	765.07719	(19011808)	458999.21	3756223.18	839.80327	(19120908)
459029.21	3755953.18	62.13450	(19062708)	459029.21	3755983.18	71.09992	(19062708)
459029.21	3756013.18	79.32300	(21122914)	459029.21	3756043.18	101.64835	(23041408)
459029.21	3756073.18	124.27719	(23041408)	459029.21	3756103.18	153.98778	(19122708)
459029.21	3756133.18	282.17970	(19122708)	459029.21	3756163.18	340.64224	(23012408)
459029.21	3756193.18	578.55011	(19011808)	459029.21	3756223.18	648.12806	(22022107)
459059.21	3755923.18	48.69524	(19062708)	459059.21	3755953.18	53.63247	(21122914)
459059.21	3755983.18	58.80243	(23041408)	459059.21	3756013.18	77.84449	(23041408)
459059.21	3756043.18	89.28480	(23041408)	459059.21	3756073.18	94.77438	(21020910)
459059.21	3756103.18	178.82737	(19122708)	459059.21	3756133.18	227.77660	(19122708)
459059.21	3756163.18	264.08344	(19011408)	459059.21	3756193.18	459.76630	(19011808)
459059.21	3756223.18	526.14642	(22022107)	459089.21	3755863.18	35.15417	(19062708)
459089.21	3755893.18	38.62525	(21122914)	459089.21	3755923.18	40.35036	(21122914)
459089.21	3755953.18	48.91560	(23041408)	459089.21	3755983.18	61.32621	(23041408)
459089.21	3756013.18	67.44484	(23041408)	459089.21	3756043.18	67.97351	(21020910)
459089.21	3756073.18	115.10699	(19122708)	459089.21	3756103.18	172.86050	(19122708)
459089.21	3756133.18	188.93165	(23012408)	459089.21	3756163.18	206.80118	(19011408)

459089.21	3756193.18	377.79795	(19011808)	459089.21	3756223.18	433.96104	(22022107)
459119.21	3755833.18	29.09190	(21122914)	459119.21	3755863.18	30.57466	(21122914)
459119.21	3755893.18	31.94478	(21123014)	459119.21	3755923.18	41.06636	(23041408)
459119.21	3755953.18	49.34497	(23041408)	459119.21	3755983.18	52.60317	(23041408)
459119.21	3756013.18	50.89929	(21020910)	459119.21	3756043.18	75.93957	(19122708)
459119.21	3756073.18	125.12220	(19122708)	459119.21	3756103.18	147.26525	(19122708)
459119.21	3756133.18	164.40530	(23012408)	459119.21	3756163.18	161.40741	(19011408)
459119.21	3756193.18	318.19533	(19011808)	459119.21	3756223.18	362.11269	(22022107)
459149.21	3755773.18	22.65622	(21122914)	459149.21	3755803.18	23.92261	(21122914)
459149.21	3755833.18	24.05785	(21122914)	459149.21	3755863.18	27.40000	(23041408)
459149.21	3755893.18	34.83000	(23041408)	459149.21	3755923.18	40.46340	(23041408)
459149.21	3755953.18	42.08689	(23041408)	459149.21	3755983.18	38.78394	(21020910)
459149.21	3756013.18	51.54800	(19122708)	459149.21	3756043.18	89.44397	(19122708)
459149.21	3756073.18	120.13029	(19122708)	459149.21	3756103.18	118.60450	(23012408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459149.21	3756133.18	141.17858	(19011408)	459149.21	3756163.18	128.67518	(23010908)
459149.21	3756193.18	273.44230	(19011808)	459149.21	3756223.18	313.96603	(23012407)
459179.21	3755773.18	19.48337	(21122914)	459179.21	3755803.18	20.87110	(21123014)
459179.21	3755833.18	24.18137	(23041408)	459179.21	3755863.18	29.70940	(23041408)
459179.21	3755893.18	33.56459	(23041408)	459179.21	3755923.18	34.28809	(23041408)
459179.21	3755953.18	31.05063	(23041408)	459179.21	3755983.18	41.13659	(21020910)
459179.21	3756013.18	64.10180	(19122708)	459179.21	3756043.18	93.76798	(19122708)
459179.21	3756073.18	105.45039	(19122708)	459179.21	3756103.18	112.13125	(23012408)
459179.21	3756133.18	122.79772	(19011408)	459179.21	3756163.18	115.22033	(23010908)
459179.21	3756193.18	238.54955	(19011808)	459179.21	3756223.18	275.19036	(23012407)
459209.21	3755803.18	21.39877	(23041408)	459209.21	3755833.18	25.54203	(23041408)
459209.21	3755863.18	28.20959	(23041408)	459209.21	3755893.18	28.47210	(23041408)
459209.21	3755923.18	26.06266	(23050110)	459209.21	3755953.18	33.66156	(21020910)
459209.21	3755983.18	46.36396	(19122708)	459209.21	3756013.18	71.71736	(19122708)
459209.21	3756043.18	89.86741	(19122708)	459209.21	3756073.18	86.94954	(19122708)
459209.21	3756103.18	101.47917	(23012408)	459209.21	3756133.18	105.25999	(19011408)
459209.21	3756163.18	103.34982	(23010908)	459209.21	3756193.18	209.47065	(19011808)
459209.21	3756223.18	242.92050	(23012407)	459239.21	3755803.18	22.16134	(23041408)
459239.21	3755833.18	23.99333	(23041408)	459239.21	3755863.18	23.84065	(23041408)
459239.21	3755893.18	22.22104	(23050110)	459239.21	3755923.18	27.65550	(21020910)
459239.21	3755953.18	33.94886	(19122708)	459239.21	3755983.18	54.42492	(19122708)
459239.21	3756013.18	73.57246	(19122708)	459239.21	3756043.18	80.47640	(19122708)
459239.21	3756073.18	80.05782	(23012408)	459239.21	3756103.18	90.31063	(19011408)
459239.21	3756133.18	89.45014	(19011408)	459239.21	3756163.18	95.25177	(19011808)
459239.21	3756193.18	186.90503	(19011808)	459239.21	3756223.18	216.27440	(23012407)
459269.21	3755833.18	20.26746	(23041408)	459269.21	3755863.18	19.11118	(23050110)
459269.21	3755893.18	22.54511	(21020910)	459269.21	3755923.18	27.61134	(21020910)
459269.21	3755953.18	41.36551	(19122708)	459269.21	3755983.18	58.99333	(19122708)
459269.21	3756013.18	70.53642	(19122708)	459269.21	3756043.18	68.50944	(19122708)
459269.21	3756073.18	76.27588	(23012408)	459269.21	3756103.18	82.92894	(19011408)
459269.21	3756133.18	78.09161	(19011408)	459269.21	3756163.18	91.52779	(19011808)
459269.21	3756193.18	174.04174	(19011808)	459269.21	3756223.18	196.82945	(23012407)
459299.21	3755863.18	18.64759	(21020910)	459299.21	3755893.18	23.36303	(21020910)
459299.21	3755923.18	31.59211	(19122708)	459299.21	3755953.18	46.77081	(19122708)
459299.21	3755983.18	59.77652	(19122708)	459299.21	3756013.18	64.12080	(19122708)
459299.21	3756043.18	59.57298	(23012408)	459299.21	3756073.18	74.06955	(23012408)
459299.21	3756103.18	84.21689	(19011408)	459299.21	3756133.18	76.42642	(19011408)
459299.21	3756163.18	92.40862	(23010908)	459299.21	3756193.18	165.41972	(19011808)
459299.21	3756223.18	186.48885	(23012407)	459329.21	3755863.18	19.84668	(21020910)
459329.21	3755893.18	24.28493	(19122708)	459329.21	3755923.18	36.92748	(19122708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459329.21	3755953.18	49.60135	(19122708)	459329.21	3755983.18	57.42600	(19122708)
459329.21	3756013.18	57.28130	(19122708)	459329.21	3756043.18	61.73453	(23012408)
459329.21	3756073.18	77.20437	(19011408)	459329.21	3756103.18	85.31516	(19011408)
459329.21	3756133.18	70.37825	(21120308)	459329.21	3756163.18	93.84065	(21120308)
459329.21	3756193.18	156.96796	(19011808)	459329.21	3756223.18	178.83517	(23012407)
459359.21	3755893.18	29.13740	(19122708)	459359.21	3755923.18	40.64163	(19122708)
459359.21	3755953.18	49.87142	(19122708)	459359.21	3755983.18	55.40665	(19122708)
459359.21	3756013.18	55.87593	(19122708)	459359.21	3756043.18	65.75210	(23012408)
459359.21	3756073.18	79.15934	(19011408)	459359.21	3756103.18	81.50936	(19011408)
459359.21	3756133.18	79.76166	(22122907)	459359.21	3756163.18	95.15159	(21120308)
459359.21	3756193.18	148.72663	(19011808)	459359.21	3756223.18	172.34110	(23012407)
459389.21	3755923.18	42.48860	(19122708)	459389.21	3755953.18	47.97589	(19122708)
459389.21	3755983.18	50.91688	(19122708)	459389.21	3756013.18	55.29472	(20121708)
459389.21	3756043.18	67.63318	(19011408)	459389.21	3756073.18	79.91547	(19011408)
459389.21	3756103.18	75.26510	(19011408)	459389.21	3756133.18	90.20111	(22122907)
459389.21	3756163.18	96.52434	(21120308)	459389.21	3756193.18	140.35849	(19011808)
459389.21	3756223.18	165.59270	(23012407)	458472.27	3755792.92	34.98812	(21122107)
458472.27	3755822.92	36.65205	(22010607)	458472.27	3755852.92	38.47540	(23011207)
458472.27	3755882.92	40.02800	(19011007)	458472.27	3755912.92	42.84981	(22022807)
458472.27	3755942.92	51.59049	(22020807)	458472.27	3755972.92	59.70678	(22020807)
458472.27	3756002.92	61.49938	(20122107)	458502.27	3755792.92	36.10015	(22122307)
458502.27	3755822.92	38.74441	(21122107)	458502.27	3755852.92	40.75111	(19120307)
458502.27	3755882.92	42.64773	(23011207)	458502.27	3755912.92	44.75471	(21010707)
458502.27	3755942.92	50.07411	(20010107)	458502.27	3755972.92	61.70773	(22020807)
458502.27	3756002.92	68.07532	(21012907)	458502.27	3756032.92	69.62429	(20012407)
458532.27	3755792.92	38.39695	(23011107)	458532.27	3755822.92	40.06703	(22122307)
458532.27	3755852.92	43.23505	(21122107)	458532.27	3755882.92	45.66725	(19120307)
458532.27	3755912.92	47.77101	(20022107)	458532.27	3755942.92	50.87686	(22012107)
458532.27	3755972.92	60.64709	(23120507)	458532.27	3756002.92	72.58063	(22020807)
458532.27	3756032.92	75.43949	(20122107)	458562.27	3755792.92	39.91608	(22012407)
458562.27	3755822.92	42.72519	(23011107)	458562.27	3755852.92	44.89924	(23122807)
458562.27	3755882.92	48.65730	(21122107)	458562.27	3755912.92	51.59756	(19120307)
458562.27	3755942.92	54.35994	(20022107)	458562.27	3755972.92	58.82276	(22022807)
458562.27	3756002.92	74.63093	(22020807)	458562.27	3756032.92	84.57749	(21012907)
458562.27	3756062.92	87.27246	(20012407)	458592.27	3755792.92	42.22596	(20120107)
458592.27	3755822.92	44.65573	(23120607)	458592.27	3755852.92	47.95705	(19012307)
458592.27	3755882.92	50.76409	(23122807)	458592.27	3755912.92	55.32210	(21122107)
458592.27	3755942.92	59.00225	(23011207)	458592.27	3755972.92	62.44830	(19011007)
458592.27	3756002.92	72.60193	(23120507)	458592.27	3756032.92	90.91405	(22020807)
458592.27	3756062.92	95.72779	(20122107)	458622.27	3755792.92	44.53689	(22122607)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458622.27	3755822.92	47.53177	(22122607)	458622.27	3755852.92	50.64010	(23120607)
458622.27	3755882.92	54.46955	(19012307)	458622.27	3755912.92	58.17339	(21121307)
458622.27	3755942.92	63.74503	(21122107)	458622.27	3755972.92	68.48723	(23011207)
458622.27	3756002.92	73.19007	(22012107)	458622.27	3756032.92	92.62904	(22020807)
458622.27	3756062.92	109.17983	(21012907)	458622.27	3756092.92	113.87237	(20122307)
458652.27	3755792.92	45.98753	(21123007)	458652.27	3755822.92	49.46970	(21123008)
458652.27	3755852.92	54.21713	(22122607)	458652.27	3755882.92	57.84934	(23120607)
458652.27	3755912.92	62.55865	(19012307)	458652.27	3755942.92	67.54830	(21121307)
458652.27	3755972.92	74.54270	(21122107)	458652.27	3756002.92	80.51407	(23011207)
458652.27	3756032.92	88.46049	(20010107)	458652.27	3756062.92	118.48770	(22020807)
458652.27	3756092.92	127.40179	(20122107)	458652.27	3756122.92	139.84846	(20120307)
458682.27	3755792.92	47.09365	(21123007)	458682.27	3755822.92	52.26489	(21123007)
458682.27	3755852.92	55.75942	(21123008)	458682.27	3755882.92	61.86640	(22122607)
458682.27	3755912.92	66.99778	(20120107)	458682.27	3755942.92	72.84093	(22012407)
458682.27	3755972.92	79.77980	(21121307)	458682.27	3756002.92	88.96779	(21122107)
458682.27	3756032.92	97.14343	(20022107)	458682.27	3756062.92	119.14404	(23120507)
458682.27	3756092.92	149.11469	(21012907)	458682.27	3756122.92	159.73418	(20122307)
458712.27	3755792.92	51.60639	(20012807)	458712.27	3755822.92	52.10784	(20012807)
458712.27	3755852.92	58.33820	(21123007)	458712.27	3755882.92	64.89729	(21123007)
458712.27	3755912.92	70.88710	(21123008)	458712.27	3755942.92	79.29672	(22122607)
458712.27	3755972.92	86.75044	(20080507)	458712.27	3756002.92	96.42923	(21121307)

458712.27	3756032.92	108.73463	(21122107)	458712.27	3756062.92	120.43371	(20022107)
458712.27	3756092.92	163.43943	(22020807)	458712.27	3756122.92	184.33536	(20012407)
458712.27	3756152.92	204.32450	(21121707)	458742.27	3755792.92	55.68966	(20012807)
458742.27	3755822.92	60.80528	(20012807)	458742.27	3755852.92	64.59233	(20012807)
458742.27	3755882.92	66.28997	(20012807)	458742.27	3755912.92	74.87811	(21123007)
458742.27	3755942.92	83.60683	(21123007)	458742.27	3755972.92	94.88358	(22122607)
458742.27	3756002.92	111.83680	(20080507)	458742.27	3756032.92	119.66688	(23011107)
458742.27	3756062.92	137.55046	(21022307)	458742.27	3756092.92	166.74945	(21050707)
458742.27	3756122.92	221.74537	(21012907)	458742.27	3756152.92	248.93248	(20120307)
458742.27	3756182.92	323.57552	(23122108)	458772.27	3755792.92	57.52616	(19021407)
458772.27	3755822.92	61.77557	(19010307)	458772.27	3755852.92	68.60387	(19010307)
458772.27	3755882.92	76.53475	(20012807)	458772.27	3755912.92	83.76557	(20012807)
458772.27	3755942.92	88.25952	(20012807)	458772.27	3755972.92	100.73424	(21123007)
458772.27	3756002.92	114.31154	(21123008)	458772.27	3756032.92	146.27853	(20080507)
458772.27	3756062.92	157.26095	(20080507)	458772.27	3756092.92	181.91665	(21022307)
458772.27	3756122.92	255.04480	(21050707)	458772.27	3756152.92	301.96416	(20122307)
458772.27	3756182.92	385.93966	(23122108)	458802.27	3755792.92	57.54845	(19021407)
458802.27	3755822.92	64.82692	(19021407)	458802.27	3755852.92	72.39176	(19021407)
458802.27	3755882.92	79.84346	(19021407)	458802.27	3755912.92	87.60154	(19010307)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458802.27	3755942.92	99.92828	(20012807)	458802.27	3755972.92	114.11552	(20012807)
458802.27	3756002.92	124.57457	(20012807)	458802.27	3756032.92	145.10588	(21123007)
458802.27	3756062.92	194.96275	(20080507)	458802.27	3756092.92	230.71788	(20080507)
458802.27	3756122.92	271.14264	(21050707)	458802.27	3756152.92	395.01150	(21050707)
458802.27	3756182.92	482.63570	(23122108)	458802.27	3756212.92	790.61987	(21010507)
458832.27	3755792.92	47.12778	(19021407)	458832.27	3755822.92	55.52338	(19021407)
458832.27	3755852.92	65.48002	(19021407)	458832.27	3755882.92	77.08977	(19021407)
458832.27	3755912.92	90.38438	(19021407)	458832.27	3755942.92	105.45253	(19021407)
458832.27	3755972.92	121.74230	(19021407)	458832.27	3756002.92	139.15842	(19010307)
458832.27	3756032.92	165.88964	(20012807)	458832.27	3756062.92	193.77042	(20012807)
458832.27	3756092.92	267.14315	(20080507)	458832.27	3756122.92	360.40098	(20080507)
458832.27	3756152.92	519.49463	(21050707)	458832.27	3756182.92	656.59360	(23122108)
458862.27	3755792.92	41.44783	(23101707)	458862.27	3755822.92	45.87431	(23101707)
458862.27	3755852.92	51.06430	(23101707)	458862.27	3755882.92	57.18988	(23101707)
458862.27	3755912.92	70.58185	(19021407)	458862.27	3755942.92	87.94075	(19021407)
458862.27	3755972.92	110.35924	(19021407)	458862.27	3756002.92	138.93537	(19021407)
458862.27	3756032.92	174.55688	(19021407)	458862.27	3756062.92	218.81545	(19021407)
458862.27	3756092.92	274.85776	(19010307)	458862.27	3756122.92	396.17216	(21052707)
458862.27	3756152.92	676.96147	(20080507)	458892.27	3755792.92	37.31898	(23101707)
458892.27	3755822.92	41.82380	(23101707)	458892.27	3755852.92	47.24196	(23101707)
458892.27	3755882.92	53.88809	(23101707)	458892.27	3755912.92	62.14883	(23101707)
458892.27	3755942.92	72.54576	(23101707)	458892.27	3755972.92	85.99014	(23101707)
458892.27	3756002.92	103.86591	(23101707)	458892.27	3756032.92	128.40146	(23101707)
458892.27	3756062.92	180.47782	(19021407)	458892.27	3756092.92	261.41909	(19021407)
458922.27	3755792.92	28.71973	(23112414)	458922.27	3755822.92	32.81218	(23112414)
458922.27	3755852.92	37.81599	(23112414)	458922.27	3755882.92	43.96537	(23112414)
458922.27	3755912.92	51.61509	(23112414)	458922.27	3755942.92	61.74173	(19011811)
458922.27	3755972.92	75.11826	(19011811)	458922.27	3756002.92	93.71914	(21122314)
458922.27	3756032.92	121.46484	(21122314)	458922.27	3756062.92	161.91764	(21122314)
458952.27	3755792.92	33.70194	(23121808)	458952.27	3755822.92	38.62312	(23121808)
458952.27	3755852.92	44.48016	(23121808)	458952.27	3755882.92	51.51324	(23121808)
458952.27	3755912.92	60.01812	(23121808)	458952.27	3755942.92	70.32524	(23121808)
458952.27	3755972.92	82.84329	(23121808)	458952.27	3756002.92	98.12812	(23121808)
458982.27	3755792.92	37.90925	(23121808)	458982.27	3755822.92	42.14597	(23121808)
458982.27	3755852.92	46.81936	(23121808)	458982.27	3755882.92	51.90000	(23121808)
458982.27	3755912.92	57.33581	(23121808)	458982.27	3755942.92	62.96824	(23121808)
458982.27	3755972.92	68.53367	(23121808)	459012.27	3755792.92	35.62668	(23121808)
459012.27	3755822.92	37.84723	(23121808)	459012.27	3755852.92	39.87063	(23121808)
459012.27	3755882.92	41.51919	(23121808)	459012.27	3755912.92	42.59839	(23121808)
459042.27	3755792.92	28.23487	(23121808)	459042.27	3755822.92	28.34223	(23121808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,

L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459042.27	3755852.92	30.72624	(19062708)	459042.27	3755882.92	39.48770	(19062708)
459072.27	3755792.92	23.63165	(19062708)	459072.27	3755822.92	29.28900	(19062708)
459102.27	3755792.92	26.54670	(19062708)	458632.68	3756291.16	227.87192	(21011107)
458632.68	3756321.16	209.96717	(22012108)	458632.68	3756351.16	217.88773	(23010507)
458632.68	3756381.16	199.84912	(23010507)	458662.68	3756291.16	271.86159	(21011107)
458662.68	3756321.16	225.83643	(23010507)	458662.68	3756351.16	253.34556	(23010507)
458662.68	3756381.16	221.02872	(23022807)	458662.68	3756411.16	195.65282	(21122108)
458662.68	3756441.16	146.39495	(22121308)	458662.68	3756471.16	160.51174	(20121407)
458662.68	3756501.16	168.03317	(20121407)	458662.68	3756531.16	148.66944	(20121407)
458692.68	3756291.16	299.52609	(21011107)	458692.68	3756321.16	307.18336	(23010507)
458692.68	3756351.16	269.16672	(23022807)	458692.68	3756381.16	239.71378	(21122108)
458692.68	3756411.16	176.02251	(22121308)	458692.68	3756441.16	195.94358	(20121407)
458692.68	3756471.16	194.21326	(20121407)	458692.68	3756501.16	166.37102	(20011008)
458692.68	3756531.16	149.54916	(20011008)	458722.68	3756291.16	341.77776	(23010507)
458722.68	3756321.16	340.13740	(23010507)	458722.68	3756351.16	299.90526	(21122108)
458722.68	3756381.16	216.33228	(22121308)	458722.68	3756411.16	241.95963	(20121407)
458722.68	3756441.16	223.63413	(20121407)	458722.68	3756471.16	193.11987	(20011008)
458722.68	3756501.16	159.73139	(20011008)	458722.68	3756531.16	132.41401	(21122808)
458752.68	3756291.16	467.02746	(23010507)	458752.68	3756321.16	385.92274	(21122108)
458752.68	3756351.16	273.32047	(22121308)	458752.68	3756381.16	301.76402	(20121407)
458752.68	3756411.16	255.22010	(20121407)	458752.68	3756441.16	217.81061	(20011008)
458752.68	3756471.16	172.14209	(21122808)	458752.68	3756501.16	135.22979	(21020907)
458752.68	3756531.16	119.75397	(21020907)	458782.68	3756291.16	518.51193	(21122108)
458782.68	3756321.16	382.90970	(20121407)	458782.68	3756351.16	378.10433	(20121407)
458782.68	3756381.16	306.50106	(20011008)	458782.68	3756411.16	236.03237	(20011008)
458782.68	3756441.16	180.77323	(21122808)	458782.68	3756471.16	152.33526	(21020907)
458782.68	3756501.16	123.56498	(21020907)	458782.68	3756531.16	107.41472	(20121408)
458812.68	3756291.16	567.52782	(20121407)	458812.68	3756321.16	471.23762	(20121407)
458812.68	3756351.16	358.66065	(20011008)	458812.68	3756381.16	257.69102	(21122808)
458812.68	3756411.16	202.62310	(21020907)	458812.68	3756441.16	158.47576	(20121408)
458812.68	3756471.16	148.09478	(21122407)	458812.68	3756501.16	139.57656	(21122407)
458812.68	3756531.16	129.01752	(21122407)	458842.68	3756291.16	595.60918	(20011008)
458842.68	3756321.16	409.14626	(20011008)	458842.68	3756351.16	287.98518	(21020907)
458842.68	3756381.16	244.90018	(21122407)	458842.68	3756411.16	216.78269	(21122407)
458842.68	3756441.16	189.61371	(21122407)	458842.68	3756471.16	163.92101	(21122407)
458842.68	3756501.16	140.48165	(21122407)	458842.68	3756531.16	122.45314	(21122807)
458872.68	3756291.16	487.74979	(21122407)	458872.68	3756321.16	382.74258	(21122407)
458872.68	3756351.16	305.94112	(21122407)	458872.68	3756381.16	248.29460	(21122807)
458872.68	3756411.16	212.10800	(21122807)	458872.68	3756441.16	182.57349	(21122807)
458872.68	3756471.16	157.91390	(21122807)	458872.68	3756501.16	137.41152	(21122807)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458872.68	3756531.16	120.19715	(21122807)	458902.68	3756291.16	475.82256	(21042107)
458902.68	3756321.16	348.98903	(21122807)	458902.68	3756351.16	267.76273	(21122807)
458902.68	3756381.16	210.86007	(21122807)	458902.68	3756411.16	169.74617	(21122807)
458902.68	3756441.16	139.22224	(21122807)	458902.68	3756471.16	115.99199	(21122807)
458902.68	3756501.16	97.98441	(21122807)	458902.68	3756531.16	83.92890	(20013007)
458932.68	3756291.16	571.56885	(21042107)	458932.68	3756321.16	401.35864	(21042107)
458932.68	3756351.16	289.86445	(21042107)	458932.68	3756381.16	210.55803	(20013007)
458932.68	3756411.16	179.17512	(20013007)	458932.68	3756441.16	154.39823	(20013007)
458932.68	3756471.16	134.32017	(20013007)	458932.68	3756501.16	117.72839	(20013007)
458932.68	3756531.16	103.89824	(20013007)	458962.68	3756291.16	597.28253	(22021507)
458962.68	3756321.16	450.75614	(22021507)	458962.68	3756351.16	319.90761	(22021507)
458962.68	3756381.16	239.95109	(21042107)	458962.68	3756411.16	195.22324	(21042107)
458962.68	3756441.16	156.41441	(21042107)	458962.68	3756471.16	123.40606	(21042107)
458962.68	3756501.16	105.60745	(20013007)	458962.68	3756531.16	97.20471	(20013007)
458992.68	3756291.16	642.43131	(23091507)	458992.68	3756321.16	412.28452	(22021507)
458992.68	3756351.16	377.89674	(22021507)	458992.68	3756381.16	304.38141	(22021507)

458992.68	3756411.16	223.82399	(22021507)	458992.68	3756441.16	152.05225	(22021507)
458992.68	3756471.16	133.64874	(19011708)	458992.68	3756501.16	118.13640	(19011708)
458992.68	3756531.16	102.33854	(19011708)	459022.68	3756291.16	492.90876	(22120507)
459022.68	3756321.16	451.28191	(23091507)	459022.68	3756351.16	293.10181	(19012107)
459022.68	3756381.16	291.46970	(22021507)	459022.68	3756411.16	269.41967	(22021507)
459022.68	3756441.16	221.80431	(22021507)	459022.68	3756471.16	167.54741	(22021507)
459022.68	3756501.16	117.70163	(22021507)	459022.68	3756531.16	100.46838	(19011708)
459052.68	3756291.16	391.53396	(21120908)	459052.68	3756321.16	373.90415	(22120507)
459052.68	3756351.16	342.89685	(23091507)	459052.68	3756381.16	230.66458	(19022107)
459052.68	3756411.16	222.47647	(19012107)	459052.68	3756441.16	222.44913	(22021507)
459052.68	3756471.16	204.47686	(22021507)	459052.68	3756501.16	170.24244	(22021507)
459052.68	3756531.16	131.15548	(22021507)	459082.68	3756291.16	264.26219	(19020407)
459082.68	3756321.16	317.77720	(21120908)	459082.68	3756351.16	297.77355	(21120907)
459082.68	3756381.16	270.43357	(23091507)	459082.68	3756411.16	195.98979	(19022107)
459082.68	3756441.16	178.46113	(19012107)	459082.68	3756471.16	174.62546	(22021507)
459082.68	3756501.16	177.28452	(22021507)	459082.68	3756531.16	162.60339	(22021507)
459112.68	3756291.16	282.89880	(21122308)	459112.68	3756321.16	245.85154	(21120908)
459112.68	3756351.16	265.16106	(22120507)	459112.68	3756381.16	245.63142	(21120907)
459112.68	3756411.16	219.48633	(23091507)	459112.68	3756441.16	168.66158	(19022107)
459112.68	3756471.16	142.28130	(19012107)	459112.68	3756501.16	147.30365	(19012107)
459112.68	3756531.16	149.38478	(22021507)	459142.68	3756291.16	283.47016	(21122308)
459142.68	3756321.16	177.82881	(19020407)	459142.68	3756351.16	243.52898	(21120908)
459142.68	3756381.16	236.71197	(22120507)	459142.68	3756411.16	208.50910	(21120907)
459142.68	3756441.16	182.24577	(23091507)	459142.68	3756471.16	147.36641	(19022107)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459142.68	3756501.16	116.13069	(19022107)	459142.68	3756531.16	128.43984	(19012107)
459172.68	3756291.16	263.23021	(21122308)	459172.68	3756321.16	210.49456	(19020407)
459172.68	3756351.16	178.03452	(21120908)	459172.68	3756381.16	221.54258	(21120908)
459172.68	3756411.16	207.90870	(22120507)	459172.68	3756441.16	181.70479	(21122307)
459172.68	3756471.16	153.99067	(23091507)	459172.68	3756501.16	132.31221	(19022107)
459172.68	3756531.16	109.18138	(19022107)	459202.68	3756291.16	227.44542	(21122308)
459202.68	3756321.16	224.28183	(19020407)	459202.68	3756351.16	138.17307	(21102507)
459202.68	3756381.16	181.99921	(21120908)	459202.68	3756411.16	188.63386	(21120908)
459202.68	3756441.16	179.88091	(22120507)	459202.68	3756471.16	161.95702	(21122307)
459202.68	3756501.16	136.44977	(21021008)	459202.68	3756531.16	124.68444	(21021008)
459232.68	3756291.16	187.93860	(21122308)	459232.68	3756321.16	210.80461	(19020407)
459232.68	3756351.16	155.79156	(19020407)	459232.68	3756381.16	127.07223	(21120908)
459232.68	3756411.16	175.21172	(21120908)	459232.68	3756441.16	165.66174	(22120507)
459232.68	3756471.16	159.73589	(22120507)	459232.68	3756501.16	146.18733	(21122307)
459232.68	3756531.16	129.92966	(21021008)	459262.68	3756291.16	176.85612	(19120908)
459262.68	3756321.16	191.81718	(21122308)	459262.68	3756351.16	170.75712	(19020407)
459262.68	3756381.16	114.35112	(21102507)	459262.68	3756411.16	138.81668	(21120908)
459262.68	3756441.16	162.30270	(21120908)	459262.68	3756471.16	153.43303	(22120507)
459262.68	3756501.16	146.32721	(21120907)	459262.68	3756531.16	133.99383	(21122307)
459292.68	3756291.16	168.98296	(19120908)	459292.68	3756321.16	170.21230	(21122308)
459292.68	3756351.16	169.24963	(19020407)	459292.68	3756381.16	122.22422	(21102507)
459292.68	3756411.16	102.50531	(21100707)	459292.68	3756441.16	139.70105	(21120908)
459292.68	3756471.16	144.55817	(21120908)	459292.68	3756501.16	143.27604	(22120507)
459292.68	3756531.16	137.52913	(21120907)	459322.68	3756291.16	157.68772	(19120908)
459322.68	3756321.16	146.73648	(21122308)	459322.68	3756351.16	160.19196	(19020407)
459322.68	3756381.16	131.30569	(19020407)	459322.68	3756411.16	89.27678	(21102507)
459322.68	3756441.16	105.19129	(21100707)	459322.68	3756471.16	134.61263	(21120908)
459322.68	3756501.16	128.25480	(21120908)	459322.68	3756531.16	137.11596	(22120507)
459352.68	3756291.16	152.14028	(19120908)	459352.68	3756321.16	130.58823	(21120307)
459352.68	3756351.16	152.85466	(21122308)	459352.68	3756381.16	145.50092	(19020407)
459352.68	3756411.16	104.12190	(21102507)	459352.68	3756441.16	88.30082	(19010708)
459352.68	3756471.16	110.18403	(21120908)	459352.68	3756501.16	127.29508	(21120908)
459352.68	3756531.16	124.54924	(22120507)	459382.68	3756291.16	146.86770	(19120908)
459382.68	3756321.16	134.31973	(21120307)	459382.68	3756351.16	141.17290	(21122308)
459382.68	3756381.16	147.62075	(19020407)	459382.68	3756411.16	111.39735	(21102507)
459382.68	3756441.16	89.64910	(19010708)	459382.68	3756471.16	88.31662	(21100707)
459382.68	3756501.16	112.68242	(21120908)	459382.68	3756531.16	121.83168	(21120908)
458633.73	3756194.08	232.05037	(23122108)	458633.73	3756224.08	240.32007	(21010507)
458663.73	3756164.08	155.35411	(22121607)	458663.73	3756194.08	267.24990	(23122108)
458663.73	3756224.08	276.01002	(21010507)	458693.73	3756164.08	183.93319	(19122608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458693.73	3756194.08	312.23508	(23122108)	458693.73	3756224.08	322.43501	(22010708)
458723.73	3756194.08	370.83778	(23122108)	458723.73	3756224.08	386.66585	(22010307)
458753.73	3756224.08	482.77738	(22010307)	458783.73	3756224.08	658.48778	(21011108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458909.21	3756133.18	40.29484	(21020107)	458909.21	3756163.18	51.95066	(19011607)
458939.21	3756103.18	33.29327	(21020107)	458939.21	3756133.18	40.87474	(21020107)
458939.21	3756163.18	52.76125	(19011607)	458969.21	3756043.18	24.48835	(20010107)
458969.21	3756073.18	28.30118	(19011107)	458969.21	3756103.18	33.55731	(21020107)
458969.21	3756133.18	41.34408	(21020107)	458969.21	3756163.18	54.51628	(20012208)
458969.21	3756193.18	83.05624	(20012208)	458969.21	3756223.18	169.33576	(23031307)
458999.21	3756013.18	21.68948	(20010107)	458999.21	3756043.18	24.74739	(20010107)
458999.21	3756073.18	28.63682	(19011107)	458999.21	3756103.18	33.98947	(19011107)
458999.21	3756133.18	41.90790	(20012208)	458999.21	3756163.18	56.47628	(20012208)
458999.21	3756193.18	85.02755	(20012208)	458999.21	3756223.18	170.69890	(23031307)
459029.21	3755953.18	16.87859	(20010107)	459029.21	3755983.18	19.13368	(20010107)
459029.21	3756013.18	21.75659	(20010107)	459029.21	3756043.18	24.91263	(20010107)
459029.21	3756073.18	28.89857	(20010107)	459029.21	3756103.18	34.41603	(19011107)
459029.21	3756133.18	43.26797	(20012208)	459029.21	3756163.18	57.98515	(20012208)
459029.21	3756193.18	86.41230	(20012208)	459029.21	3756223.18	171.07466	(23031307)
459059.21	3755923.18	14.70864	(20122207)	459059.21	3755953.18	16.72922	(20122207)
459059.21	3755983.18	19.02310	(20010107)	459059.21	3756013.18	21.67162	(20010107)
459059.21	3756043.18	24.91643	(20122207)	459059.21	3756073.18	29.01495	(20122207)
459059.21	3756103.18	35.03523	(20012208)	459059.21	3756133.18	44.27871	(20012208)
459059.21	3756163.18	59.07069	(20012208)	459059.21	3756193.18	87.48802	(20012208)
459059.21	3756223.18	171.30250	(23031307)	459089.21	3755863.18	12.43580	(20123007)
459089.21	3755893.18	13.31228	(20123007)	459089.21	3755923.18	14.51142	(20012208)
459089.21	3755953.18	16.53517	(20122207)	459089.21	3755983.18	18.87183	(20122207)
459089.21	3756013.18	21.61684	(20122207)	459089.21	3756043.18	24.91941	(20122207)
459089.21	3756073.18	29.32768	(20012208)	459089.21	3756103.18	35.64075	(20012208)
459089.21	3756133.18	44.89694	(20012208)	459089.21	3756163.18	59.77092	(20012208)
459089.21	3756193.18	88.26860	(20012208)	459089.21	3756223.18	170.87273	(23031307)
459119.21	3755833.18	11.71397	(20123007)	459119.21	3755863.18	12.48714	(20123007)
459119.21	3755893.18	13.37106	(20123007)	459119.21	3755923.18	14.81135	(20012208)
459119.21	3755953.18	16.63459	(20012208)	459119.21	3755983.18	18.85055	(20012208)
459119.21	3756013.18	21.63983	(20012208)	459119.21	3756043.18	25.18595	(20012208)
459119.21	3756073.18	29.80706	(20012208)	459119.21	3756103.18	36.13663	(20012208)
459119.21	3756133.18	45.40155	(20012208)	459119.21	3756163.18	60.28709	(20012208)
459119.21	3756193.18	88.84287	(20012208)	459119.21	3756223.18	170.51988	(23031307)
459149.21	3755773.18	10.46674	(20123007)	459149.21	3755803.18	11.06303	(20123007)
459149.21	3755833.18	11.74319	(20123007)	459149.21	3755863.18	12.53091	(20123007)
459149.21	3755893.18	13.52467	(20012208)	459149.21	3755923.18	15.07124	(20012208)
459149.21	3755953.18	16.91914	(20012208)	459149.21	3755983.18	19.16060	(20012208)
459149.21	3756013.18	21.95460	(20012208)	459149.21	3756043.18	25.51791	(20012208)
459149.21	3756073.18	30.18286	(20012208)	459149.21	3756103.18	36.56275	(20012208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,

L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459149.21	3756133.18	45.87253	(20012208)	459149.21	3756163.18	60.63593	(20012208)
459149.21	3756193.18	89.08282	(20012208)	459149.21	3756223.18	170.22398	(23031307)
459179.21	3755773.18	10.48545	(20123007)	459179.21	3755803.18	11.07812	(20123007)
459179.21	3755833.18	11.74063	(20123007)	459179.21	3755863.18	12.52139	(20123007)
459179.21	3755893.18	13.69638	(20012208)	459179.21	3755923.18	15.26144	(20012208)
459179.21	3755953.18	17.13397	(20012208)	459179.21	3755983.18	19.40651	(20012208)
459179.21	3756013.18	22.22311	(20012208)	459179.21	3756043.18	25.82726	(20012208)
459179.21	3756073.18	30.55819	(20012208)	459179.21	3756103.18	36.93546	(20012208)
459179.21	3756133.18	46.25585	(20012208)	459179.21	3756163.18	61.12287	(20012208)
459179.21	3756193.18	89.15394	(20012208)	459179.21	3756223.18	170.00595	(23031307)
459209.21	3755803.18	11.08947	(20123007)	459209.21	3755833.18	11.75251	(20123007)
459209.21	3755863.18	12.53115	(20123007)	459209.21	3755893.18	13.86066	(20012208)
459209.21	3755923.18	15.45140	(20012208)	459209.21	3755953.18	17.34259	(20012208)
459209.21	3755983.18	19.64393	(20012208)	459209.21	3756013.18	22.48858	(20012208)
459209.21	3756043.18	26.09038	(20012208)	459209.21	3756073.18	30.86177	(20012208)
459209.21	3756103.18	37.31674	(20012208)	459209.21	3756133.18	46.62991	(20012208)
459209.21	3756163.18	61.69359	(20012208)	459209.21	3756193.18	90.17550	(20012208)
459209.21	3756223.18	170.12316	(23031307)	459239.21	3755803.18	11.09133	(20123007)
459239.21	3755833.18	11.77381	(20123007)	459239.21	3755863.18	12.61502	(20012208)
459239.21	3755893.18	13.98348	(20012208)	459239.21	3755923.18	15.60903	(20012208)
459239.21	3755953.18	17.52998	(20012208)	459239.21	3755983.18	19.84840	(20012208)
459239.21	3756013.18	22.71124	(20012208)	459239.21	3756043.18	26.32632	(20012208)
459239.21	3756073.18	31.09517	(20012208)	459239.21	3756103.18	37.60821	(20012208)
459239.21	3756133.18	46.97886	(20012208)	459239.21	3756163.18	61.97143	(20012208)
459239.21	3756193.18	90.35629	(20012208)	459239.21	3756223.18	169.31156	(23031307)
459269.21	3755833.18	11.78217	(20123007)	459269.21	3755863.18	12.70144	(20012208)
459269.21	3755893.18	14.06352	(20012208)	459269.21	3755923.18	15.68752	(20012208)
459269.21	3755953.18	17.61935	(20012208)	459269.21	3755983.18	19.95117	(20012208)
459269.21	3756013.18	22.84297	(20012208)	459269.21	3756043.18	26.51369	(20012208)
459269.21	3756073.18	31.29626	(20012208)	459269.21	3756103.18	37.78495	(20012208)
459269.21	3756133.18	47.17957	(20012208)	459269.21	3756163.18	62.11721	(20012208)
459269.21	3756193.18	90.33395	(20012208)	459269.21	3756223.18	169.00612	(20012208)
459299.21	3755863.18	12.75584	(20012208)	459299.21	3755893.18	14.11771	(20012208)
459299.21	3755923.18	15.73456	(20012208)	459299.21	3755953.18	17.68532	(20012208)
459299.21	3755983.18	20.03347	(20012208)	459299.21	3756013.18	22.92276	(20012208)
459299.21	3756043.18	26.61406	(20012208)	459299.21	3756073.18	31.40960	(20012208)
459299.21	3756103.18	37.88503	(20012208)	459299.21	3756133.18	47.19152	(20012208)
459299.21	3756163.18	63.36887	(22120108)	459299.21	3756193.18	93.01560	(22120108)
459299.21	3756223.18	168.35032	(20012208)	459329.21	3755863.18	12.76599	(20012208)
459329.21	3755893.18	14.14156	(20012208)	459329.21	3755923.18	15.76738	(20012208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459329.21	3755953.18	17.71556	(20012208)	459329.21	3755983.18	20.08619	(20012208)
459329.21	3756013.18	22.99213	(20012208)	459329.21	3756043.18	26.65103	(20012208)
459329.21	3756073.18	31.40454	(20012208)	459329.21	3756103.18	38.36916	(21021207)
459329.21	3756133.18	48.19838	(21021207)	459329.21	3756163.18	64.47802	(22120108)
459329.21	3756193.18	96.06754	(22120108)	459329.21	3756223.18	167.32178	(20012208)
459359.21	3755893.18	14.13751	(20012208)	459359.21	3755923.18	15.76304	(20012208)
459359.21	3755953.18	17.69943	(20012208)	459359.21	3755983.18	20.07863	(20012208)
459359.21	3756013.18	22.96947	(20012208)	459359.21	3756043.18	27.00329	(21021207)
459359.21	3756073.18	33.38493	(21021207)	459359.21	3756103.18	42.25937	(21021207)
459359.21	3756133.18	54.98376	(21021207)	459359.21	3756163.18	72.68263	(21021207)
459359.21	3756193.18	100.95611	(22120108)	459359.21	3756223.18	169.78715	(22120108)
459389.21	3755923.18	15.70562	(20012208)	459389.21	3755953.18	17.64068	(20012208)
459389.21	3755983.18	20.00961	(20012208)	459389.21	3756013.18	24.05516	(21021207)
459389.21	3756043.18	30.40580	(21021207)	459389.21	3756073.18	36.49162	(21021207)
459389.21	3756103.18	48.19021	(21021207)	459389.21	3756133.18	62.39014	(21021207)
459389.21	3756163.18	80.99630	(21021207)	459389.21	3756193.18	109.52687	(22122907)
459389.21	3756223.18	172.83734	(22120108)	458472.27	3755792.92	10.99532	(21012907)

458472.27	3755822.92	11.78877	(21012907)	458472.27	3755852.92	12.55279	(21012907)
458472.27	3755882.92	13.26688	(21012907)	458472.27	3755912.92	13.82613	(21012907)
458472.27	3755942.92	14.63593	(20012407)	458472.27	3755972.92	15.32004	(21020107)
458472.27	3756002.92	16.30456	(20120307)	458502.27	3755792.92	10.95454	(22020807)
458502.27	3755822.92	11.80276	(21012907)	458502.27	3755852.92	12.64894	(21012907)
458502.27	3755882.92	13.48121	(21012907)	458502.27	3755912.92	14.23434	(21012907)
458502.27	3755942.92	14.98236	(20012407)	458502.27	3755972.92	15.84906	(20012407)
458502.27	3756002.92	16.79860	(20120307)	458502.27	3756032.92	17.80253	(20120307)
458532.27	3755792.92	10.87337	(22020807)	458532.27	3755822.92	11.76115	(21012907)
458532.27	3755852.92	12.69897	(21012907)	458532.27	3755882.92	13.61514	(21012907)
458532.27	3755912.92	14.52341	(21012907)	458532.27	3755942.92	15.31540	(21012907)
458532.27	3755972.92	16.32163	(20012407)	458532.27	3756002.92	17.24641	(21020107)
458532.27	3756032.92	18.54488	(20120307)	458562.27	3755792.92	10.77429	(22020807)
458562.27	3755822.92	11.68282	(22020807)	458562.27	3755852.92	12.68459	(21012907)
458562.27	3755882.92	13.69241	(21012907)	458562.27	3755912.92	14.70509	(21012907)
458562.27	3755942.92	15.70732	(21012907)	458562.27	3755972.92	16.70838	(20012407)
458562.27	3756002.92	17.86854	(20012407)	458562.27	3756032.92	19.16711	(20120307)
458562.27	3756062.92	20.49814	(20120307)	458592.27	3755792.92	10.66262	(20010107)
458592.27	3755822.92	11.58718	(22020807)	458592.27	3755852.92	12.60984	(21012907)
458592.27	3755882.92	13.69343	(21012907)	458592.27	3755912.92	14.81187	(21012907)
458592.27	3755942.92	15.96543	(21012907)	458592.27	3755972.92	17.08445	(21012907)
458592.27	3756002.92	18.41133	(20012407)	458592.27	3756032.92	19.70224	(21020107)
458592.27	3756062.92	21.45490	(20120307)	458622.27	3755792.92	10.62653	(20010107)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458622.27	3755822.92	11.46450	(22020807)	458622.27	3755852.92	12.49630	(21012907)
458622.27	3755882.92	13.65358	(21012907)	458622.27	3755912.92	14.86729	(21012907)
458622.27	3755942.92	16.11887	(21012907)	458622.27	3755972.92	17.43351	(21012907)
458622.27	3756002.92	18.80550	(20012407)	458622.27	3756032.92	20.42345	(20012407)
458622.27	3756062.92	22.23341	(20120307)	458622.27	3756092.92	24.15389	(21121707)
458652.27	3755792.92	10.55801	(20010107)	458652.27	3755822.92	11.41598	(20010107)
458652.27	3755852.92	12.38000	(22020807)	458652.27	3755882.92	13.57858	(21012907)
458652.27	3755912.92	14.85772	(21012907)	458652.27	3755942.92	16.19818	(21012907)
458652.27	3755972.92	17.63529	(21012907)	458652.27	3756002.92	19.16643	(21012907)
458652.27	3756032.92	20.99792	(20012407)	458652.27	3756062.92	22.92137	(21020107)
458652.27	3756092.92	25.43014	(20120307)	458652.27	3756122.92	27.82448	(21121707)
458682.27	3755792.92	10.49506	(20010107)	458682.27	3755822.92	11.39801	(20010107)
458682.27	3755852.92	12.33325	(20010107)	458682.27	3755882.92	13.46692	(21012907)
458682.27	3755912.92	14.80191	(21012907)	458682.27	3755942.92	16.21148	(21012907)
458682.27	3755972.92	17.75671	(21012907)	458682.27	3756002.92	19.49221	(21012907)
458682.27	3756032.92	21.41983	(20012407)	458682.27	3756062.92	23.77228	(20012407)
458682.27	3756092.92	26.42477	(20120307)	458682.27	3756122.92	29.57015	(21121707)
458712.27	3755792.92	10.42568	(20010107)	458712.27	3755822.92	11.34952	(20010107)
458712.27	3755852.92	12.31253	(20010107)	458712.27	3755882.92	13.34833	(20010107)
458712.27	3755912.92	14.72198	(21012907)	458712.27	3755942.92	16.18778	(21012907)
458712.27	3755972.92	17.80037	(21012907)	458712.27	3756002.92	19.67200	(21012907)
458712.27	3756032.92	21.76478	(21012907)	458712.27	3756062.92	24.34874	(20012407)
458712.27	3756092.92	27.31327	(21020107)	458712.27	3756122.92	31.23184	(20120307)
458712.27	3756152.92	35.61001	(21121707)	458742.27	3755792.92	10.33192	(20010107)
458742.27	3755822.92	11.28962	(20010107)	458742.27	3755852.92	12.29665	(20010107)
458742.27	3755882.92	13.37053	(20010107)	458742.27	3755912.92	14.62096	(21012907)
458742.27	3755942.92	16.15566	(21012907)	458742.27	3755972.92	17.79603	(21012907)
458742.27	3756002.92	19.71062	(21012907)	458742.27	3756032.92	21.96636	(21012907)
458742.27	3756062.92	24.72612	(20012407)	458742.27	3756092.92	28.19805	(20012407)
458742.27	3756122.92	32.39067	(20120307)	458742.27	3756152.92	38.24518	(20120307)
458742.27	3756182.92	48.00803	(23122108)	458772.27	3755792.92	10.21701	(20010107)
458772.27	3755822.92	11.22238	(20010107)	458772.27	3755852.92	12.27422	(20010107)
458772.27	3755882.92	13.38372	(20010107)	458772.27	3755912.92	14.61527	(20010107)
458772.27	3755942.92	16.09365	(21012907)	458772.27	3755972.92	17.81287	(21012907)
458772.27	3756002.92	19.73502	(21012907)	458772.27	3756032.92	22.06393	(21012907)
458772.27	3756062.92	24.99500	(20012407)	458772.27	3756092.92	28.76396	(20012407)
458772.27	3756122.92	33.59965	(21020107)	458772.27	3756152.92	40.40954	(20120307)
458772.27	3756182.92	50.45041	(21121707)	458802.27	3755792.92	10.18559	(21122107)
458802.27	3755822.92	11.12969	(20010107)	458802.27	3755852.92	12.23003	(20010107)
458802.27	3755882.92	13.38807	(20010107)	458802.27	3755912.92	14.65462	(20010107)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458802.27	3755942.92	16.08520	(20010107)	458802.27	3755972.92	17.82067	(21012907)
458802.27	3756002.92	19.79437	(21012907)	458802.27	3756032.92	22.12779	(21012907)
458802.27	3756062.92	25.21930	(20012407)	458802.27	3756092.92	29.21214	(21020107)
458802.27	3756122.92	34.51627	(21020107)	458802.27	3756152.92	42.17196	(21020107)
458802.27	3756182.92	54.96807	(20120307)	458802.27	3756212.92	96.03750	(23122108)
458832.27	3755792.92	10.19826	(21122107)	458832.27	3755822.92	11.00906	(20010107)
458832.27	3755852.92	12.15939	(20010107)	458832.27	3755882.92	13.38240	(20010107)
458832.27	3755912.92	14.69236	(20010107)	458832.27	3755942.92	16.17293	(20010107)
458832.27	3755972.92	17.84027	(20010107)	458832.27	3756002.92	19.84742	(21012907)
458832.27	3756032.92	22.22941	(21012907)	458832.27	3756062.92	25.43959	(20012407)
458832.27	3756092.92	29.74070	(21020107)	458832.27	3756122.92	35.52565	(21020107)
458832.27	3756152.92	43.88470	(21020107)	458832.27	3756182.92	58.01650	(19011607)
458862.27	3755792.92	10.20557	(21122107)	458862.27	3755822.92	10.87694	(20010107)
458862.27	3755852.92	12.05972	(20010107)	458862.27	3755882.92	13.34786	(20010107)
458862.27	3755912.92	14.73159	(20010107)	458862.27	3755942.92	16.24364	(20010107)
458862.27	3755972.92	17.98799	(20010107)	458862.27	3756002.92	20.00049	(19020807)
458862.27	3756032.92	22.40220	(21012907)	458862.27	3756062.92	25.77275	(20012407)
458862.27	3756092.92	30.36881	(21020107)	458862.27	3756122.92	36.45268	(21020107)
458862.27	3756152.92	45.35781	(21020107)	458892.27	3755792.92	10.37948	(20123007)
458892.27	3755822.92	10.94579	(20123007)	458892.27	3755852.92	11.94072	(20010107)
458892.27	3755882.92	13.27115	(20010107)	458892.27	3755912.92	14.73479	(20010107)
458892.27	3755942.92	16.32595	(20010107)	458892.27	3755972.92	18.12744	(20010107)
458892.27	3756002.92	20.22931	(20010107)	458892.27	3756032.92	22.75542	(19020807)
458892.27	3756062.92	26.11785	(21020107)	458892.27	3756092.92	30.81221	(21020107)
458922.27	3755792.92	10.50415	(20123007)	458922.27	3755822.92	11.08862	(20123007)
458922.27	3755852.92	11.80734	(20010107)	458922.27	3755882.92	13.17155	(20010107)
458922.27	3755912.92	14.69237	(20010107)	458922.27	3755942.92	16.37548	(20010107)
458922.27	3755972.92	18.23500	(20010107)	458922.27	3756002.92	20.41962	(20010107)
458922.27	3756032.92	23.02627	(20010107)	458922.27	3756062.92	26.33402	(19011107)
458952.27	3755792.92	10.58763	(20123007)	458952.27	3755822.92	11.19492	(20123007)
458952.27	3755852.92	11.85872	(20123007)	458952.27	3755882.92	13.05804	(20010107)
458952.27	3755912.92	14.62839	(20010107)	458952.27	3755942.92	16.37513	(20010107)
458952.27	3755972.92	18.32137	(20010107)	458952.27	3756002.92	20.55664	(20010107)
458982.27	3755792.92	10.64700	(20123007)	458982.27	3755822.92	11.26080	(20123007)
458982.27	3755852.92	11.95541	(20123007)	458982.27	3755882.92	12.91637	(20010107)
458982.27	3755912.92	14.52981	(20010107)	458982.27	3755942.92	16.32557	(20010107)
458982.27	3755972.92	18.34692	(20010107)	459012.27	3755792.92	10.69612	(20123007)
459012.27	3755822.92	11.31501	(20123007)	459012.27	3755852.92	12.03227	(20123007)
459012.27	3755882.92	12.83265	(20123007)	459012.27	3755912.92	14.38563	(20010107)
459042.27	3755792.92	10.74893	(20123007)	459042.27	3755822.92	11.36973	(20123007)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459042.27	3755852.92	12.07703	(20123007)	459042.27	3755882.92	12.89982	(20123007)
459072.27	3755792.92	10.78908	(20123007)	459072.27	3755822.92	11.41572	(20123007)
459102.27	3755792.92	10.81027	(20123007)	458632.68	3756291.16	54.94911	(22010708)
458632.68	3756321.16	52.27657	(21011108)	458632.68	3756351.16	48.10504	(20123107)
458632.68	3756381.16	41.48242	(20123107)	458662.68	3756291.16	60.05863	(22010307)
458662.68	3756321.16	56.92506	(21011108)	458662.68	3756351.16	50.38346	(20123107)
458662.68	3756381.16	44.09664	(21011107)	458662.68	3756411.16	39.89214	(21011107)
458662.68	3756441.16	35.47051	(21011107)	458662.68	3756471.16	32.47864	(23010507)
458662.68	3756501.16	30.26661	(23010507)	458662.68	3756531.16	28.22974	(23010507)
458692.68	3756291.16	66.40736	(22010307)	458692.68	3756321.16	61.51245	(20123107)
458692.68	3756351.16	51.99701	(20123107)	458692.68	3756381.16	45.98760	(21011107)
458692.68	3756411.16	40.52129	(21011107)	458692.68	3756441.16	36.06383	(23010507)

458692.68	3756471.16	33.21969	(23010507)	458692.68	3756501.16	30.62000	(23010507)
458692.68	3756531.16	28.43162	(23010507)	458722.68	3756291.16	75.87599	(21011108)
458722.68	3756321.16	65.90405	(20123107)	458722.68	3756351.16	54.31274	(21011107)
458722.68	3756381.16	47.12120	(21011107)	458722.68	3756411.16	40.85543	(21011107)
458722.68	3756441.16	36.91592	(23010507)	458722.68	3756471.16	33.65733	(23010507)
458722.68	3756501.16	30.88222	(23010507)	458722.68	3756531.16	28.60317	(23010507)
458752.68	3756291.16	86.75524	(21011108)	458752.68	3756321.16	68.93017	(20123107)
458752.68	3756351.16	56.36461	(21011107)	458752.68	3756381.16	47.65045	(21011107)
458752.68	3756411.16	41.68621	(23010507)	458752.68	3756441.16	37.43229	(23010507)
458752.68	3756471.16	33.99892	(23010507)	458752.68	3756501.16	31.13538	(23010507)
458752.68	3756531.16	28.77714	(23010507)	458782.68	3756291.16	96.47194	(20123107)
458782.68	3756321.16	70.99753	(21011107)	458782.68	3756351.16	57.28811	(21011107)
458782.68	3756381.16	48.22594	(23010507)	458782.68	3756411.16	42.31399	(23010507)
458782.68	3756441.16	37.82768	(23010507)	458782.68	3756471.16	34.28006	(23010507)
458782.68	3756501.16	31.37798	(23010507)	458782.68	3756531.16	28.94804	(23010507)
458812.68	3756291.16	101.19974	(20123107)	458812.68	3756321.16	72.50072	(21011107)
458812.68	3756351.16	57.89969	(21011107)	458812.68	3756381.16	49.04013	(23010507)
458812.68	3756411.16	42.87650	(23010507)	458812.68	3756441.16	38.23922	(23010507)
458812.68	3756471.16	34.59837	(23010507)	458812.68	3756501.16	31.62490	(23010507)
458812.68	3756531.16	29.11221	(23010507)	458842.68	3756291.16	104.29725	(20123107)
458842.68	3756321.16	74.06197	(21011107)	458842.68	3756351.16	59.12136	(23010507)
458842.68	3756381.16	49.96909	(23010507)	458842.68	3756411.16	43.56262	(23010507)
458842.68	3756441.16	38.70357	(23010507)	458842.68	3756471.16	34.99719	(23010507)
458842.68	3756501.16	31.92535	(23010507)	458842.68	3756531.16	29.31117	(23010507)
458872.68	3756291.16	109.92441	(20122807)	458872.68	3756321.16	76.33116	(23010507)
458872.68	3756351.16	60.57155	(23010507)	458872.68	3756381.16	50.93971	(23010507)
458872.68	3756411.16	44.25271	(23010507)	458872.68	3756441.16	39.20908	(23010507)
458872.68	3756471.16	35.41363	(23010507)	458872.68	3756501.16	32.19910	(23010507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458872.68	3756531.16	29.45285	(23010507)	458902.68	3756291.16	114.17588	(20122807)
458902.68	3756321.16	78.54664	(23010507)	458902.68	3756351.16	62.05295	(23010507)
458902.68	3756381.16	51.88603	(23010507)	458902.68	3756411.16	44.88109	(23010507)
458902.68	3756441.16	39.70134	(23010507)	458902.68	3756471.16	35.68876	(23010507)
458902.68	3756501.16	32.38304	(23010507)	458902.68	3756531.16	29.55540	(23010507)
458932.68	3756291.16	116.45724	(20122807)	458932.68	3756321.16	79.95181	(23010507)
458932.68	3756351.16	63.08804	(23010507)	458932.68	3756381.16	52.67950	(23010507)
458932.68	3756411.16	45.48698	(23010507)	458932.68	3756441.16	40.15155	(23010507)
458932.68	3756471.16	35.96742	(23010507)	458932.68	3756501.16	32.57245	(23010507)
458932.68	3756531.16	29.66128	(23010507)	458962.68	3756291.16	117.58246	(20122807)
458962.68	3756321.16	80.92709	(23010507)	458962.68	3756351.16	63.90521	(23010507)
458962.68	3756381.16	53.39064	(23010507)	458962.68	3756411.16	46.08640	(23010507)
458962.68	3756441.16	40.58744	(23010507)	458962.68	3756471.16	36.27367	(23010507)
458962.68	3756501.16	32.75791	(23010507)	458962.68	3756531.16	29.73202	(23010507)
458992.68	3756291.16	118.00690	(20122807)	458992.68	3756321.16	81.39756	(23010507)
458992.68	3756351.16	64.46841	(23010507)	458992.68	3756381.16	53.87442	(23010507)
458992.68	3756411.16	46.53394	(23010507)	458992.68	3756441.16	40.97585	(23010507)
458992.68	3756471.16	36.52183	(23010507)	458992.68	3756501.16	32.86200	(23010507)
458992.68	3756531.16	29.73454	(23010507)	459022.68	3756291.16	118.67521	(20122807)
459022.68	3756321.16	81.94683	(23010507)	459022.68	3756351.16	64.89180	(23010507)
459022.68	3756381.16	54.16723	(23010507)	459022.68	3756411.16	46.75932	(23010507)
459022.68	3756441.16	41.16899	(23010507)	459022.68	3756471.16	36.64912	(23010507)
459022.68	3756501.16	32.88127	(23010507)	459022.68	3756531.16	29.64051	(23010507)
459052.68	3756291.16	119.53323	(20122807)	459052.68	3756321.16	82.97769	(23010507)
459052.68	3756351.16	65.41470	(23010507)	459052.68	3756381.16	54.45620	(23010507)
459052.68	3756411.16	46.89565	(23010507)	459052.68	3756441.16	41.21818	(23010507)
459052.68	3756471.16	36.66885	(23010507)	459052.68	3756501.16	32.82110	(23010507)
459052.68	3756531.16	29.45928	(23010507)	459082.68	3756291.16	120.50552	(20122807)
459082.68	3756321.16	84.31426	(23010507)	459082.68	3756351.16	66.41055	(23010507)
459082.68	3756381.16	54.90913	(23010507)	459082.68	3756411.16	47.02191	(23010507)
459082.68	3756441.16	41.22318	(23010507)	459082.68	3756471.16	36.60921	(23010507)
459082.68	3756501.16	32.65877	(23010507)	459082.68	3756531.16	29.17500	(23022807)
459112.68	3756291.16	120.53469	(20122807)	459112.68	3756321.16	84.41675	(23010507)
459112.68	3756351.16	66.50883	(23010507)	459112.68	3756381.16	55.37295	(23010507)
459112.68	3756411.16	47.16008	(23010507)	459112.68	3756441.16	41.21256	(23010507)
459112.68	3756471.16	36.51013	(23010507)	459112.68	3756501.16	32.40680	(23010507)
459112.68	3756531.16	29.08875	(23022807)	459142.68	3756291.16	120.45406	(19020407)
459142.68	3756321.16	84.45820	(23010507)	459142.68	3756351.16	71.43338	(22122708)

459142.68	3756381.16	55.33876	(23010507)	459142.68	3756411.16	47.37445	(23010507)
459142.68	3756441.16	41.20283	(23010507)	459142.68	3756471.16	36.29729	(23010507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459142.68	3756501.16	32.04267	(23010507)	459142.68	3756531.16	28.91441	(23022807)
459172.68	3756291.16	123.72307	(19020407)	459172.68	3756321.16	86.40053	(19020407)
459172.68	3756351.16	73.37621	(22122708)	459172.68	3756381.16	61.55394	(22122708)
459172.68	3756411.16	47.28414	(23010507)	459172.68	3756441.16	41.06781	(23010507)
459172.68	3756471.16	35.99930	(23010507)	459172.68	3756501.16	31.87834	(23022807)
459172.68	3756531.16	28.90839	(22021507)	459202.68	3756291.16	125.92606	(19020407)
459202.68	3756321.16	90.16222	(19020407)	459202.68	3756351.16	69.97573	(22122708)
459202.68	3756381.16	62.59837	(22122708)	459202.68	3756411.16	50.08899	(22122708)
459202.68	3756441.16	40.80055	(23010507)	459202.68	3756471.16	35.56612	(23010507)
459202.68	3756501.16	31.75947	(21021008)	459202.68	3756531.16	29.31419	(21021008)
459232.68	3756291.16	127.96804	(19020407)	459232.68	3756321.16	89.17274	(19020407)
459232.68	3756351.16	67.27092	(19020407)	459232.68	3756381.16	62.12147	(22122708)
459232.68	3756411.16	53.74014	(22122708)	459232.68	3756441.16	43.26700	(23011608)
459232.68	3756471.16	36.16975	(23011608)	459232.68	3756501.16	32.88429	(21021008)
459232.68	3756531.16	30.72551	(21021008)	459262.68	3756291.16	129.62618	(19020407)
459262.68	3756321.16	88.18924	(19020407)	459262.68	3756351.16	69.56125	(19020407)
459262.68	3756381.16	63.82513	(22122708)	459262.68	3756411.16	56.27869	(22122708)
459262.68	3756441.16	47.12305	(22122708)	459262.68	3756471.16	38.84509	(23011608)
459262.68	3756501.16	34.09030	(21021008)	459262.68	3756531.16	32.02578	(21021008)
459292.68	3756291.16	130.88418	(19020407)	459292.68	3756321.16	88.58437	(19020407)
459292.68	3756351.16	69.27799	(19020407)	459292.68	3756381.16	58.10849	(19010708)
459292.68	3756411.16	56.27029	(22122708)	459292.68	3756441.16	49.11595	(22122708)
459292.68	3756471.16	40.70937	(22122708)	459292.68	3756501.16	35.80294	(23011608)
459292.68	3756531.16	33.21170	(21021008)	459322.68	3756291.16	131.75855	(19020407)
459322.68	3756321.16	89.60071	(19020407)	459322.68	3756351.16	69.42427	(19020407)
459322.68	3756381.16	55.84347	(19020407)	459322.68	3756411.16	52.21938	(22122708)
459322.68	3756441.16	49.71007	(22122708)	459322.68	3756471.16	42.73395	(22122708)
459322.68	3756501.16	37.11968	(23011608)	459322.68	3756531.16	34.12821	(21021008)
459352.68	3756291.16	132.50296	(19020407)	459352.68	3756321.16	91.30207	(19020407)
459352.68	3756351.16	72.02951	(19020407)	459352.68	3756381.16	59.16621	(19020407)
459352.68	3756411.16	55.61898	(22122708)	459352.68	3756441.16	50.22753	(22122708)
459352.68	3756471.16	44.09064	(22122708)	459352.68	3756501.16	38.60593	(22122708)
459352.68	3756531.16	35.55019	(23011608)	459382.68	3756291.16	133.27787	(21120307)
459382.68	3756321.16	92.55539	(19020407)	459382.68	3756351.16	72.94546	(19020407)
459382.68	3756381.16	60.83814	(19020407)	459382.68	3756411.16	54.85381	(22122708)
459382.68	3756441.16	50.09858	(22122708)	459382.68	3756471.16	44.81762	(22122708)
459382.68	3756501.16	40.24501	(22122708)	459382.68	3756531.16	36.68593	(23011608)
458633.73	3756194.08	46.96636	(23122108)	458633.73	3756224.08	58.40180	(23122108)
458663.73	3756164.08	33.92473	(23122108)	458663.73	3756194.08	50.16805	(23122108)
458663.73	3756224.08	64.72608	(23122108)	458693.73	3756164.08	35.36069	(19122608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,
L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 ,
L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458693.73	3756194.08	53.51060	(23122108)	458693.73	3756224.08	72.61395	(23122108)
458723.73	3756194.08	56.68150	(23122108)	458723.73	3756224.08	82.72698	(23122108)
458753.73	3756224.08	96.13986	(23122108)	458783.73	3756224.08	114.32034	(23122108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458909.21	3756133.18	427.08356	(19021407)	458909.21	3756163.18	865.78176	(21052707)
458939.21	3756103.18	242.54598	(23121808)	458939.21	3756133.18	383.01798	(21122914)
458939.21	3756163.18	698.71363	(21122914)	458969.21	3756043.18	129.40064	(19062708)
458969.21	3756073.18	177.53102	(19062708)	458969.21	3756103.18	231.69910	(21122914)
458969.21	3756133.18	292.26053	(23041408)	458969.21	3756163.18	641.31989	(19122708)
458969.21	3756193.18	1129.94869	(23012407)	458969.21	3756223.18	1233.63578	(19120908)
458999.21	3756013.18	103.22141	(19062708)	458999.21	3756043.18	123.42260	(21122914)
458999.21	3756073.18	146.08980	(23041408)	458999.21	3756103.18	193.15238	(23041408)
458999.21	3756133.18	308.80266	(19122708)	458999.21	3756163.18	467.66348	(19122708)
458999.21	3756193.18	787.78335	(19011808)	458999.21	3756223.18	908.62208	(22022107)
459029.21	3755953.18	67.58892	(19062708)	459029.21	3755983.18	77.91631	(19062708)
459029.21	3756013.18	87.71995	(21122914)	459029.21	3756043.18	109.84480	(23041408)
459029.21	3756073.18	135.75601	(23041408)	459029.21	3756103.18	169.48722	(19122708)
459029.21	3756133.18	305.98351	(19122708)	459029.21	3756163.18	365.39437	(23012408)
459029.21	3756193.18	604.55710	(19011808)	459029.21	3756223.18	739.70928	(22022107)
459059.21	3755923.18	53.76641	(19062708)	459059.21	3755953.18	59.70859	(21122914)
459059.21	3755983.18	64.00260	(23041408)	459059.21	3756013.18	84.87959	(23041408)
459059.21	3756043.18	98.76595	(23041408)	459059.21	3756073.18	102.27795	(19122708)
459059.21	3756103.18	196.82919	(19122708)	459059.21	3756133.18	254.66975	(19122708)
459059.21	3756163.18	295.21333	(19011408)	459059.21	3756193.18	489.02880	(19011808)
459059.21	3756223.18	622.07367	(22022107)	459089.21	3755863.18	39.09582	(19062708)
459089.21	3755893.18	43.26248	(21122914)	459089.21	3755923.18	45.92260	(21122914)
459089.21	3755953.18	53.56996	(23041408)	459089.21	3755983.18	67.45617	(23041408)
459089.21	3756013.18	75.47674	(23041408)	459089.21	3756043.18	73.18949	(23041408)
459089.21	3756073.18	129.34009	(19122708)	459089.21	3756103.18	193.16064	(19122708)
459089.21	3756133.18	207.29166	(23012408)	459089.21	3756163.18	240.65158	(19011408)
459089.21	3756193.18	410.12050	(19011808)	459089.21	3756223.18	534.34533	(23012407)
459119.21	3755833.18	32.76772	(21122914)	459119.21	3755863.18	34.91416	(21122914)
459119.21	3755893.18	35.70538	(21123014)	459119.21	3755923.18	45.25976	(23041408)
459119.21	3755953.18	54.74800	(23041408)	459119.21	3755983.18	59.52859	(23041408)
459119.21	3756013.18	57.15773	(23041408)	459119.21	3756043.18	87.59136	(19122708)
459119.21	3756073.18	141.15351	(19122708)	459119.21	3756103.18	169.63914	(19122708)
459119.21	3756133.18	184.91442	(23012408)	459119.21	3756163.18	197.60976	(19011408)
459119.21	3756193.18	353.36111	(19011808)	459119.21	3756223.18	477.39468	(23012407)
459149.21	3755773.18	25.65263	(21122914)	459149.21	3755803.18	27.41438	(21122914)
459149.21	3755833.18	28.12274	(21122914)	459149.21	3755863.18	30.38718	(23041408)
459149.21	3755893.18	38.63108	(23041408)	459149.21	3755923.18	45.27424	(23041408)
459149.21	3755953.18	48.13958	(23041408)	459149.21	3755983.18	45.87702	(23041408)
459149.21	3756013.18	61.29909	(19122708)	459149.21	3756043.18	102.49749	(19122708)
459149.21	3756073.18	137.84977	(19122708)	459149.21	3756103.18	139.87585	(19122708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459149.21	3756133.18	165.85475	(19011408)	459149.21	3756163.18	164.72483	(19011408)
459149.21	3756193.18	311.15112	(19011808)	459149.21	3756223.18	432.69725	(23012407)
459179.21	3755773.18	22.79519	(21122914)	459179.21	3755803.18	23.61078	(21123014)
459179.21	3755833.18	26.94645	(23041408)	459179.21	3755863.18	33.17383	(23041408)
459179.21	3755893.18	37.88251	(23041408)	459179.21	3755923.18	39.63775	(23041408)
459179.21	3755953.18	37.63951	(23041408)	459179.21	3755983.18	45.02296	(21020910)
459179.21	3756013.18	74.98648	(19122708)	459179.21	3756043.18	108.21613	(19122708)
459179.21	3756073.18	124.76104	(19122708)	459179.21	3756103.18	128.22384	(23012408)
459179.21	3756133.18	149.19365	(19011408)	459179.21	3756163.18	139.92625	(19011408)
459179.21	3756193.18	278.56338	(19011808)	459179.21	3756223.18	396.94437	(23012407)
459209.21	3755803.18	23.96870	(23041408)	459209.21	3755833.18	28.71567	(23041408)
459209.21	3755863.18	32.11045	(23041408)	459209.21	3755893.18	33.24214	(23041408)
459209.21	3755923.18	31.47582	(23041408)	459209.21	3755953.18	36.90356	(21020910)

459209.21	3755983.18	55.63452	(19122708)	459209.21	3756013.18	83.76629	(19122708)
459209.21	3756043.18	105.64391	(19122708)	459209.21	3756073.18	107.68483	(19122708)
459209.21	3756103.18	119.05484	(23012408)	459209.21	3756133.18	133.25721	(19011408)
459209.21	3756163.18	128.60855	(23010908)	459209.21	3756193.18	252.15708	(19011808)
459209.21	3756223.18	368.17626	(23012407)	459239.21	3755803.18	25.08797	(23041408)
459239.21	3755833.18	27.54370	(23041408)	459239.21	3755863.18	28.12702	(23041408)
459239.21	3755893.18	26.85614	(20012208)	459239.21	3755923.18	30.39240	(21020910)
459239.21	3755953.18	41.95924	(19122708)	459239.21	3755983.18	64.65820	(19122708)
459239.21	3756013.18	86.75318	(19122708)	459239.21	3756043.18	97.49565	(19122708)
459239.21	3756073.18	93.26976	(23012408)	459239.21	3756103.18	110.93349	(19011408)
459239.21	3756133.18	118.91277	(19011408)	459239.21	3756163.18	119.67034	(23010908)
459239.21	3756193.18	231.77650	(19011808)	459239.21	3756223.18	343.35405	(23012407)
459269.21	3755833.18	24.15308	(23041408)	459269.21	3755863.18	23.79434	(20012208)
459269.21	3755893.18	25.94185	(20012208)	459269.21	3755923.18	32.22454	(19122708)
459269.21	3755953.18	50.14772	(19122708)	459269.21	3755983.18	70.15183	(19122708)
459269.21	3756013.18	84.76836	(19122708)	459269.21	3756043.18	86.65485	(19122708)
459269.21	3756073.18	90.60603	(23012408)	459269.21	3756103.18	104.91227	(19011408)
459269.21	3756133.18	109.70209	(19011408)	459269.21	3756163.18	118.13474	(23010908)
459269.21	3756193.18	221.10626	(19011808)	459269.21	3756223.18	326.39059	(23012407)
459299.21	3755863.18	23.06298	(20012208)	459299.21	3755893.18	26.06257	(21020910)
459299.21	3755923.18	39.20481	(19122708)	459299.21	3755953.18	56.33783	(19122708)
459299.21	3755983.18	71.83949	(19122708)	459299.21	3756013.18	79.32700	(19122708)
459299.21	3756043.18	75.49400	(19122708)	459299.21	3756073.18	90.16336	(23012408)
459299.21	3756103.18	108.94537	(19011408)	459299.21	3756133.18	112.36367	(19011408)
459299.21	3756163.18	133.98365	(21120308)	459299.21	3756193.18	214.59340	(19011808)
459299.21	3756223.18	318.50469	(23012407)	459329.21	3755863.18	22.35238	(20012208)
459329.21	3755893.18	30.94992	(19122708)	459329.21	3755923.18	45.20766	(19122708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459329.21	3755953.18	59.94143	(19122708)	459329.21	3755983.18	70.34860	(19122708)
459329.21	3756013.18	73.87401	(19122708)	459329.21	3756043.18	74.28808	(23012408)
459329.21	3756073.18	96.88364	(19011408)	459329.21	3756103.18	113.01263	(19011408)
459329.21	3756133.18	114.39295	(22122907)	459329.21	3756163.18	147.62869	(22122907)
459329.21	3756193.18	207.67457	(19011808)	459329.21	3756223.18	313.27301	(23012407)
459359.21	3755893.18	36.36754	(19122708)	459359.21	3755923.18	49.58658	(19122708)
459359.21	3755953.18	60.95349	(19122708)	459359.21	3755983.18	69.73638	(19122708)
459359.21	3756013.18	75.46236	(19122708)	459359.21	3756043.18	80.01516	(23012408)
459359.21	3756073.18	100.55627	(19011408)	459359.21	3756103.18	111.49012	(19011408)
459359.21	3756133.18	128.27164	(22122907)	459359.21	3756163.18	160.49637	(22122907)
459359.21	3756193.18	199.56087	(19011808)	459359.21	3756223.18	308.80430	(23012407)
459389.21	3755923.18	52.07642	(19122708)	459389.21	3755953.18	59.75973	(19122708)
459389.21	3755983.18	66.27322	(19122708)	459389.21	3756013.18	76.24814	(20121708)
459389.21	3756043.18	84.35194	(19011408)	459389.21	3756073.18	102.99498	(19011408)
459389.21	3756103.18	107.16275	(19011408)	459389.21	3756133.18	140.22476	(22122907)
459389.21	3756163.18	167.70651	(22122907)	459389.21	3756193.18	196.78292	(22120108)
459389.21	3756223.18	303.67157	(23012407)	458472.27	3755792.92	42.53885	(21122107)
458472.27	3755822.92	44.57813	(19120307)	458472.27	3755852.92	46.49047	(23011207)
458472.27	3755882.92	48.70593	(19011007)	458472.27	3755912.92	54.04477	(20010107)
458472.27	3755942.92	65.25317	(22020807)	458472.27	3755972.92	73.66507	(21012907)
458472.27	3756002.92	75.53954	(20122107)	458502.27	3755792.92	43.53697	(19022607)
458502.27	3755822.92	46.77735	(21122107)	458502.27	3755852.92	49.18923	(19120307)
458502.27	3755882.92	51.16561	(23011207)	458502.27	3755912.92	54.54682	(22012107)
458502.27	3755942.92	62.96279	(20010107)	458502.27	3755972.92	76.22004	(22020807)
458502.27	3756002.92	83.12689	(21012907)	458502.27	3756032.92	86.24886	(20012407)
458532.27	3755792.92	45.74019	(23011107)	458532.27	3755822.92	48.00241	(19022607)
458532.27	3755852.92	51.82393	(21122107)	458532.27	3755882.92	54.68307	(19120307)
458532.27	3755912.92	57.26167	(20022107)	458532.27	3755942.92	61.56869	(22022807)
458532.27	3755972.92	75.65455	(22020807)	458532.27	3756002.92	88.13554	(21012907)
458532.27	3756032.92	91.46926	(20122107)	458562.27	3755792.92	47.23545	(22012407)
458562.27	3755822.92	50.64738	(23011107)	458562.27	3755852.92	53.34257	(19022607)
458562.27	3755882.92	57.88894	(21122107)	458562.27	3755912.92	61.34509	(23011207)
458562.27	3755942.92	64.77589	(19011007)	458562.27	3755972.92	72.85659	(20010107)
458562.27	3756002.92	91.16383	(22020807)	458562.27	3756032.92	101.89029	(21012907)
458562.27	3756062.92	106.39828	(20012407)	458592.27	3755792.92	49.50032	(20120107)
458592.27	3755822.92	52.31805	(22012407)	458592.27	3755852.92	56.48853	(23011107)
458592.27	3755882.92	59.75707	(19022607)	458592.27	3755912.92	65.31072	(21122107)
458592.27	3755942.92	69.75809	(23011207)	458592.27	3755972.92	74.01961	(19011007)
458592.27	3756002.92	89.03721	(22020807)	458592.27	3756032.92	108.82214	(22020807)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458622.27	3755822.92	55.14623	(22122607)	458622.27	3755852.92	58.76332	(23120607)
458622.27	3755882.92	63.51500	(23011107)	458622.27	3755912.92	67.82274	(23122807)
458622.27	3755942.92	74.65621	(21122107)	458622.27	3755972.92	80.23525	(23011207)
458622.27	3756002.92	86.57178	(22012107)	458622.27	3756032.92	111.75668	(22020807)
458622.27	3756062.92	129.52996	(21012907)	458622.27	3756092.92	137.01723	(20122307)
458652.27	3755792.92	53.20177	(21123007)	458652.27	3755822.92	57.49333	(22122607)
458652.27	3755852.92	62.65086	(22122607)	458652.27	3755882.92	66.83678	(23120607)
458652.27	3755912.92	72.47767	(19012307)	458652.27	3755942.92	78.13973	(23122807)
458652.27	3755972.92	86.57808	(21122107)	458652.27	3756002.92	93.48474	(23011207)
458652.27	3756032.92	106.99560	(20010107)	458652.27	3756062.92	139.66663	(22020807)
458652.27	3756092.92	151.82698	(20012407)	458652.27	3756122.92	167.23498	(20120307)
458682.27	3755792.92	55.03726	(21123007)	458682.27	3755822.92	60.32840	(21123007)
458682.27	3755852.92	64.50247	(21123008)	458682.27	3755882.92	71.26266	(22122607)
458682.27	3755912.92	76.83110	(20120107)	458682.27	3755942.92	83.65513	(19012307)
458682.27	3755972.92	91.50615	(23122807)	458682.27	3756002.92	102.44247	(21122107)
458682.27	3756032.92	112.00893	(20022107)	458682.27	3756062.92	141.59875	(22020807)
458682.27	3756092.92	173.78892	(21012907)	458682.27	3756122.92	188.89927	(20120307)
458712.27	3755792.92	59.00109	(20012807)	458712.27	3755822.92	59.57772	(20012807)
458712.27	3755852.92	67.34982	(21123007)	458712.27	3755882.92	74.10238	(21123007)
458712.27	3755912.92	81.00584	(22122607)	458712.27	3755942.92	90.09554	(22122607)
458712.27	3755972.92	98.36981	(22012407)	458712.27	3756002.92	109.65591	(21121307)
458712.27	3756032.92	124.06441	(21122107)	458712.27	3756062.92	137.65302	(21010707)
458712.27	3756092.92	189.13389	(22020807)	458712.27	3756122.92	214.62324	(20012407)
458712.27	3756152.92	239.93451	(21121707)	458742.27	3755792.92	63.95249	(20012807)
458742.27	3755822.92	69.27331	(20012807)	458742.27	3755852.92	73.25352	(20012807)
458742.27	3755882.92	75.12930	(20012807)	458742.27	3755912.92	85.35609	(21123007)
458742.27	3755942.92	94.44646	(21123007)	458742.27	3755972.92	107.23682	(22122607)
458742.27	3756002.92	123.04789	(20080507)	458742.27	3756032.92	134.98443	(23011107)
458742.27	3756062.92	155.16223	(21022307)	458742.27	3756092.92	187.00506	(22020807)
458742.27	3756122.92	252.82268	(21012907)	458742.27	3756152.92	287.17766	(20120307)
458742.27	3756182.92	371.58355	(23122108)	458772.27	3755792.92	65.17282	(19021407)
458772.27	3755822.92	70.33423	(19010307)	458772.27	3755852.92	77.67236	(20012807)
458772.27	3755882.92	86.55441	(20012807)	458772.27	3755912.92	94.17680	(20012807)
458772.27	3755942.92	99.08401	(20012807)	458772.27	3755972.92	113.30692	(21123007)
458772.27	3756002.92	128.13087	(22122607)	458772.27	3756032.92	160.03722	(20080507)
458772.27	3756062.92	172.83700	(20080507)	458772.27	3756092.92	202.84940	(21022307)
458772.27	3756122.92	280.93468	(21050707)	458772.27	3756152.92	341.44274	(20122307)
458772.27	3756182.92	434.70923	(23122108)	458802.27	3755792.92	66.03974	(19021407)
458802.27	3755822.92	73.67110	(19021407)	458802.27	3755852.92	81.61232	(19021407)
458802.27	3755882.92	89.46231	(19021407)	458802.27	3755912.92	98.29026	(19010307)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458802.27	3755942.92	112.14528	(20012807)	458802.27	3755972.92	127.08443	(20012807)
458802.27	3756002.92	138.33451	(20012807)	458802.27	3756032.92	160.89679	(21123007)
458802.27	3756062.92	212.00102	(20080507)	458802.27	3756092.92	251.01293	(20080507)
458802.27	3756122.92	297.88337	(21050707)	458802.27	3756152.92	431.16728	(21050707)
458802.27	3756182.92	532.29254	(23122108)	458802.27	3756212.92	874.97294	(23122108)
458832.27	3755792.92	56.29373	(19021407)	458832.27	3755822.92	65.12917	(19021407)
458832.27	3755852.92	75.58860	(19021407)	458832.27	3755882.92	87.75597	(19021407)
458832.27	3755912.92	101.67509	(19021407)	458832.27	3755942.92	117.49741	(19021407)

458832.27	3755972.92	134.67685	(19021407)	458832.27	3756002.92	153.58193	(19010307)
458832.27	3756032.92	182.67285	(20012807)	458832.27	3756062.92	212.38437	(20012807)
458832.27	3756092.92	288.49313	(20080507)	458832.27	3756122.92	387.30685	(20080507)
458832.27	3756152.92	556.67034	(21050707)	458832.27	3756182.92	707.63117	(23122108)
458862.27	3755792.92	48.15517	(23101707)	458862.27	3755822.92	52.98791	(23101707)
458862.27	3755852.92	58.64758	(23101707)	458862.27	3755882.92	68.40848	(19021407)
458862.27	3755912.92	82.75141	(19021407)	458862.27	3755942.92	100.99686	(19021407)
458862.27	3755972.92	124.51545	(19021407)	458862.27	3756002.92	154.43518	(19021407)
458862.27	3756032.92	191.69372	(19021407)	458862.27	3756062.92	238.13372	(19021407)
458862.27	3756092.92	297.72919	(20012807)	458862.27	3756122.92	423.12520	(21052707)
458862.27	3756152.92	713.81951	(20080507)	458892.27	3755792.92	44.59087	(23101707)
458892.27	3755822.92	49.56234	(23101707)	458892.27	3755852.92	55.51344	(23101707)
458892.27	3755882.92	62.78687	(23101707)	458892.27	3755912.92	71.78782	(23101707)
458892.27	3755942.92	83.05388	(23101707)	458892.27	3755972.92	97.55552	(23101707)
458892.27	3756002.92	116.74972	(23101707)	458892.27	3756032.92	145.69960	(19021407)
458892.27	3756062.92	201.11031	(19021407)	458892.27	3756092.92	285.23844	(19021407)
458922.27	3755792.92	35.72816	(23101707)	458922.27	3755822.92	39.48516	(23101707)
458922.27	3755852.92	43.96583	(23101707)	458922.27	3755882.92	49.42783	(23101707)
458922.27	3755912.92	56.84873	(21052708)	458922.27	3755942.92	67.53272	(19011811)
458922.27	3755972.92	81.93819	(19011811)	458922.27	3756002.92	101.33419	(21122314)
458922.27	3756032.92	130.83594	(21122314)	458922.27	3756062.92	173.72243	(21122314)
458952.27	3755792.92	38.90986	(23121808)	458952.27	3755822.92	44.33105	(23121808)
458952.27	3755852.92	50.76386	(23121808)	458952.27	3755882.92	58.47665	(23121808)
458952.27	3755912.92	67.79701	(23121808)	458952.27	3755942.92	79.08756	(23121808)
458952.27	3755972.92	92.80130	(23121808)	458952.27	3756002.92	109.56961	(23121808)
458982.27	3755792.92	43.73415	(23121808)	458982.27	3755822.92	48.52038	(23121808)
458982.27	3755852.92	53.82829	(23121808)	458982.27	3755882.92	59.64512	(23121808)
458982.27	3755912.92	65.95283	(23121808)	458982.27	3755942.92	72.62341	(23121808)
458982.27	3755972.92	79.43864	(23121808)	459012.27	3755792.92	41.99730	(23121808)
459012.27	3755822.92	44.79648	(23121808)	459012.27	3755852.92	47.48679	(23121808)
459012.27	3755882.92	49.89876	(23121808)	459012.27	3755912.92	51.86843	(23121808)
459042.27	3755792.92	35.06324	(23121808)	459042.27	3755822.92	35.75937	(23121808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459042.27	3755852.92	36.07591	(23121808)	459042.27	3755882.92	43.02181	(19062708)
459072.27	3755792.92	26.46198	(23121808)	459072.27	3755822.92	32.14120	(19062708)
459102.27	3755792.92	29.35642	(19062708)	458632.68	3756291.16	253.80714	(21011107)
458632.68	3756321.16	237.36340	(22012108)	458632.68	3756351.16	239.54028	(23010507)
458632.68	3756381.16	227.83687	(23010507)	458662.68	3756291.16	304.57508	(21011107)
458662.68	3756321.16	253.93183	(22012108)	458662.68	3756351.16	282.13151	(23010507)
458662.68	3756381.16	246.46545	(23022807)	458662.68	3756411.16	220.76724	(21122108)
458662.68	3756441.16	168.28430	(22121308)	458662.68	3756471.16	176.31159	(20121407)
458662.68	3756501.16	185.92500	(20121407)	458662.68	3756531.16	167.83949	(20121407)
458692.68	3756291.16	341.31689	(21011107)	458692.68	3756321.16	335.77120	(23010507)
458692.68	3756351.16	296.50623	(23022807)	458692.68	3756381.16	267.82774	(21122108)
458692.68	3756411.16	200.86729	(22121308)	458692.68	3756441.16	214.81383	(20121407)
458692.68	3756471.16	215.22945	(20121407)	458692.68	3756501.16	184.57175	(20011008)
458692.68	3756531.16	168.53123	(20011008)	458722.68	3756291.16	370.01767	(22012108)
458722.68	3756321.16	380.64775	(23010507)	458722.68	3756351.16	332.13268	(21122108)
458722.68	3756381.16	245.32759	(22121308)	458722.68	3756411.16	265.10214	(20121407)
458722.68	3756441.16	248.76976	(20121407)	458722.68	3756471.16	215.06979	(20011008)
458722.68	3756501.16	181.93375	(20011008)	458722.68	3756531.16	151.36560	(21122808)
458752.68	3756291.16	509.93289	(23010507)	458752.68	3756321.16	424.21803	(21122108)
458752.68	3756351.16	308.59320	(22121308)	458752.68	3756381.16	331.20128	(20121407)
458752.68	3756411.16	285.90905	(20121407)	458752.68	3756441.16	244.59444	(20011008)
458752.68	3756471.16	195.05458	(21122808)	458752.68	3756501.16	156.59303	(21122808)
458752.68	3756531.16	135.93859	(21020907)	458782.68	3756291.16	570.68138	(23022807)
458782.68	3756321.16	418.13059	(20121407)	458782.68	3756351.16	417.53431	(20121407)
458782.68	3756381.16	341.13782	(20011008)	458782.68	3756411.16	269.02733	(20011008)
458782.68	3756441.16	208.55716	(21122808)	458782.68	3756471.16	172.59287	(21020907)
458782.68	3756501.16	142.88231	(21020907)	458782.68	3756531.16	120.17759	(20121408)
458812.68	3756291.16	625.88579	(20121407)	458812.68	3756321.16	527.52785	(20121407)
458812.68	3756351.16	405.07489	(20011008)	458812.68	3756381.16	295.39488	(21122808)
458812.68	3756411.16	229.72691	(21020907)	458812.68	3756441.16	181.01839	(21020907)
458812.68	3756471.16	166.11014	(21122407)	458812.68	3756501.16	156.58107	(21122407)
458812.68	3756531.16	145.12143	(21122407)	458842.68	3756291.16	680.62362	(20011008)
458842.68	3756321.16	472.10507	(20011008)	458842.68	3756351.16	328.45559	(21020907)
458842.68	3756381.16	275.23833	(21122407)	458842.68	3756411.16	243.39071	(21122407)

458842.68	3756441.16	213.43272	(21122407)	458842.68	3756471.16	185.58655	(21122407)
458842.68	3756501.16	160.40833	(21122407)	458842.68	3756531.16	138.65373	(21122807)
458872.68	3756291.16	578.44305	(21122808)	458872.68	3756321.16	435.79054	(21122407)
458872.68	3756351.16	347.66772	(21122407)	458872.68	3756381.16	281.68097	(21122807)
458872.68	3756411.16	240.60717	(21122807)	458872.68	3756441.16	207.54082	(21122807)
458872.68	3756471.16	180.21058	(21122807)	458872.68	3756501.16	157.61026	(21122807)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458872.68	3756531.16	138.70167	(21122807)	458902.68	3756291.16	572.82524	(21042107)
458902.68	3756321.16	404.53319	(21122807)	458902.68	3756351.16	311.21827	(21122807)
458902.68	3756381.16	246.78317	(21122807)	458902.68	3756411.16	200.49248	(21122807)
458902.68	3756441.16	166.17916	(21122807)	458902.68	3756471.16	140.04946	(21122807)
458902.68	3756501.16	119.74834	(21122807)	458902.68	3756531.16	103.66470	(21122807)
458932.68	3756291.16	669.55136	(21042107)	458932.68	3756321.16	462.69613	(21042107)
458932.68	3756351.16	332.80201	(21042107)	458932.68	3756381.16	243.86318	(20013007)
458932.68	3756411.16	206.98456	(20013007)	458932.68	3756441.16	178.12333	(20013007)
458932.68	3756471.16	154.89888	(20013007)	458932.68	3756501.16	135.81582	(20013007)
458932.68	3756531.16	119.97298	(20013007)	458962.68	3756291.16	691.87540	(22021507)
458962.68	3756321.16	519.83693	(22021507)	458962.68	3756351.16	372.89623	(22021507)
458962.68	3756381.16	273.24546	(21042107)	458962.68	3756411.16	221.26624	(21042107)
458962.68	3756441.16	177.11638	(21042107)	458962.68	3756471.16	139.98409	(21042107)
458962.68	3756501.16	125.39051	(20013007)	458962.68	3756531.16	114.92253	(20013007)
458992.68	3756291.16	755.48713	(23091507)	458992.68	3756321.16	482.58858	(22021507)
458992.68	3756351.16	433.45379	(22021507)	458992.68	3756381.16	349.37766	(22021507)
458992.68	3756411.16	260.13438	(22021507)	458992.68	3756441.16	180.99744	(22021507)
458992.68	3756471.16	153.29739	(19011708)	458992.68	3756501.16	135.15394	(19011708)
458992.68	3756531.16	117.12776	(19011708)	459022.68	3756291.16	601.16188	(22120507)
459022.68	3756321.16	524.50821	(23091507)	459022.68	3756351.16	341.83020	(19012107)
459022.68	3756381.16	338.35388	(22021507)	459022.68	3756411.16	308.78830	(22021507)
459022.68	3756441.16	254.75030	(22021507)	459022.68	3756471.16	194.86007	(22021507)
459022.68	3756501.16	140.06444	(22021507)	459022.68	3756531.16	116.76544	(19011708)
459052.68	3756291.16	497.43429	(21120908)	459052.68	3756321.16	450.65062	(22120507)
459052.68	3756351.16	395.67567	(23091507)	459052.68	3756381.16	266.39947	(19022107)
459052.68	3756411.16	256.90834	(19012107)	459052.68	3756441.16	257.62359	(22021507)
459052.68	3756471.16	234.71774	(22021507)	459052.68	3756501.16	196.01374	(22021507)
459052.68	3756531.16	152.85686	(22021507)	459082.68	3756291.16	376.25305	(19020407)
459082.68	3756321.16	391.33074	(21120908)	459082.68	3756351.16	356.12953	(21120907)
459082.68	3756381.16	311.18996	(23091507)	459082.68	3756411.16	226.40322	(19022107)
459082.68	3756441.16	209.02774	(19012107)	459082.68	3756471.16	206.51907	(22021507)
459082.68	3756501.16	205.26484	(22021507)	459082.68	3756531.16	187.17720	(22021507)
459112.68	3756291.16	397.12361	(19020407)	459112.68	3756321.16	320.09620	(21120908)
459112.68	3756351.16	326.30789	(22120507)	459112.68	3756381.16	293.27471	(21120907)
459112.68	3756411.16	252.36964	(23091507)	459112.68	3756441.16	195.18223	(19022107)
459112.68	3756471.16	169.83763	(19012107)	459112.68	3756501.16	171.28115	(19012107)
459112.68	3756531.16	175.63413	(22021507)	459142.68	3756291.16	393.00497	(19020407)
459142.68	3756321.16	256.81660	(19020407)	459142.68	3756351.16	306.52884	(21120908)
459142.68	3756381.16	289.51285	(22120507)	459142.68	3756411.16	248.98861	(21120907)
459142.68	3756441.16	209.50926	(23091507)	459142.68	3756471.16	171.01183	(19022107)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459142.68	3756501.16	139.42811	(19012107)	459142.68	3756531.16	151.32948	(19012107)
459172.68	3756291.16	375.93238	(21122308)	459172.68	3756321.16	296.89509	(19020407)
459172.68	3756351.16	242.46666	(21120908)	459172.68	3756381.16	274.14282	(21120908)

459172.68	3756411.16	253.69309	(22120507)	459172.68	3756441.16	217.20404	(21120907)
459172.68	3756471.16	177.07812	(23091507)	459172.68	3756501.16	155.36275	(21021008)
459172.68	3756531.16	130.64664	(19101707)	459202.68	3756291.16	343.08881	(21122308)
459202.68	3756321.16	314.44405	(19020407)	459202.68	3756351.16	203.06603	(21102507)
459202.68	3756381.16	236.16841	(21120908)	459202.68	3756411.16	232.52061	(21120908)
459202.68	3756441.16	219.17049	(22120507)	459202.68	3756471.16	193.43804	(21122307)
459202.68	3756501.16	168.20924	(21021008)	459202.68	3756531.16	153.99863	(21021008)
459232.68	3756291.16	306.12027	(21122308)	459232.68	3756321.16	299.97736	(19020407)
459232.68	3756351.16	223.06248	(19020407)	459232.68	3756381.16	181.93333	(21120908)
459232.68	3756411.16	221.53278	(21120908)	459232.68	3756441.16	208.09272	(22120507)
459232.68	3756471.16	195.05187	(22120507)	459232.68	3756501.16	175.41388	(21122307)
459232.68	3756531.16	160.65517	(21021008)	459262.68	3756291.16	298.70347	(21120307)
459262.68	3756321.16	272.23103	(19020407)	459262.68	3756351.16	240.31837	(19020407)
459262.68	3756381.16	169.82669	(19010708)	459262.68	3756411.16	185.98772	(21120908)
459262.68	3756441.16	202.42841	(21120908)	459262.68	3756471.16	191.29437	(22120507)
459262.68	3756501.16	178.70934	(21120907)	459262.68	3756531.16	161.02209	(21122307)
459292.68	3756291.16	291.22678	(19120908)	459292.68	3756321.16	251.35765	(21122308)
459292.68	3756351.16	238.52762	(19020407)	459292.68	3756381.16	177.28967	(21102507)
459292.68	3756411.16	155.19448	(21100707)	459292.68	3756441.16	181.41960	(21120908)
459292.68	3756471.16	179.41036	(21120908)	459292.68	3756501.16	177.60122	(22120507)
459292.68	3756531.16	167.48622	(21120907)	459322.68	3756291.16	282.05765	(19120908)
459322.68	3756321.16	229.44770	(21122308)	459322.68	3756351.16	229.61623	(19020407)
459322.68	3756381.16	187.14916	(19020407)	459322.68	3756411.16	138.09882	(19010708)
459322.68	3756441.16	151.07283	(21100707)	459322.68	3756471.16	171.32792	(21120908)
459322.68	3756501.16	159.96034	(22120507)	459322.68	3756531.16	168.68976	(22120507)
459352.68	3756291.16	279.45039	(19120908)	459352.68	3756321.16	215.00938	(21120307)
459352.68	3756351.16	224.60981	(19020407)	459352.68	3756381.16	204.66714	(19020407)
459352.68	3756411.16	150.91250	(21102507)	459352.68	3756441.16	134.83225	(19010708)
459352.68	3756471.16	147.81279	(21120908)	459352.68	3756501.16	159.88624	(21120908)
459352.68	3756531.16	157.47691	(22120507)	459382.68	3756291.16	277.45012	(19120908)
459382.68	3756321.16	221.88278	(21120307)	459382.68	3756351.16	209.58091	(19020407)
459382.68	3756381.16	208.45889	(19020407)	459382.68	3756411.16	160.40916	(21102507)
459382.68	3756441.16	137.23244	(19010708)	459382.68	3756471.16	129.58039	(21100707)
459382.68	3756501.16	146.43999	(21120908)	459382.68	3756531.16	155.61158	(22122708)
458633.73	3756194.08	279.01673	(23122108)	458633.73	3756224.08	294.77436	(21010507)
458663.73	3756164.08	187.58538	(22121607)	458663.73	3756194.08	317.41796	(23122108)
458663.73	3756224.08	336.26839	(21010507)	458693.73	3756164.08	219.29388	(19122608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,
L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,
L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,
L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458693.73	3756194.08	365.74568	(23122108)	458693.73	3756224.08	388.92918	(21010507)
458723.73	3756194.08	427.51927	(23122108)	458723.73	3756224.08	457.77814	(21010507)
458753.73	3756224.08	553.18693	(22010708)	458783.73	3756224.08	707.17000	(21011108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ONSITE	1ST HIGHEST VALUE IS	45.02314	AT (458909.21, 3756163.18, 229.82, 229.82, 0.00)	DC	
	2ND HIGHEST VALUE IS	42.75077	AT (458969.21, 3756193.18, 230.73, 230.73, 0.00)	DC	
	3RD HIGHEST VALUE IS	36.39696	AT (458969.21, 3756223.18, 231.32, 231.32, 0.00)	DC	
	4TH HIGHEST VALUE IS	32.92632	AT (458939.21, 3756163.18, 230.01, 230.01, 0.00)	DC	
	5TH HIGHEST VALUE IS	22.37601	AT (458862.27, 3756152.92, 229.32, 229.32, 0.00)	DC	
	6TH HIGHEST VALUE IS	21.37091	AT (458832.27, 3756182.92, 229.22, 229.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	20.98441	AT (458999.21, 3756193.18, 230.96, 230.96, 0.00)	DC	
	8TH HIGHEST VALUE IS	19.55284	AT (458969.21, 3756163.18, 230.30, 230.30, 0.00)	DC	
	9TH HIGHEST VALUE IS	18.23010	AT (458999.21, 3756223.18, 231.63, 231.63, 0.00)	DC	
	10TH HIGHEST VALUE IS	14.03990	AT (458832.27, 3756152.92, 229.16, 229.16, 0.00)	DC	
OFFSITE	1ST HIGHEST VALUE IS	11.82056	AT (459059.21, 3756223.18, 232.42, 232.42, 0.00)	DC	

```
          2ND HIGHEST VALUE IS      11.81972 AT (  459209.21,  3756223.18,   234.34,   234.34,    0.00)  DC
          3RD HIGHEST VALUE IS      11.77356 AT (  459029.21,  3756223.18,   231.94,   231.94,    0.00)  DC
          4TH HIGHEST VALUE IS      11.77071 AT (  459089.21,  3756223.18,   232.84,   232.84,    0.00)  DC
          5TH HIGHEST VALUE IS      11.76262 AT (  459269.21,  3756223.18,   235.45,   235.45,    0.00)  DC
          6TH HIGHEST VALUE IS      11.75668 AT (  459179.21,  3756223.18,   233.80,   233.80,    0.00)  DC
          7TH HIGHEST VALUE IS      11.75360 AT (  459239.21,  3756223.18,   234.84,   234.84,    0.00)  DC
          8TH HIGHEST VALUE IS      11.75096 AT (  459119.21,  3756223.18,   233.26,   233.26,    0.00)  DC
          9TH HIGHEST VALUE IS      11.74402 AT (  459149.21,  3756223.18,   233.55,   233.55,    0.00)  DC
         10TH HIGHEST VALUE IS      11.73325 AT (  458999.21,  3756223.18,   231.63,   231.63,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      47.97163 AT (  458969.21,  3756223.18,   231.32,   231.32,    0.00)  DC
          2ND HIGHEST VALUE IS      47.13004 AT (  458909.21,  3756163.18,   229.82,   229.82,    0.00)  DC
          3RD HIGHEST VALUE IS      47.10462 AT (  458969.21,  3756193.18,   230.73,   230.73,    0.00)  DC
          4TH HIGHEST VALUE IS      35.18665 AT (  458939.21,  3756163.18,   230.01,   230.01,    0.00)  DC
          5TH HIGHEST VALUE IS      29.96335 AT (  458999.21,  3756223.18,   231.63,   231.63,    0.00)  DC
          6TH HIGHEST VALUE IS      25.50041 AT (  458999.21,  3756193.18,   230.96,   230.96,    0.00)  DC
          7TH HIGHEST VALUE IS      23.95144 AT (  458862.27,  3756152.92,   229.32,   229.32,    0.00)  DC
          8TH HIGHEST VALUE IS      23.36896 AT (  458832.27,  3756182.92,   229.22,   229.22,    0.00)  DC
          9TH HIGHEST VALUE IS      22.77427 AT (  459029.21,  3756223.18,   231.94,   231.94,    0.00)  DC
         10TH HIGHEST VALUE IS      21.94539 AT (  458969.21,  3756163.18,   230.30,   230.30,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                          ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                ***       17:47:55
                                                                                                              PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

                                                 DATE                                                                  NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ONSITE    HIGH   1ST HIGH VALUE IS    1169.34639  ON 19120908: AT (  458969.21,  3756223.18,   231.32,   231.32,    0.00)  DC

OFFSITE   HIGH   1ST HIGH VALUE IS     172.83734  ON 22120108: AT (  459389.21,  3756223.18,   238.84,   238.84,    0.00)  DC

ALL       HIGH   1ST HIGH VALUE IS    1233.63578  ON 19120908: AT (  458969.21,  3756223.18,   231.32,   231.32,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** Arlington Construction                                          ***        03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                ***       17:47:55
                                                                                                              PAGE 208
 *** 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            2 Warning Message(s)
 A Total of         1829 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          852 Calm Hours Identified

 A Total of          977 Missing Hours Identified (  2.23 Percent)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2003       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2003       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 3/31/2026
** File: C:\Lakes\AERMOD View\Arlington\Ops\Ops.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Arlington Operations
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2492442
   POLLUTID TOG
   RUNORNOT RUN
   ERRORFIL Ops.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA1        AREA       458899.371  3756193.882      230.270
** DESCRSRC Fueling
** Source Parameters **
   SRCPARAM AREA1        0.0033453028     1.000    10.000    15.000     0.000
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED Ops.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE kral_sfc_pfl\KRAL_V11_trimmed.sfc
   PROFFILE kral_sfc_pfl\KRAL_V11_trimmed.PFL
   SURFDATA 3171 2019
   UAIRDATA 3190 2019
   PROFBASE 256.22 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OPS.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL OPS.AD\PE00GALL.PLT 32
   SUMMFILE Ops.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      64       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187      64       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

**********************************
*** SETUP Finishes Successfully ***
**********************************

*** AERMOD - VERSION 24142  ***   *** Arlington Operations                                                    ***        03/31/26
*** AERMET - VERSION  22112 ***   ***                                                                        ***       16:19:29
                                                                                                                      PAGE   1
*** 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 =   2492442.0 ;  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: TOG

**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     646 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:  22112

**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) =   256.22 ;  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 =      3.6 MB of RAM.
```

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: Ops.err
**File for Summary of Results: Ops.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
AREA1	0	0.33453E-02	458899.4	3756193.9	230.3	1.00	10.00	15.00	0.00	0.00	YES	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	AREA1 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
2492442.		AREA1 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458909.2,	3756133.2,	229.6,	229.6,	0.0);	(458909.2,	3756163.2,	229.8,	229.8,	0.0);
(458939.2,	3756103.2,	229.7,	229.7,	0.0);	(458939.2,	3756133.2,	229.8,	229.8,	0.0);
(458939.2,	3756163.2,	230.0,	230.0,	0.0);	(458969.2,	3756043.2,	229.7,	229.7,	0.0);
(458969.2,	3756073.2,	229.9,	229.9,	0.0);	(458969.2,	3756103.2,	230.0,	230.0,	0.0);
(458969.2,	3756133.2,	230.2,	230.2,	0.0);	(458969.2,	3756163.2,	230.3,	230.3,	0.0);
(458969.2,	3756193.2,	230.7,	230.7,	0.0);	(458969.2,	3756223.2,	231.3,	231.3,	0.0);
(458999.2,	3756013.2,	230.1,	230.1,	0.0);	(458999.2,	3756043.2,	230.3,	230.3,	0.0);
(458999.2,	3756073.2,	230.5,	230.5,	0.0);	(458999.2,	3756103.2,	230.8,	230.8,	0.0);
(458999.2,	3756133.2,	230.9,	230.9,	0.0);	(458999.2,	3756163.2,	230.8,	230.8,	0.0);
(458999.2,	3756193.2,	231.0,	231.0,	0.0);	(458999.2,	3756223.2,	231.6,	231.6,	0.0);
(459029.2,	3755953.2,	229.8,	229.8,	0.0);	(459029.2,	3755983.2,	230.1,	230.1,	0.0);
(459029.2,	3756013.2,	230.4,	230.4,	0.0);	(459029.2,	3756043.2,	230.7,	230.7,	0.0);
(459029.2,	3756073.2,	231.1,	231.1,	0.0);	(459029.2,	3756103.2,	231.6,	231.6,	0.0);
(459029.2,	3756133.2,	231.7,	231.7,	0.0);	(459029.2,	3756163.2,	231.4,	231.4,	0.0);
(459029.2,	3756193.2,	231.3,	231.3,	0.0);	(459029.2,	3756223.2,	231.9,	231.9,	0.0);
(459059.2,	3755923.2,	229.7,	229.7,	0.0);	(459059.2,	3755953.2,	230.0,	230.0,	0.0);
(459059.2,	3755983.2,	230.2,	230.2,	0.0);	(459059.2,	3756013.2,	230.3,	230.3,	0.0);
(459059.2,	3756043.2,	230.7,	230.7,	0.0);	(459059.2,	3756073.2,	231.3,	231.3,	0.0);
(459059.2,	3756103.2,	231.9,	231.9,	0.0);	(459059.2,	3756133.2,	232.1,	232.1,	0.0);
(459059.2,	3756163.2,	231.8,	231.8,	0.0);	(459059.2,	3756193.2,	231.8,	231.8,	0.0);
(459059.2,	3756223.2,	232.4,	232.4,	0.0);	(459089.2,	3755863.2,	229.8,	229.8,	0.0);
(459089.2,	3755893.2,	229.9,	229.9,	0.0);	(459089.2,	3755923.2,	229.9,	229.9,	0.0);
(459089.2,	3755953.2,	230.1,	230.1,	0.0);	(459089.2,	3755983.2,	230.2,	230.2,	0.0);
(459089.2,	3756013.2,	230.5,	230.5,	0.0);	(459089.2,	3756043.2,	231.0,	231.0,	0.0);
(459089.2,	3756073.2,	231.4,	231.4,	0.0);	(459089.2,	3756103.2,	231.5,	231.5,	0.0);
(459089.2,	3756133.2,	231.8,	231.8,	0.0);	(459089.2,	3756163.2,	232.0,	232.0,	0.0);
(459089.2,	3756193.2,	232.3,	232.3,	0.0);	(459089.2,	3756223.2,	232.8,	232.8,	0.0);

(459119.2, 3755833.2, 230.0, 230.0, 0.0); (459119.2, 3755863.2, 230.2, 230.2, 0.0);
(459119.2, 3755893.2, 230.2, 230.2, 0.0); (459119.2, 3755923.2, 230.4, 230.4, 0.0);
(459119.2, 3755953.2, 230.5, 230.5, 0.0); (459119.2, 3755983.2, 230.5, 230.5, 0.0);
(459119.2, 3756013.2, 231.0, 231.0, 0.0); (459119.2, 3756043.2, 231.3, 231.3, 0.0);
(459119.2, 3756073.2, 231.4, 231.4, 0.0); (459119.2, 3756103.2, 231.4, 231.4, 0.0);
(459119.2, 3756133.2, 231.7, 231.7, 0.0); (459119.2, 3756163.2, 232.1, 232.1, 0.0);
(459119.2, 3756193.2, 232.8, 232.8, 0.0); (459119.2, 3756223.2, 233.3, 233.3, 0.0);
(459149.2, 3755773.2, 230.0, 230.0, 0.0); (459149.2, 3755803.2, 230.1, 230.1, 0.0);
(459149.2, 3755833.2, 230.3, 230.3, 0.0); (459149.2, 3755863.2, 230.6, 230.6, 0.0);
(459149.2, 3755893.2, 230.7, 230.7, 0.0); (459149.2, 3755923.2, 230.9, 230.9, 0.0);
(459149.2, 3755953.2, 230.9, 230.9, 0.0); (459149.2, 3755983.2, 230.8, 230.8, 0.0);
(459149.2, 3756013.2, 230.9, 230.9, 0.0); (459149.2, 3756043.2, 231.1, 231.1, 0.0);
(459149.2, 3756073.2, 231.4, 231.4, 0.0); (459149.2, 3756103.2, 231.6, 231.6, 0.0);
(459149.2, 3756133.2, 232.1, 232.1, 0.0); (459149.2, 3756163.2, 232.2, 232.2, 0.0);
(459149.2, 3756193.2, 233.0, 233.0, 0.0); (459149.2, 3756223.2, 233.6, 233.6, 0.0);
(459179.2, 3755773.2, 230.4, 230.4, 0.0); (459179.2, 3755803.2, 230.4, 230.4, 0.0);
(459179.2, 3755833.2, 230.3, 230.3, 0.0); (459179.2, 3755863.2, 230.5, 230.5, 0.0);
(459179.2, 3755893.2, 230.7, 230.7, 0.0); (459179.2, 3755923.2, 230.8, 230.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(459179.2, 3755953.2, 230.9, 230.9, 0.0); (459179.2, 3755983.2, 230.9, 230.9, 0.0);
(459179.2, 3756013.2, 231.1, 231.1, 0.0); (459179.2, 3756043.2, 231.5, 231.5, 0.0);
(459179.2, 3756073.2, 232.0, 232.0, 0.0); (459179.2, 3756103.2, 232.1, 232.1, 0.0);
(459179.2, 3756133.2, 232.5, 232.5, 0.0); (459179.2, 3756163.2, 232.8, 232.8, 0.0);
(459179.2, 3756193.2, 233.1, 233.1, 0.0); (459179.2, 3756223.2, 233.8, 233.8, 0.0);
(459209.2, 3755803.2, 230.7, 230.7, 0.0); (459209.2, 3755833.2, 230.6, 230.6, 0.0);
(459209.2, 3755863.2, 230.7, 230.7, 0.0); (459209.2, 3755893.2, 231.3, 231.3, 0.0);
(459209.2, 3755923.2, 231.6, 231.6, 0.0); (459209.2, 3755953.2, 231.6, 231.6, 0.0);
(459209.2, 3755983.2, 231.7, 231.7, 0.0); (459209.2, 3756013.2, 231.9, 231.9, 0.0);
(459209.2, 3756043.2, 232.0, 232.0, 0.0); (459209.2, 3756073.2, 232.7, 232.7, 0.0);
(459209.2, 3756103.2, 233.0, 233.0, 0.0); (459209.2, 3756133.2, 233.2, 233.2, 0.0);
(459209.2, 3756163.2, 233.9, 233.9, 0.0); (459209.2, 3756193.2, 234.3, 234.3, 0.0);
(459209.2, 3756223.2, 234.3, 234.3, 0.0); (459239.2, 3755803.2, 231.1, 231.1, 0.0);
(459239.2, 3755833.2, 231.2, 231.2, 0.0); (459239.2, 3755863.2, 231.2, 231.2, 0.0);
(459239.2, 3755893.2, 231.8, 231.8, 0.0); (459239.2, 3755923.2, 232.6, 232.6, 0.0);
(459239.2, 3755953.2, 232.8, 232.8, 0.0); (459239.2, 3755983.2, 232.9, 232.9, 0.0);
(459239.2, 3756013.2, 232.9, 232.9, 0.0); (459239.2, 3756043.2, 233.0, 233.0, 0.0);
(459239.2, 3756073.2, 233.5, 233.5, 0.0); (459239.2, 3756103.2, 234.1, 234.1, 0.0);
(459239.2, 3756133.2, 234.4, 234.4, 0.0); (459239.2, 3756163.2, 234.9, 234.9, 0.0);
(459239.2, 3756193.2, 235.2, 235.2, 0.0); (459239.2, 3756223.2, 234.8, 234.8, 0.0);
(459269.2, 3755833.2, 231.7, 231.7, 0.0); (459269.2, 3755863.2, 231.8, 231.8, 0.0);
(459269.2, 3755893.2, 232.0, 232.0, 0.0); (459269.2, 3755923.2, 232.6, 232.6, 0.0);
(459269.2, 3755953.2, 232.9, 232.9, 0.0); (459269.2, 3755983.2, 233.1, 233.1, 0.0);
(459269.2, 3756013.2, 233.5, 233.5, 0.0); (459269.2, 3756043.2, 234.1, 234.1, 0.0);
(459269.2, 3756073.2, 234.7, 234.7, 0.0); (459269.2, 3756103.2, 235.1, 235.1, 0.0);
(459269.2, 3756133.2, 235.6, 235.6, 0.0); (459269.2, 3756163.2, 236.0, 236.0, 0.0);
(459269.2, 3756193.2, 236.1, 236.1, 0.0); (459269.2, 3756223.2, 235.5, 235.5, 0.0);
(459299.2, 3755863.2, 232.3, 232.3, 0.0); (459299.2, 3755893.2, 232.4, 232.4, 0.0);
(459299.2, 3755923.2, 232.7, 232.7, 0.0); (459299.2, 3755953.2, 233.4, 233.4, 0.0);
(459299.2, 3755983.2, 233.8, 233.8, 0.0); (459299.2, 3756013.2, 234.1, 234.1, 0.0);
(459299.2, 3756043.2, 235.0, 235.0, 0.0); (459299.2, 3756073.2, 235.9, 235.9, 0.0);
(459299.2, 3756103.2, 236.3, 236.3, 0.0); (459299.2, 3756133.2, 237.1, 237.1, 0.0);
(459299.2, 3756163.2, 237.7, 237.7, 0.0); (459299.2, 3756193.2, 237.3, 237.3, 0.0);
(459299.2, 3756223.2, 236.1, 236.1, 0.0); (459329.2, 3755863.2, 232.4, 232.4, 0.0);
(459329.2, 3755893.2, 232.8, 232.8, 0.0); (459329.2, 3755923.2, 233.3, 233.3, 0.0);
(459329.2, 3755953.2, 234.0, 234.0, 0.0); (459329.2, 3755983.2, 234.9, 234.9, 0.0);
(459329.2, 3756013.2, 235.5, 235.5, 0.0); (459329.2, 3756043.2, 235.9, 235.9, 0.0);
(459329.2, 3756073.2, 236.9, 236.9, 0.0); (459329.2, 3756103.2, 237.6, 237.6, 0.0);
(459329.2, 3756133.2, 238.3, 238.3, 0.0); (459329.2, 3756163.2, 239.0, 239.0, 0.0);
(459329.2, 3756193.2, 238.5, 238.5, 0.0); (459329.2, 3756223.2, 236.9, 236.9, 0.0);
(459359.2, 3755893.2, 233.4, 233.4, 0.0); (459359.2, 3755923.2, 233.9, 233.9, 0.0);
(459359.2, 3755953.2, 234.4, 234.4, 0.0); (459359.2, 3755983.2, 235.7, 235.7, 0.0);
(459359.2, 3756013.2, 236.9, 236.9, 0.0); (459359.2, 3756043.2, 237.3, 237.3, 0.0);
(459359.2, 3756073.2, 237.8, 237.8, 0.0); (459359.2, 3756103.2, 238.7, 238.7, 0.0);
(459359.2, 3756133.2, 239.3, 239.3, 0.0); (459359.2, 3756163.2, 240.2, 240.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(459359.2, 3756193.2, 239.9, 239.9, 0.0); (459359.2, 3756223.2, 237.9, 237.9, 0.0);
(459389.2, 3755923.2, 234.1, 234.1, 0.0); (459389.2, 3755953.2, 234.8, 234.8, 0.0);

(459389.2, 3755983.2, 236.0, 236.0, 0.0); (459389.2, 3756013.2, 237.7, 237.7, 0.0);
(459389.2, 3756043.2, 238.6, 238.6, 0.0); (459389.2, 3756073.2, 238.9, 238.9, 0.0);
(459389.2, 3756103.2, 239.8, 239.8, 0.0); (459389.2, 3756133.2, 240.8, 240.8, 0.0);
(459389.2, 3756163.2, 241.7, 241.7, 0.0); (459389.2, 3756193.2, 241.1, 241.1, 0.0);
(459389.2, 3756223.2, 238.8, 238.8, 0.0); (458472.3, 3755792.9, 226.9, 226.9, 0.0);
(458472.3, 3755822.9, 226.6, 226.6, 0.0); (458472.3, 3755852.9, 226.5, 226.5, 0.0);
(458472.3, 3755882.9, 226.9, 226.9, 0.0); (458472.3, 3755912.9, 226.7, 226.7, 0.0);
(458472.3, 3755942.9, 226.5, 226.5, 0.0); (458472.3, 3755972.9, 226.7, 226.7, 0.0);
(458472.3, 3756002.9, 226.8, 226.8, 0.0); (458502.3, 3755792.9, 226.9, 226.9, 0.0);
(458502.3, 3755822.9, 226.9, 226.9, 0.0); (458502.3, 3755852.9, 226.6, 226.6, 0.0);
(458502.3, 3755882.9, 226.8, 226.8, 0.0); (458502.3, 3755912.9, 227.0, 227.0, 0.0);
(458502.3, 3755942.9, 226.7, 226.7, 0.0); (458502.3, 3755972.9, 226.6, 226.6, 0.0);
(458502.3, 3756002.9, 226.8, 226.8, 0.0); (458502.3, 3756032.9, 226.9, 226.9, 0.0);
(458532.3, 3755792.9, 226.8, 226.8, 0.0); (458532.3, 3755822.9, 227.1, 227.1, 0.0);
(458532.3, 3755852.9, 227.0, 227.0, 0.0); (458532.3, 3755882.9, 226.7, 226.7, 0.0);
(458532.3, 3755912.9, 226.9, 226.9, 0.0); (458532.3, 3755942.9, 227.0, 227.0, 0.0);
(458532.3, 3755972.9, 226.7, 226.7, 0.0); (458532.3, 3756002.9, 226.8, 226.8, 0.0);
(458532.3, 3756032.9, 227.1, 227.1, 0.0); (458562.3, 3755792.9, 227.1, 227.1, 0.0);
(458562.3, 3755822.9, 227.0, 227.0, 0.0); (458562.3, 3755852.9, 227.2, 227.2, 0.0);
(458562.3, 3755882.9, 226.9, 226.9, 0.0); (458562.3, 3755912.9, 226.8, 226.8, 0.0);
(458562.3, 3755942.9, 227.1, 227.1, 0.0); (458562.3, 3755972.9, 227.0, 227.0, 0.0);
(458562.3, 3756002.9, 226.9, 226.9, 0.0); (458562.3, 3756032.9, 227.1, 227.1, 0.0);
(458562.3, 3756062.9, 227.3, 227.3, 0.0); (458592.3, 3755792.9, 227.5, 227.5, 0.0);
(458592.3, 3755822.9, 227.1, 227.1, 0.0); (458592.3, 3755852.9, 227.2, 227.2, 0.0);
(458592.3, 3755882.9, 227.0, 227.0, 0.0); (458592.3, 3755912.9, 226.8, 226.8, 0.0);
(458592.3, 3755942.9, 227.0, 227.0, 0.0); (458592.3, 3755972.9, 227.2, 227.2, 0.0);
(458592.3, 3756002.9, 227.1, 227.1, 0.0); (458592.3, 3756032.9, 227.1, 227.1, 0.0);
(458592.3, 3756062.9, 227.3, 227.3, 0.0); (458622.3, 3755792.9, 227.6, 227.6, 0.0);
(458622.3, 3755822.9, 227.2, 227.2, 0.0); (458622.3, 3755852.9, 227.1, 227.1, 0.0);
(458622.3, 3755882.9, 227.2, 227.2, 0.0); (458622.3, 3755912.9, 227.2, 227.2, 0.0);
(458622.3, 3755942.9, 227.0, 227.0, 0.0); (458622.3, 3755972.9, 227.2, 227.2, 0.0);
(458622.3, 3756002.9, 227.3, 227.3, 0.0); (458622.3, 3756032.9, 227.1, 227.1, 0.0);
(458622.3, 3756062.9, 227.2, 227.2, 0.0); (458622.3, 3756092.9, 227.5, 227.5, 0.0);
(458652.3, 3755792.9, 227.4, 227.4, 0.0); (458652.3, 3755822.9, 227.4, 227.4, 0.0);
(458652.3, 3755852.9, 227.3, 227.3, 0.0); (458652.3, 3755882.9, 227.4, 227.4, 0.0);
(458652.3, 3755912.9, 227.5, 227.5, 0.0); (458652.3, 3755942.9, 227.3, 227.3, 0.0);
(458652.3, 3755972.9, 227.1, 227.1, 0.0); (458652.3, 3756002.9, 227.2, 227.2, 0.0);
(458652.3, 3756032.9, 227.3, 227.3, 0.0); (458652.3, 3756062.9, 227.3, 227.3, 0.0);
(458652.3, 3756092.9, 227.5, 227.5, 0.0); (458652.3, 3756122.9, 227.8, 227.8, 0.0);
(458682.3, 3755792.9, 227.6, 227.6, 0.0); (458682.3, 3755822.9, 227.8, 227.8, 0.0);
(458682.3, 3755852.9, 227.7, 227.7, 0.0); (458682.3, 3755882.9, 227.4, 227.4, 0.0);
(458682.3, 3755912.9, 227.7, 227.7, 0.0); (458682.3, 3755942.9, 227.5, 227.5, 0.0);
(458682.3, 3755972.9, 227.4, 227.4, 0.0); (458682.3, 3756002.9, 227.6, 227.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458682.3, 3756032.9, 227.7, 227.7, 0.0); (458682.3, 3756062.9, 227.6, 227.6, 0.0);
(458682.3, 3756092.9, 227.5, 227.5, 0.0); (458682.3, 3756122.9, 227.8, 227.8, 0.0);
(458712.3, 3755792.9, 228.0, 228.0, 0.0); (458712.3, 3755822.9, 227.9, 227.9, 0.0);
(458712.3, 3755852.9, 227.6, 227.6, 0.0); (458712.3, 3755882.9, 227.5, 227.5, 0.0);
(458712.3, 3755912.9, 227.8, 227.8, 0.0); (458712.3, 3755942.9, 227.7, 227.7, 0.0);
(458712.3, 3755972.9, 227.6, 227.6, 0.0); (458712.3, 3756002.9, 227.9, 227.9, 0.0);
(458712.3, 3756032.9, 228.0, 228.0, 0.0); (458712.3, 3756062.9, 227.8, 227.8, 0.0);
(458712.3, 3756092.9, 227.6, 227.6, 0.0); (458712.3, 3756122.9, 227.8, 227.8, 0.0);
(458712.3, 3756152.9, 228.4, 228.4, 0.0); (458742.3, 3755792.9, 228.1, 228.1, 0.0);
(458742.3, 3755822.9, 228.0, 228.0, 0.0); (458742.3, 3755852.9, 227.8, 227.8, 0.0);
(458742.3, 3755882.9, 227.6, 227.6, 0.0); (458742.3, 3755912.9, 227.9, 227.9, 0.0);
(458742.3, 3755942.9, 228.1, 228.1, 0.0); (458742.3, 3755972.9, 227.7, 227.7, 0.0);
(458742.3, 3756002.9, 227.8, 227.8, 0.0); (458742.3, 3756032.9, 228.1, 228.1, 0.0);
(458742.3, 3756062.9, 228.1, 228.1, 0.0); (458742.3, 3756092.9, 227.9, 227.9, 0.0);
(458742.3, 3756122.9, 227.8, 227.8, 0.0); (458742.3, 3756152.9, 228.2, 228.2, 0.0);
(458742.3, 3756182.9, 228.6, 228.6, 0.0); (458772.3, 3755792.9, 228.1, 228.1, 0.0);
(458772.3, 3755822.9, 228.2, 228.2, 0.0); (458772.3, 3755852.9, 228.1, 228.1, 0.0);
(458772.3, 3755882.9, 227.8, 227.8, 0.0); (458772.3, 3755912.9, 228.0, 228.0, 0.0);
(458772.3, 3755942.9, 228.2, 228.2, 0.0); (458772.3, 3755972.9, 228.1, 228.1, 0.0);
(458772.3, 3756002.9, 227.8, 227.8, 0.0); (458772.3, 3756032.9, 228.1, 228.1, 0.0);
(458772.3, 3756062.9, 228.3, 228.3, 0.0); (458772.3, 3756092.9, 228.2, 228.2, 0.0);
(458772.3, 3756122.9, 228.0, 228.0, 0.0); (458772.3, 3756152.9, 228.2, 228.2, 0.0);
(458772.3, 3756182.9, 228.7, 228.7, 0.0); (458802.3, 3755792.9, 228.0, 228.0, 0.0);
(458802.3, 3755822.9, 228.3, 228.3, 0.0); (458802.3, 3755852.9, 228.3, 228.3, 0.0);
(458802.3, 3755882.9, 228.0, 228.0, 0.0); (458802.3, 3755912.9, 228.0, 228.0, 0.0);
(458802.3, 3755942.9, 228.3, 228.3, 0.0); (458802.3, 3755972.9, 228.5, 228.5, 0.0);
(458802.3, 3756002.9, 228.1, 228.1, 0.0); (458802.3, 3756032.9, 228.0, 228.0, 0.0);
(458802.3, 3756062.9, 228.3, 228.3, 0.0); (458802.3, 3756092.9, 228.5, 228.5, 0.0);
(458802.3, 3756122.9, 228.4, 228.4, 0.0); (458802.3, 3756152.9, 228.5, 228.5, 0.0);
(458802.3, 3756182.9, 229.0, 229.0, 0.0); (458802.3, 3756212.9, 229.4, 229.4, 0.0);
(458832.3, 3755792.9, 228.2, 228.2, 0.0); (458832.3, 3755822.9, 228.2, 228.2, 0.0);

(458832.3, 3755852.9, 228.4, 228.4, 0.0); (458832.3, 3755882.9, 228.3, 228.3, 0.0);
(458832.3, 3755912.9, 228.1, 228.1, 0.0); (458832.3, 3755942.9, 228.3, 228.3, 0.0);
(458832.3, 3755972.9, 228.6, 228.6, 0.0); (458832.3, 3756002.9, 228.4, 228.4, 0.0);
(458832.3, 3756032.9, 228.1, 228.1, 0.0); (458832.3, 3756062.9, 228.3, 228.3, 0.0);
(458832.3, 3756092.9, 228.8, 228.8, 0.0); (458832.3, 3756122.9, 229.1, 229.1, 0.0);
(458832.3, 3756152.9, 229.2, 229.2, 0.0); (458832.3, 3756182.9, 229.2, 229.2, 0.0);
(458862.3, 3755792.9, 228.4, 228.4, 0.0); (458862.3, 3755822.9, 228.2, 228.2, 0.0);
(458862.3, 3755852.9, 228.3, 228.3, 0.0); (458862.3, 3755882.9, 228.5, 228.5, 0.0);
(458862.3, 3755912.9, 228.5, 228.5, 0.0); (458862.3, 3755942.9, 228.3, 228.3, 0.0);
(458862.3, 3755972.9, 228.6, 228.6, 0.0); (458862.3, 3756002.9, 228.8, 228.8, 0.0);
(458862.3, 3756032.9, 228.7, 228.7, 0.0); (458862.3, 3756062.9, 228.9, 228.9, 0.0);
(458862.3, 3756092.9, 229.4, 229.4, 0.0); (458862.3, 3756122.9, 229.5, 229.5, 0.0);
(458862.3, 3756152.9, 229.3, 229.3, 0.0); (458892.3, 3755792.9, 228.6, 228.6, 0.0);
(458892.3, 3755822.9, 228.5, 228.5, 0.0); (458892.3, 3755852.9, 228.3, 228.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458892.3, 3755882.9, 228.5, 228.5, 0.0); (458892.3, 3755912.9, 228.7, 228.7, 0.0);
(458892.3, 3755942.9, 228.7, 228.7, 0.0); (458892.3, 3755972.9, 228.8, 228.8, 0.0);
(458892.3, 3756002.9, 229.0, 229.0, 0.0); (458892.3, 3756032.9, 229.2, 229.2, 0.0);
(458892.3, 3756062.9, 229.7, 229.7, 0.0); (458892.3, 3756092.9, 229.6, 229.6, 0.0);
(458922.3, 3755792.9, 228.8, 228.8, 0.0); (458922.3, 3755822.9, 228.8, 228.8, 0.0);
(458922.3, 3755852.9, 228.5, 228.5, 0.0); (458922.3, 3755882.9, 228.5, 228.5, 0.0);
(458922.3, 3755912.9, 228.8, 228.8, 0.0); (458922.3, 3755942.9, 229.0, 229.0, 0.0);
(458922.3, 3755972.9, 228.9, 228.9, 0.0); (458922.3, 3756002.9, 229.1, 229.1, 0.0);
(458922.3, 3756032.9, 229.3, 229.3, 0.0); (458922.3, 3756062.9, 229.5, 229.5, 0.0);
(458952.3, 3755792.9, 229.0, 229.0, 0.0); (458952.3, 3755822.9, 229.1, 229.1, 0.0);
(458952.3, 3755852.9, 228.8, 228.8, 0.0); (458952.3, 3755882.9, 228.8, 228.8, 0.0);
(458952.3, 3755912.9, 229.0, 229.0, 0.0); (458952.3, 3755942.9, 229.2, 229.2, 0.0);
(458952.3, 3755972.9, 229.2, 229.2, 0.0); (458952.3, 3756002.9, 229.2, 229.2, 0.0);
(458982.3, 3755792.9, 229.1, 229.1, 0.0); (458982.3, 3755822.9, 229.2, 229.2, 0.0);
(458982.3, 3755852.9, 229.2, 229.2, 0.0); (458982.3, 3755882.9, 229.1, 229.1, 0.0);
(458982.3, 3755912.9, 229.2, 229.2, 0.0); (458982.3, 3755942.9, 229.4, 229.4, 0.0);
(458982.3, 3755972.9, 229.4, 229.4, 0.0); (459012.3, 3755792.9, 229.2, 229.2, 0.0);
(459012.3, 3755822.9, 229.2, 229.2, 0.0); (459012.3, 3755852.9, 229.5, 229.5, 0.0);
(459012.3, 3755882.9, 229.4, 229.4, 0.0); (459012.3, 3755912.9, 229.4, 229.4, 0.0);
(459042.3, 3755792.9, 229.5, 229.5, 0.0); (459042.3, 3755822.9, 229.4, 229.4, 0.0);
(459042.3, 3755852.9, 229.4, 229.4, 0.0); (459042.3, 3755882.9, 229.5, 229.5, 0.0);
(459072.3, 3755792.9, 229.7, 229.7, 0.0); (459072.3, 3755822.9, 229.6, 229.6, 0.0);
(459102.3, 3755792.9, 229.7, 229.7, 0.0); (458632.7, 3756291.2, 228.5, 228.5, 0.0);
(458632.7, 3756321.2, 228.6, 228.6, 0.0); (458632.7, 3756351.2, 228.7, 228.7, 0.0);
(458632.7, 3756381.2, 228.8, 228.8, 0.0); (458662.7, 3756291.2, 228.9, 228.9, 0.0);
(458662.7, 3756321.2, 229.0, 229.0, 0.0); (458662.7, 3756351.2, 229.2, 229.2, 0.0);
(458662.7, 3756381.2, 229.3, 229.3, 0.0); (458662.7, 3756411.2, 229.4, 229.4, 0.0);
(458662.7, 3756441.2, 229.5, 229.5, 0.0); (458662.7, 3756471.2, 229.6, 229.6, 0.0);
(458662.7, 3756501.2, 229.7, 229.7, 0.0); (458662.7, 3756531.2, 230.1, 230.1, 0.0);
(458692.7, 3756291.2, 229.1, 229.1, 0.0); (458692.7, 3756321.2, 229.3, 229.3, 0.0);
(458692.7, 3756351.2, 229.4, 229.4, 0.0); (458692.7, 3756381.2, 229.6, 229.6, 0.0);
(458692.7, 3756411.2, 229.7, 229.7, 0.0); (458692.7, 3756441.2, 230.0, 230.0, 0.0);
(458692.7, 3756471.2, 230.0, 230.0, 0.0); (458692.7, 3756501.2, 230.0, 230.0, 0.0);
(458692.7, 3756531.2, 230.4, 230.4, 0.0); (458722.7, 3756291.2, 229.4, 229.4, 0.0);
(458722.7, 3756321.2, 229.6, 229.6, 0.0); (458722.7, 3756351.2, 229.7, 229.7, 0.0);
(458722.7, 3756381.2, 229.9, 229.9, 0.0); (458722.7, 3756411.2, 230.1, 230.1, 0.0);
(458722.7, 3756441.2, 230.2, 230.2, 0.0); (458722.7, 3756471.2, 230.3, 230.3, 0.0);
(458722.7, 3756501.2, 230.2, 230.2, 0.0); (458722.7, 3756531.2, 230.6, 230.6, 0.0);
(458752.7, 3756291.2, 229.7, 229.7, 0.0); (458752.7, 3756321.2, 229.9, 229.9, 0.0);
(458752.7, 3756351.2, 230.0, 230.0, 0.0); (458752.7, 3756381.2, 230.1, 230.1, 0.0);
(458752.7, 3756411.2, 230.3, 230.3, 0.0); (458752.7, 3756441.2, 230.5, 230.5, 0.0);
(458752.7, 3756471.2, 230.6, 230.6, 0.0); (458752.7, 3756501.2, 230.5, 230.5, 0.0);
(458752.7, 3756531.2, 230.8, 230.8, 0.0); (458782.7, 3756291.2, 229.9, 229.9, 0.0);
(458782.7, 3756321.2, 230.1, 230.1, 0.0); (458782.7, 3756351.2, 230.2, 230.2, 0.0);
(458782.7, 3756381.2, 230.3, 230.3, 0.0); (458782.7, 3756411.2, 230.4, 230.4, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(458782.7, 3756441.2, 230.6, 230.6, 0.0); (458782.7, 3756471.2, 230.7, 230.7, 0.0);
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(458812.7, 3756291.2, 230.0, 230.0, 0.0); (458812.7, 3756321.2, 230.1, 230.1, 0.0);
(458812.7, 3756351.2, 230.2, 230.2, 0.0); (458812.7, 3756381.2, 230.4, 230.4, 0.0);
(458812.7, 3756411.2, 230.5, 230.5, 0.0); (458812.7, 3756441.2, 230.7, 230.7, 0.0);
(458812.7, 3756471.2, 230.8, 230.8, 0.0); (458812.7, 3756501.2, 231.0, 231.0, 0.0);

(458812.7, 3756531.2, 231.3, 231.3, 0.0); (458842.7, 3756291.2, 230.3, 230.3, 0.0);
(458842.7, 3756321.2, 230.4, 230.4, 0.0); (458842.7, 3756351.2, 230.4, 230.4, 0.0);
(458842.7, 3756381.2, 230.7, 230.7, 0.0); (458842.7, 3756411.2, 230.9, 230.9, 0.0);
(458842.7, 3756441.2, 230.9, 230.9, 0.0); (458842.7, 3756471.2, 231.3, 231.3, 0.0);
(458842.7, 3756501.2, 231.5, 231.5, 0.0); (458842.7, 3756531.2, 231.8, 231.8, 0.0);
(458872.7, 3756291.2, 230.7, 230.7, 0.0); (458872.7, 3756321.2, 230.7, 230.7, 0.0);
(458872.7, 3756351.2, 230.7, 230.7, 0.0); (458872.7, 3756381.2, 231.0, 231.0, 0.0);
(458872.7, 3756411.2, 231.3, 231.3, 0.0); (458872.7, 3756441.2, 231.3, 231.3, 0.0);
(458872.7, 3756471.2, 231.9, 231.9, 0.0); (458872.7, 3756501.2, 232.0, 232.0, 0.0);
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(458902.7, 3756321.2, 231.3, 231.3, 0.0); (458902.7, 3756351.2, 231.4, 231.4, 0.0);
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(458902.7, 3756501.2, 232.2, 232.2, 0.0); (458902.7, 3756531.2, 232.4, 232.4, 0.0);
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(458932.7, 3756351.2, 231.8, 231.8, 0.0); (458932.7, 3756381.2, 232.0, 232.0, 0.0);
(458932.7, 3756411.2, 232.1, 232.1, 0.0); (458932.7, 3756441.2, 232.2, 232.2, 0.0);
(458932.7, 3756471.2, 232.3, 232.3, 0.0); (458932.7, 3756501.2, 232.6, 232.6, 0.0);
(458932.7, 3756531.2, 232.9, 232.9, 0.0); (458962.7, 3756291.2, 231.7, 231.7, 0.0);
(458962.7, 3756321.2, 231.9, 231.9, 0.0); (458962.7, 3756351.2, 232.1, 232.1, 0.0);
(458962.7, 3756381.2, 232.5, 232.5, 0.0); (458962.7, 3756411.2, 232.8, 232.8, 0.0);
(458962.7, 3756441.2, 232.9, 232.9, 0.0); (458962.7, 3756471.2, 233.0, 233.0, 0.0);
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(458992.7, 3756411.2, 233.3, 233.3, 0.0); (458992.7, 3756441.2, 233.6, 233.6, 0.0);
(458992.7, 3756471.2, 233.6, 233.6, 0.0); (458992.7, 3756501.2, 233.8, 233.8, 0.0);
(458992.7, 3756531.2, 234.1, 234.1, 0.0); (459022.7, 3756291.2, 232.4, 232.4, 0.0);
(459022.7, 3756321.2, 232.4, 232.4, 0.0); (459022.7, 3756351.2, 232.6, 232.6, 0.0);
(459022.7, 3756381.2, 232.8, 232.8, 0.0); (459022.7, 3756411.2, 233.4, 233.4, 0.0);
(459022.7, 3756441.2, 233.9, 233.9, 0.0); (459022.7, 3756471.2, 234.0, 234.0, 0.0);
(459022.7, 3756501.2, 234.2, 234.2, 0.0); (459022.7, 3756531.2, 234.6, 234.6, 0.0);
(459052.7, 3756291.2, 233.1, 233.1, 0.0); (459052.7, 3756321.2, 233.2, 233.2, 0.0);
(459052.7, 3756351.2, 233.0, 233.0, 0.0); (459052.7, 3756381.2, 233.1, 233.1, 0.0);
(459052.7, 3756411.2, 233.5, 233.5, 0.0); (459052.7, 3756441.2, 233.9, 233.9, 0.0);
(459052.7, 3756471.2, 234.3, 234.3, 0.0); (459052.7, 3756501.2, 234.5, 234.5, 0.0);
(459052.7, 3756531.2, 234.9, 234.9, 0.0); (459082.7, 3756291.2, 234.1, 234.1, 0.0);
(459082.7, 3756321.2, 234.4, 234.4, 0.0); (459082.7, 3756351.2, 234.4, 234.4, 0.0);
(459082.7, 3756381.2, 233.9, 233.9, 0.0); (459082.7, 3756411.2, 233.8, 233.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(459082.7, 3756441.2, 234.1, 234.1, 0.0); (459082.7, 3756471.2, 234.5, 234.5, 0.0);
(459082.7, 3756501.2, 234.8, 234.8, 0.0); (459082.7, 3756531.2, 235.3, 235.3, 0.0);
(459112.7, 3756291.2, 235.2, 235.2, 0.0); (459112.7, 3756321.2, 235.7, 235.7, 0.0);
(459112.7, 3756351.2, 236.2, 236.2, 0.0); (459112.7, 3756381.2, 235.1, 235.1, 0.0);
(459112.7, 3756411.2, 234.4, 234.4, 0.0); (459112.7, 3756441.2, 234.5, 234.5, 0.0);
(459112.7, 3756471.2, 234.9, 234.9, 0.0); (459112.7, 3756501.2, 235.1, 235.1, 0.0);
(459112.7, 3756531.2, 235.7, 235.7, 0.0); (459142.7, 3756291.2, 235.6, 235.6, 0.0);
(459142.7, 3756321.2, 236.3, 236.3, 0.0); (459142.7, 3756351.2, 237.3, 237.3, 0.0);
(459142.7, 3756381.2, 236.5, 236.5, 0.0); (459142.7, 3756411.2, 235.5, 235.5, 0.0);
(459142.7, 3756441.2, 235.1, 235.1, 0.0); (459142.7, 3756471.2, 235.4, 235.4, 0.0);
(459142.7, 3756501.2, 235.6, 235.6, 0.0); (459142.7, 3756531.2, 236.2, 236.2, 0.0);
(459172.7, 3756291.2, 235.9, 235.9, 0.0); (459172.7, 3756321.2, 236.9, 236.9, 0.0);
(459172.7, 3756351.2, 237.8, 237.8, 0.0); (459172.7, 3756381.2, 237.8, 237.8, 0.0);
(459172.7, 3756411.2, 236.6, 236.6, 0.0); (459172.7, 3756441.2, 235.9, 235.9, 0.0);
(459172.7, 3756471.2, 235.9, 235.9, 0.0); (459172.7, 3756501.2, 236.1, 236.1, 0.0);
(459172.7, 3756531.2, 236.8, 236.8, 0.0); (459202.7, 3756291.2, 235.8, 235.8, 0.0);
(459202.7, 3756321.2, 237.2, 237.2, 0.0); (459202.7, 3756351.2, 237.9, 237.9, 0.0);
(459202.7, 3756381.2, 238.2, 238.2, 0.0); (459202.7, 3756411.2, 237.3, 237.3, 0.0);
(459202.7, 3756441.2, 236.5, 236.5, 0.0); (459202.7, 3756471.2, 236.3, 236.3, 0.0);
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(459232.7, 3756351.2, 237.8, 237.8, 0.0); (459232.7, 3756381.2, 238.5, 238.5, 0.0);
(459232.7, 3756411.2, 238.3, 238.3, 0.0); (459232.7, 3756441.2, 237.4, 237.4, 0.0);
(459232.7, 3756471.2, 236.8, 236.8, 0.0); (459232.7, 3756501.2, 236.8, 236.8, 0.0);
(459232.7, 3756531.2, 237.2, 237.2, 0.0); (459262.7, 3756291.2, 236.0, 236.0, 0.0);
(459262.7, 3756321.2, 236.5, 236.5, 0.0); (459262.7, 3756351.2, 237.7, 237.7, 0.0);
(459262.7, 3756381.2, 239.2, 239.2, 0.0); (459262.7, 3756411.2, 239.5, 239.5, 0.0);
(459262.7, 3756441.2, 238.4, 238.4, 0.0); (459262.7, 3756471.2, 237.4, 237.4, 0.0);
(459262.7, 3756501.2, 237.2, 237.2, 0.0); (459262.7, 3756531.2, 237.6, 237.6, 0.0);
(459292.7, 3756291.2, 236.0, 236.0, 0.0); (459292.7, 3756321.2, 236.3, 236.3, 0.0);
(459292.7, 3756351.2, 237.3, 237.3, 0.0); (459292.7, 3756381.2, 238.7, 238.7, 0.0);
(459292.7, 3756411.2, 239.5, 239.5, 0.0); (459292.7, 3756441.2, 239.1, 239.1, 0.0);
(459292.7, 3756471.2, 238.2, 238.2, 0.0); (459292.7, 3756501.2, 237.8, 237.8, 0.0);
(459292.7, 3756531.2, 238.1, 238.1, 0.0); (459322.7, 3756291.2, 235.9, 235.9, 0.0);
(459322.7, 3756321.2, 236.3, 236.3, 0.0); (459322.7, 3756351.2, 237.1, 237.1, 0.0);

```
    ( 459322.7, 3756381.2,     238.1,     238.1,       0.0);         ( 459322.7, 3756411.2,     239.1,     239.1,       0.0);
    ( 459322.7, 3756441.2,     239.6,     239.6,       0.0);         ( 459322.7, 3756471.2,     238.9,     238.9,       0.0);
    ( 459322.7, 3756501.2,     238.4,     238.4,       0.0);         ( 459322.7, 3756531.2,     238.9,     242.1,       0.0);
    ( 459352.7, 3756291.2,     236.4,     236.4,       0.0);         ( 459352.7, 3756321.2,     236.7,     236.7,       0.0);
    ( 459352.7, 3756351.2,     237.6,     237.6,       0.0);         ( 459352.7, 3756381.2,     238.8,     238.8,       0.0);
    ( 459352.7, 3756411.2,     239.7,     239.7,       0.0);         ( 459352.7, 3756441.2,     240.0,     240.0,       0.0);
    ( 459352.7, 3756471.2,     239.5,     239.5,       0.0);         ( 459352.7, 3756501.2,     239.2,     239.2,       0.0);
    ( 459352.7, 3756531.2,     239.7,     239.7,       0.0);         ( 459382.7, 3756291.2,     237.2,     237.2,       0.0);
    ( 459382.7, 3756321.2,     237.2,     237.2,       0.0);         ( 459382.7, 3756351.2,     237.9,     237.9,       0.0);
    ( 459382.7, 3756381.2,     238.9,     238.9,       0.0);         ( 459382.7, 3756411.2,     239.9,     239.9,       0.0);
*** AERMOD - VERSION 24142  ***   *** Arlington Operations                                                    ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                       ***       16:19:29
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 459382.7, 3756441.2,     240.2,     240.2,       0.0);         ( 459382.7, 3756471.2,     240.0,     240.0,       0.0);
    ( 459382.7, 3756501.2,     240.0,     240.0,       0.0);         ( 459382.7, 3756531.2,     240.6,     240.6,       0.0);
    ( 458633.7, 3756194.1,     228.5,     228.5,       0.0);         ( 458633.7, 3756224.1,     228.4,     228.4,       0.0);
    ( 458663.7, 3756164.1,     228.5,     228.5,       0.0);         ( 458663.7, 3756194.1,     228.7,     228.7,       0.0);
    ( 458663.7, 3756224.1,     228.6,     228.6,       0.0);         ( 458693.7, 3756164.1,     228.6,     228.6,       0.0);
    ( 458693.7, 3756194.1,     228.9,     228.9,       0.0);         ( 458693.7, 3756224.1,     228.7,     228.7,       0.0);
    ( 458723.7, 3756194.1,     228.9,     228.9,       0.0);         ( 458723.7, 3756224.1,     228.9,     228.9,       0.0);
    ( 458753.7, 3756224.1,     229.1,     229.1,       0.0);         ( 458783.7, 3756224.1,     229.4,     229.4,       0.0);
*** AERMOD - VERSION 24142  ***   *** Arlington Operations                                                    ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                       ***       16:19:29
                                                                                                                      PAGE  13

 *** 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,
*** AERMOD - VERSION 24142  ***   *** Arlington Operations                                                    ***       03/31/26
 *** AERMET - VERSION  22112 ***   ***                                                                       ***       16:19:29
                                                                                                                      PAGE  14

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   kral_sfc_pfl\KRAL_V11_trimmed.sfc                                          Met Version:  22112
   Profile file:   kral_sfc_pfl\KRAL_V11_trimmed.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:     3171                 Upper air station no.:     3190
                 Name: UNKNOWN                                 Name: UNKNOWN
                 Year:   2019                                  Year:   2019

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 19 01 01   1 01  -53.7  0.548 -9.000 -9.000 -999.  974.    330.7  0.12   0.58   1.00    6.14   44.   10.1  281.4    2.0
 19 01 01   1 02  -48.4  0.493 -9.000 -9.000 -999.  836.    267.9  0.12   0.58   1.00    5.55   44.   10.1  281.4    2.0
 19 01 01   1 03  -32.2  0.327 -9.000 -9.000 -999.  472.    117.6  0.12   0.58   1.00    3.74   38.   10.1  280.3    2.0
 19 01 01   1 04  -14.7  0.169 -9.000 -9.000 -999.  190.     31.3  0.09   0.58   1.00    2.16   71.   10.1  279.8    2.0
 19 01 01   1 05  -36.7  0.372 -9.000 -9.000 -999.  544.    151.9  0.12   0.58   1.00    4.23   38.   10.1  279.8    2.0
 19 01 01   1 06  -51.0  0.517 -9.000 -9.000 -999.  891.    293.6  0.12   0.58   1.00    5.80   35.   10.1  280.3    2.0
 19 01 01   1 07  -59.7  0.605 -9.000 -9.000 -999. 1126.    402.0  0.11   0.58   1.00    6.91   29.   10.1  280.3    2.0
 19 01 01   1 08  -36.5  0.495 -9.000 -9.000 -999.  848.    293.2  0.11   0.58   0.53    5.67   12.   10.1  280.9    2.0
 19 01 01   1 09   19.5  0.330  0.399  0.005  115.  478.   -162.7  0.11   0.58   0.31    3.56   20.   10.1  282.5    2.0
 19 01 01   1 10   54.7  0.536  0.694  0.005  216.  942.   -249.1  0.11   0.58   0.24    5.87   27.   10.1  283.8    2.0
 19 01 01   1 11   79.0  0.654  0.988  0.005  431. 1268.   -313.1  0.11   0.58   0.21    7.20   17.   10.1  284.2    2.0
 19 01 01   1 12   90.7  0.632  1.268  0.005  794. 1209.   -246.0  0.11   0.58   0.20    6.92   13.   10.1  284.8    2.0
 19 01 01   1 13   89.3  0.608  1.309  0.005  886. 1141.   -222.3  0.11   0.58   0.20    6.64   16.   10.1  285.3    2.0
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19 01 01   1 14   74.8  0.549  1.265  0.005  955.  982.   -195.3  0.11   0.58   0.22    5.97   13.   10.1  285.3    2.0
19 01 01   1 15   47.9  0.620  1.106  0.005  997. 1170.   -439.1  0.11   0.58   0.25    6.87   16.   10.1  285.3    2.0
19 01 01   1 16   10.9  0.545  0.678  0.005 1006.  973.  -1306.5  0.11   0.58   0.34    6.11   22.   10.1  284.8    2.0
19 01 01   1 17  -36.8  0.408 -9.000 -9.000 -999.  642.    183.0  0.11   0.58   0.62    4.73   14.   10.1  283.8    2.0
19 01 01   1 18  -38.4  0.392 -9.000 -9.000 -999.  590.    169.0  0.11   0.58   1.00    4.56   20.   10.1  282.5    2.0
19 01 01   1 19  -28.7  0.292 -9.000 -9.000 -999.  385.     93.9  0.11   0.58   1.00    3.44   18.   10.1  282.5    2.0
19 01 01   1 20  -24.6  0.250 -9.000 -9.000 -999.  301.     68.7  0.12   0.58   1.00    2.89   44.   10.1  282.0    2.0
19 01 01   1 21  -11.6  0.148 -9.000 -9.000 -999.  142.     25.0  0.09   0.58   1.00    1.92   81.   10.1  280.3    2.0
19 01 01   1 22   -7.9  0.120 -9.000 -9.000 -999.  100.     19.5  0.07   0.58   1.00    1.67  208.   10.1  279.2    2.0
19 01 01   1 23  -16.1  0.176 -9.000 -9.000 -999.  178.     34.2  0.09   0.58   1.00    2.25   82.   10.1  279.2    2.0
19 01 01   1 24  -23.1  0.233 -9.000 -9.000 -999.  270.     59.9  0.09   0.58   1.00    2.93   63.   10.1  280.3    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 19 01 01 01   10.1 1   44.    6.14   281.5   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   AREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458909.21	3756133.18	27.37486	458909.21	3756163.18	84.54802
458939.21	3756103.18	10.83639	458939.21	3756133.18	20.92529
458939.21	3756163.18	77.95157	458969.21	3756043.18	4.30327
458969.21	3756073.18	6.16995	458969.21	3756103.18	9.93383
458969.21	3756133.18	22.30875	458969.21	3756163.18	81.43515
458969.21	3756193.18	223.97650	458969.21	3756223.18	142.18935
458999.21	3756013.18	3.04270	458999.21	3756043.18	4.06208
458999.21	3756073.18	5.87317	458999.21	3756103.18	10.35278
458999.21	3756133.18	25.15028	458999.21	3756163.18	66.28803
458999.21	3756193.18	120.07748	458999.21	3756223.18	90.78821
459029.21	3755953.18	1.84783	459029.21	3755983.18	2.28221
459029.21	3756013.18	2.90141	459029.21	3756043.18	3.91151
459029.21	3756073.18	5.99228	459029.21	3756103.18	11.36443
459029.21	3756133.18	25.25013	459029.21	3756163.18	51.31250
459029.21	3756193.18	75.97850	459029.21	3756223.18	62.35372
459059.21	3755923.18	1.48600	459059.21	3755953.18	1.78288
459059.21	3755983.18	2.18845	459059.21	3756013.18	2.81038
459059.21	3756043.18	3.95515	459059.21	3756073.18	6.44664
459059.21	3756103.18	12.16298	459059.21	3756133.18	23.53997
459059.21	3756163.18	40.07396	459059.21	3756193.18	52.93524
459059.21	3756223.18	45.48391	459089.21	3755863.18	1.05539
459089.21	3755893.18	1.22376	459089.21	3755923.18	1.43621
459089.21	3755953.18	1.71752	459089.21	3755983.18	2.12828
459089.21	3756013.18	2.82036	459089.21	3756043.18	4.16239
459089.21	3756073.18	6.94076	459089.21	3756103.18	12.40187
459089.21	3756133.18	21.22001	459089.21	3756163.18	31.96365
459089.21	3756193.18	39.28756	459089.21	3756223.18	34.78247
459119.21	3755833.18	0.89970	459119.21	3755863.18	1.02736
459119.21	3755893.18	1.18517	459119.21	3755923.18	1.38911
459119.21	3755953.18	1.67511	459119.21	3755983.18	2.12557
459119.21	3756013.18	2.92201	459119.21	3756043.18	4.43279
459119.21	3756073.18	7.28359	459119.21	3756103.18	12.09690
459119.21	3756133.18	18.78037	459119.21	3756163.18	26.02342
459119.21	3756193.18	30.48981	459119.21	3756223.18	27.55423
459149.21	3755773.18	0.69334	459149.21	3755803.18	0.77704
459149.21	3755833.18	0.87642	459149.21	3755863.18	0.99721
459149.21	3755893.18	1.15029	459149.21	3755923.18	1.35760
459149.21	3755953.18	1.66717	459149.21	3755983.18	2.17855
459149.21	3756013.18	3.08017	459149.21	3756043.18	4.69000
459149.21	3756073.18	7.41401	459149.21	3756103.18	11.47148

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   AREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459149.21	3756133.18	16.52713	459149.21	3756163.18	21.59173
459149.21	3756193.18	24.48365	459149.21	3756223.18	22.45040
459179.21	3755773.18	0.67864	459179.21	3755803.18	0.75776
459179.21	3755833.18	0.85265	459179.21	3755863.18	0.97075
459179.21	3755893.18	1.12646	459179.21	3755923.18	1.34893
459179.21	3755953.18	1.69452	459179.21	3755983.18	2.26905
459179.21	3756013.18	3.24501	459179.21	3756043.18	4.86249
459179.21	3756073.18	7.34095	459179.21	3756103.18	10.69914
459179.21	3756133.18	14.56057	459179.21	3756163.18	18.19165
459179.21	3756193.18	20.17110	459179.21	3756223.18	18.69526
459209.21	3755803.18	0.73885	459209.21	3755833.18	0.83220
459209.21	3755863.18	0.95203	459209.21	3755893.18	1.11655
459209.21	3755923.18	1.36058	459209.21	3755953.18	1.74583
459209.21	3755983.18	2.37087	459209.21	3756013.18	3.38137
459209.21	3756043.18	4.94240	459209.21	3756073.18	7.13615
459209.21	3756103.18	9.88129	459209.21	3756133.18	12.86508
459209.21	3756163.18	15.52047	459209.21	3756193.18	16.89183
459209.21	3756223.18	15.82972	459239.21	3755803.18	0.72241
459239.21	3755833.18	0.81684	459239.21	3755863.18	0.94327
459239.21	3755893.18	1.12199	459239.21	3755923.18	1.39064
459239.21	3755953.18	1.81033	459239.21	3755983.18	2.46961
459239.21	3756013.18	3.47803	459239.21	3756043.18	4.93614
459239.21	3756073.18	6.84424	459239.21	3756103.18	9.08394
459239.21	3756133.18	11.41223	459239.21	3756163.18	13.41203
459239.21	3756193.18	14.39593	459239.21	3756223.18	13.60669
459269.21	3755833.18	0.80867	459269.21	3755863.18	0.94440
459269.21	3755893.18	1.14136	459269.21	3755923.18	1.43640
459269.21	3755953.18	1.88417	459269.21	3755983.18	2.55954
459269.21	3756013.18	3.53617	459269.21	3756043.18	4.85967
459269.21	3756073.18	6.50208	459269.21	3756103.18	8.34094
459269.21	3756133.18	10.30576	459269.21	3756163.18	11.93945
459269.21	3756193.18	12.69463	459269.21	3756223.18	11.93692
459299.21	3755863.18	0.95560	459299.21	3755893.18	1.17064
459299.21	3755923.18	1.48795	459299.21	3755953.18	1.95390
459299.21	3755983.18	2.62509	459299.21	3756013.18	3.55333
459299.21	3756043.18	4.74000	459299.21	3756073.18	6.15368
459299.21	3756103.18	7.75394	459299.21	3756133.18	9.33660
459299.21	3756163.18	10.63127	459299.21	3756193.18	11.17932
459299.21	3756223.18	10.54454	459329.21	3755863.18	0.97531
459329.21	3755893.18	1.20644	459329.21	3755923.18	1.53926

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459329.21	3755953.18	2.01352	459329.21	3755983.18	2.66685
459329.21	3756013.18	3.48542	459329.21	3756043.18	4.56219
459329.21	3756073.18	5.81742	459329.21	3756103.18	7.17571
459329.21	3756133.18	8.47231	459329.21	3756163.18	9.49537
459329.21	3756193.18	9.92135	459329.21	3756223.18	9.39459
459359.21	3755893.18	1.24421	459359.21	3755923.18	1.58729
459359.21	3755953.18	2.05983	459359.21	3755983.18	2.63589
459359.21	3756013.18	3.40033	459359.21	3756043.18	4.38122
459359.21	3756073.18	5.49339	459359.21	3756103.18	6.64440
459359.21	3756133.18	7.71241	459359.21	3756163.18	8.52378
459359.21	3756193.18	8.85373	459359.21	3756223.18	8.42915
459389.21	3755923.18	1.63124	459389.21	3755953.18	2.09465
459389.21	3755983.18	2.63498	459389.21	3756013.18	3.32934
459389.21	3756043.18	4.19874	459389.21	3756073.18	5.18067
459389.21	3756103.18	6.15964	459389.21	3756133.18	7.03561
459389.21	3756163.18	7.67691	459389.21	3756193.18	7.94286
459389.21	3756223.18	7.60768	458472.27	3755792.92	2.12081
458472.27	3755822.92	2.35234	458472.27	3755852.92	2.59627
458472.27	3755882.92	2.85003	458472.27	3755912.92	3.10322
458472.27	3755942.92	3.34069	458472.27	3755972.92	3.54648
458472.27	3756002.92	3.69013	458502.27	3755792.92	2.14443
458502.27	3755822.92	2.40897	458502.27	3755852.92	2.69031
458502.27	3755882.92	2.98971	458502.27	3755912.92	3.29955
458502.27	3755942.92	3.60051	458502.27	3755972.92	3.87449
458502.27	3756002.92	4.09557	458502.27	3756032.92	4.21775
458532.27	3755792.92	2.14336	458532.27	3755822.92	2.44049

458532.27	3755852.92	2.76509	458532.27	3755882.92	3.11381
458532.27	3755912.92	3.48640	458532.27	3755942.92	3.86606
458532.27	3755972.92	4.22779	458532.27	3756002.92	4.54322
458532.27	3756032.92	4.75940	458562.27	3755792.92	2.11539
458562.27	3755822.92	2.43922	458562.27	3755852.92	2.80781
458562.27	3755882.92	3.21307	458562.27	3755912.92	3.65418
458562.27	3755942.92	4.12555	458562.27	3755972.92	4.59887
458562.27	3756002.92	5.03349	458562.27	3756032.92	5.37932
458562.27	3756062.92	5.55538	458592.27	3755792.92	2.05650
458592.27	3755822.92	2.40245	458592.27	3755852.92	2.80665
458592.27	3755882.92	3.26933	458592.27	3755912.92	3.78832
458592.27	3755942.92	4.36174	458592.27	3755972.92	4.96819
458592.27	3756002.92	5.56389	458592.27	3756032.92	6.08148
458592.27	3756062.92	6.42258	458622.27	3755792.92	1.96813

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458622.27	3755822.92	2.32547	458622.27	3755852.92	2.75681
458622.27	3755882.92	3.27122	458622.27	3755912.92	3.87154
458622.27	3755942.92	4.55297	458622.27	3755972.92	5.31210
458622.27	3756002.92	6.10918	458622.27	3756032.92	6.86221
458622.27	3756062.92	7.45045	458622.27	3756092.92	7.71714
458652.27	3755792.92	1.85607	458652.27	3755822.92	2.21259
458652.27	3755852.92	2.65638	458652.27	3755882.92	3.20634
458652.27	3755912.92	3.87602	458652.27	3755942.92	4.67113
458652.27	3755972.92	5.59500	458652.27	3756002.92	6.63137
458652.27	3756032.92	7.70363	458652.27	3756062.92	8.65650
458652.27	3756092.92	9.25611	458652.27	3756122.92	9.29304
458682.27	3755792.92	1.73293	458682.27	3755822.92	2.07459
458682.27	3755852.92	2.51096	458682.27	3755882.92	3.07021
458682.27	3755912.92	3.78492	458682.27	3755942.92	4.67734
458682.27	3755972.92	5.77439	458682.27	3756002.92	7.08673
458682.27	3756032.92	8.56149	458682.27	3756062.92	10.03676
458682.27	3756092.92	11.18571	458682.27	3756122.92	11.60790
458712.27	3755792.92	1.60812	458712.27	3755822.92	1.92227
458712.27	3755852.92	2.33232	458712.27	3755882.92	2.87318
458712.27	3755912.92	3.59586	458712.27	3755942.92	4.54537
458712.27	3755972.92	5.78396	458712.27	3756002.92	7.37706
458712.27	3756032.92	9.32186	458712.27	3756062.92	11.50441
458712.27	3756092.92	13.55176	458712.27	3756122.92	14.77642
458712.27	3756152.92	14.64073	458742.27	3755792.92	1.48893
458742.27	3755822.92	1.77160	458742.27	3755852.92	2.14399
458742.27	3755882.92	2.64245	458742.27	3755912.92	3.32890
458742.27	3755942.92	4.27534	458742.27	3755972.92	5.57871
458742.27	3756002.92	7.38131	458742.27	3756032.92	9.81185
458742.27	3756062.92	12.89083	458742.27	3756092.92	16.34258
458742.27	3756122.92	19.15037	458742.27	3756152.92	19.87095
458742.27	3756182.92	18.67960	458772.27	3755792.92	1.37957
458772.27	3755822.92	1.63146	458772.27	3755852.92	1.96161
458772.27	3755882.92	2.40571	458772.27	3755912.92	3.02243
458772.27	3755942.92	3.90086	458772.27	3755972.92	5.17227
458772.27	3756002.92	7.04143	458772.27	3756032.92	9.82170
458772.27	3756062.92	13.83816	458772.27	3756092.92	19.21416
458772.27	3756122.92	25.02194	458772.27	3756152.92	28.31440
458772.27	3756182.92	27.21811	458802.27	3755792.92	1.27768
458802.27	3755822.92	1.50117	458802.27	3755852.92	1.79262
458802.27	3755882.92	2.18060	458802.27	3755912.92	2.71598

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458802.27	3755942.92	3.48587	458802.27	3755972.92	4.62956

458802.27	3756002.92	6.38649	458802.27	3756032.92	9.20341
458802.27	3756062.92	13.84283	458802.27	3756092.92	21.31856
458802.27	3756122.92	32.14992	458802.27	3756152.92	42.63828
458802.27	3756182.92	43.89435	458802.27	3756212.92	37.81849
458832.27	3755792.92	1.17847	458832.27	3755822.92	1.37628
458832.27	3755852.92	1.63198	458832.27	3755882.92	1.96878
458832.27	3755912.92	2.42758	458832.27	3755942.92	3.07922
458832.27	3755972.92	4.04510	458832.27	3756002.92	5.55184
458832.27	3756032.92	8.05685	458832.27	3756062.92	12.57761
458832.27	3756092.92	21.26496	458832.27	3756122.92	38.27826
458832.27	3756152.92	66.32338	458832.27	3756182.92	82.99617
458862.27	3755792.92	1.07830	458862.27	3755822.92	1.25152
458862.27	3755852.92	1.47241	458862.27	3755882.92	1.76286
458862.27	3755912.92	2.15154	458862.27	3755942.92	2.69177
458862.27	3755972.92	3.48065	458862.27	3756002.92	4.69359
458862.27	3756032.92	6.69635	458862.27	3756062.92	10.37795
458862.27	3756092.92	18.13866	458862.27	3756122.92	37.39516
458862.27	3756152.92	92.96200	458892.27	3755792.92	0.98083
458892.27	3755822.92	1.13144	458892.27	3755852.92	1.31991
458892.27	3755882.92	1.56523	458892.27	3755912.92	1.89002
458892.27	3755942.92	2.33255	458892.27	3755972.92	2.96167
458892.27	3756002.92	3.90269	458892.27	3756032.92	5.40544
458892.27	3756062.92	8.04178	458892.27	3756092.92	13.33099
458922.27	3755792.92	0.89532	458922.27	3755822.92	1.02612
458922.27	3755852.92	1.18980	458922.27	3755882.92	1.39926
458922.27	3755912.92	1.67370	458922.27	3755942.92	2.04278
458922.27	3755972.92	2.55572	458922.27	3756002.92	3.30495
458922.27	3756032.92	4.46055	458922.27	3756062.92	6.39307
458952.27	3755792.92	0.83208	458952.27	3755822.92	0.95160
458952.27	3755852.92	1.09965	458952.27	3755882.92	1.28870
458952.27	3755912.92	1.53598	458952.27	3755942.92	1.86646
458952.27	3755972.92	2.32454	458952.27	3756002.92	2.98627
458982.27	3755792.92	0.79502	458982.27	3755822.92	0.90920
458982.27	3755852.92	1.05262	458982.27	3755882.92	1.23450
458982.27	3755912.92	1.47220	458982.27	3755942.92	1.78906
458982.27	3755972.92	2.22503	459012.27	3755792.92	0.77960
459012.27	3755822.92	0.89335	459012.27	3755852.92	1.03521
459012.27	3755882.92	1.21454	459012.27	3755912.92	1.44605
459042.27	3755792.92	0.77610	459042.27	3755822.92	0.88859

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459042.27	3755852.92	1.02752	459042.27	3755882.92	1.20127
459072.27	3755792.92	0.77396	459072.27	3755822.92	0.88321
459102.27	3755792.92	0.76776	458632.68	3756291.16	5.44443
458632.68	3756321.16	4.79379	458632.68	3756351.16	4.23235
458632.68	3756381.16	3.72092	458662.68	3756291.16	6.36843
458662.68	3756321.16	5.51910	458662.68	3756351.16	4.78260
458662.68	3756381.16	4.10952	458662.68	3756411.16	3.50145
458662.68	3756441.16	2.97747	458662.68	3756471.16	2.54007
458662.68	3756501.16	2.17844	458662.68	3756531.16	1.87975
458692.68	3756291.16	7.54649	458692.68	3756321.16	6.40088
458692.68	3756351.16	5.39873	458692.68	3756381.16	4.50677
458692.68	3756411.16	3.74738	458692.68	3756441.16	3.12723
458692.68	3756471.16	2.62724	458692.68	3756501.16	2.22427
458692.68	3756531.16	1.90019	458722.68	3756291.16	9.07918
458722.68	3756321.16	7.45852	458722.68	3756351.16	6.05882
458722.68	3756381.16	4.89011	458722.68	3756411.16	3.96238
458722.68	3756441.16	3.24024	458722.68	3756471.16	2.68026
458722.68	3756501.16	2.24480	458722.68	3756531.16	1.90613
458752.68	3756291.16	11.07510	458752.68	3756321.16	8.65976
458752.68	3756351.16	6.70441	458752.68	3756381.16	5.21535
458752.68	3756411.16	4.11340	458752.68	3756441.16	3.30004
458752.68	3756471.16	2.69879	458752.68	3756501.16	2.25011
458752.68	3756531.16	1.90992	458782.68	3756291.16	13.57993
458782.68	3756321.16	9.88247	458782.68	3756351.16	7.23614
458782.68	3756381.16	5.42135	458782.68	3756411.16	4.17889
458782.68	3756441.16	3.31736	458782.68	3756471.16	2.70624
458782.68	3756501.16	2.25898	458782.68	3756531.16	1.92121
458812.68	3756291.16	16.34534	458812.68	3756321.16	10.84813
458812.68	3756351.16	7.52315	458812.68	3756381.16	5.49009
458812.68	3756411.16	4.19665	458812.68	3756441.16	3.33150

458812.68	3756471.16	2.72229	458812.68	3756501.16	2.27440
458812.68	3756531.16	1.93348	458842.68	3756291.16	18.44765
458842.68	3756321.16	11.25594	458842.68	3756351.16	7.59193
458842.68	3756381.16	5.51400	458842.68	3756411.16	4.21766
458842.68	3756441.16	3.34790	458842.68	3756471.16	2.72991
458842.68	3756501.16	2.27443	458842.68	3756531.16	1.92804
458872.68	3756291.16	18.98570	458872.68	3756321.16	11.29761
458872.68	3756351.16	7.59479	458872.68	3756381.16	5.50084
458872.68	3756411.16	4.19170	458872.68	3756441.16	3.31477
458872.68	3756471.16	2.69369	458872.68	3756501.16	2.23920

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458872.68	3756531.16	1.89499	458902.68	3756291.16	18.26937
458902.68	3756321.16	10.88025	458902.68	3756351.16	7.31641
458902.68	3756381.16	5.30377	458902.68	3756411.16	4.04670
458902.68	3756441.16	3.20362	458902.68	3756471.16	2.60768
458902.68	3756501.16	2.17100	458902.68	3756531.16	1.83932
458932.68	3756291.16	15.73148	458932.68	3756321.16	9.62686
458932.68	3756351.16	6.62866	458932.68	3756381.16	4.89268
458932.68	3756411.16	3.78348	458932.68	3756441.16	3.02575
458932.68	3756471.16	2.48296	458932.68	3756501.16	2.07888
458932.68	3756531.16	1.76900	458962.68	3756291.16	14.51928
458962.68	3756321.16	8.75184	458962.68	3756351.16	5.97697
458962.68	3756381.16	4.42820	458962.68	3756411.16	3.45855
458962.68	3756441.16	2.79882	458962.68	3756471.16	2.32142
458962.68	3756501.16	1.96188	458962.68	3756531.16	1.68221
458992.68	3756291.16	13.31533	458992.68	3756321.16	8.37303
458992.68	3756351.16	5.72145	458992.68	3756381.16	4.17378
458992.68	3756411.16	3.21780	458992.68	3756441.16	2.59147
458992.68	3756471.16	2.15479	458992.68	3756501.16	1.83096
458992.68	3756531.16	1.58034	459022.68	3756291.16	11.90352
459022.68	3756321.16	7.75422	459022.68	3756351.16	5.50924
459022.68	3756381.16	4.07883	459022.68	3756411.16	3.12589
459022.68	3756441.16	2.48347	459022.68	3756471.16	2.04178
459022.68	3756501.16	1.72421	459022.68	3756531.16	1.48597
459052.68	3756291.16	10.82147	459052.68	3756321.16	7.03638
459052.68	3756351.16	5.13847	459052.68	3756381.16	3.92545
459052.68	3756411.16	3.06850	459052.68	3756441.16	2.44809
459052.68	3756471.16	1.99736	459052.68	3756501.16	1.66857
459052.68	3756531.16	1.42422	459082.68	3756291.16	9.98720
459082.68	3756321.16	6.41297	459082.68	3756351.16	4.70730
459082.68	3756381.16	3.67821	459082.68	3756411.16	2.95139
459082.68	3756441.16	2.40115	459082.68	3756471.16	1.97687
459082.68	3756501.16	1.65080	459082.68	3756531.16	1.39946
459112.68	3756291.16	9.28263	459112.68	3756321.16	5.79544
459112.68	3756351.16	4.24744	459112.68	3756381.16	3.40897
459112.68	3756411.16	2.78367	459112.68	3756441.16	2.30868
459112.68	3756471.16	1.93352	459112.68	3756501.16	1.63355
459112.68	3756531.16	1.38518	459142.68	3756291.16	8.43876
459142.68	3756321.16	5.36594	459142.68	3756351.16	3.89528
459142.68	3756381.16	3.11715	459142.68	3756411.16	2.58739
459142.68	3756441.16	2.18679	459142.68	3756471.16	1.85162

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
459142.68	3756501.16	1.58824	459142.68	3756531.16	1.36504
459172.68	3756291.16	7.86538	459172.68	3756321.16	4.99638
459172.68	3756351.16	3.62307	459172.68	3756381.16	2.88240
459172.68	3756411.16	2.40696	459172.68	3756441.16	2.04647
459172.68	3756471.16	1.75693	459172.68	3756501.16	1.52397

459172.68	3756531.16	1.32611	459202.68	3756291.16	7.40215
459202.68	3756321.16	4.70590	459202.68	3756351.16	3.41121
459202.68	3756381.16	2.70841	459202.68	3756411.16	2.26137
459202.68	3756441.16	1.92831	459202.68	3756471.16	1.66461
459202.68	3756501.16	1.45215	459202.68	3756531.16	1.27694
459232.68	3756291.16	6.95544	459232.68	3756321.16	4.53245
459232.68	3756351.16	3.24619	459232.68	3756381.16	2.55219
459232.68	3756411.16	2.12389	459232.68	3756441.16	1.81920
459232.68	3756471.16	1.57899	459232.68	3756501.16	1.38353
459232.68	3756531.16	1.22326	459262.68	3756291.16	6.48951
459262.68	3756321.16	4.38680	459262.68	3756351.16	3.09969
459262.68	3756381.16	2.40003	459262.68	3756411.16	1.99233
459262.68	3756441.16	1.71803	459262.68	3756471.16	1.50039
459262.68	3756501.16	1.31841	459262.68	3756531.16	1.16882
459292.68	3756291.16	6.09153	459292.68	3756321.16	4.22399
459292.68	3756351.16	2.99874	459292.68	3756381.16	2.30316
459292.68	3756411.16	1.90165	459292.68	3756441.16	1.63216
459292.68	3756471.16	1.42795	459292.68	3756501.16	1.25882
459292.68	3756531.16	1.11673	459322.68	3756291.16	5.72212
459322.68	3756321.16	4.05017	459322.68	3756351.16	2.89818
459322.68	3756381.16	2.22293	459322.68	3756411.16	1.82458
459322.68	3756441.16	1.55697	459322.68	3756471.16	1.36321
459322.68	3756501.16	1.20450	459322.68	3756531.16	1.06754
459352.68	3756291.16	5.32304	459352.68	3756321.16	3.84658
459352.68	3756351.16	2.76408	459352.68	3756381.16	2.10833
459352.68	3756411.16	1.73191	459352.68	3756441.16	1.48629
459352.68	3756471.16	1.30556	459352.68	3756501.16	1.15416
459352.68	3756531.16	1.02202	459382.68	3756291.16	4.94662
459382.68	3756321.16	3.64349	459382.68	3756351.16	2.65839
459382.68	3756381.16	2.02905	459382.68	3756411.16	1.65703
459382.68	3756441.16	1.42352	459382.68	3756471.16	1.25167
459382.68	3756501.16	1.10637	459382.68	3756531.16	0.98040
458633.73	3756194.08	7.27062	458633.73	3756224.08	6.91680
458663.73	3756164.08	9.45933	458663.73	3756194.08	8.95279
458663.73	3756224.08	8.42902	458693.73	3756164.08	12.09206

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
458693.73	3756194.08	11.34555	458693.73	3756224.08	10.53686
458723.73	3756194.08	14.92603	458723.73	3756224.08	13.61183
458753.73	3756224.08	18.37421	458783.73	3756224.08	26.37535

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458909.21	3756133.18	1278.63574	(22120216)	458909.21	3756163.18	3849.93596	(22120216)
458939.21	3756103.18	568.98361	(22121022)	458939.21	3756133.18	949.91750	(19071306)
458939.21	3756163.18	1487.70702	(19071306)	458969.21	3756043.18	280.92732	(22123023)
458969.21	3756073.18	383.93783	(19071306)	458969.21	3756103.18	508.76959	(19071306)
458969.21	3756133.18	560.36914	(19071306)	458969.21	3756163.18	1036.71768	(19122918)
458969.21	3756193.18	1609.54816	(22120108)	458969.21	3756223.18	1639.15348	(20051206)
458999.21	3756013.18	222.56553	(19071306)	458999.21	3756043.18	274.05354	(19071306)
458999.21	3756073.18	311.86027	(19071306)	458999.21	3756103.18	312.44644	(20022924)
458999.21	3756133.18	491.03837	(19122918)	458999.21	3756163.18	669.79159	(19010719)
458999.21	3756193.18	1005.55489	(22120108)	458999.21	3756223.18	1010.96664	(21070206)
459029.21	3755953.18	150.48501	(19071306)	459029.21	3755983.18	177.90890	(19071306)
459029.21	3756013.18	200.85902	(19071306)	459029.21	3756043.18	209.22108	(19071306)
459029.21	3756073.18	213.09613	(20022924)	459029.21	3756103.18	277.73889	(23051524)
459029.21	3756133.18	423.10570	(19122918)	459029.21	3756163.18	479.18398	(21011017)
459029.21	3756193.18	705.64350	(22120108)	459029.21	3756223.18	727.01218	(22011808)
459059.21	3755923.18	127.81516	(19071306)	459059.21	3755953.18	142.72156	(19071306)
459059.21	3755983.18	151.65715	(19071306)	459059.21	3756013.18	149.45541	(19071306)

459059.21	3756043.18	158.01751	(20022924)	459059.21	3756073.18	181.47403	(20090403)
459059.21	3756103.18	280.25122	(19122918)	459059.21	3756133.18	330.66966	(22011623)
459059.21	3756163.18	375.28140	(21011017)	459059.21	3756193.18	531.58994	(22120108)
459059.21	3756223.18	541.33449	(22011808)	459089.21	3755863.18	97.79794	(19071306)
459089.21	3755893.18	107.99715	(19071306)	459089.21	3755923.18	115.39954	(19071306)
459089.21	3755953.18	117.40405	(19071306)	459089.21	3755983.18	111.89598	(19071306)
459089.21	3756013.18	123.61546	(20022924)	459089.21	3756043.18	138.90492	(20090403)
459089.21	3756073.18	190.89296	(19122918)	459089.21	3756103.18	246.57521	(19122918)
459089.21	3756133.18	265.39792	(22010806)	459089.21	3756163.18	295.43068	(21011017)
459089.21	3756193.18	419.65913	(22120108)	459089.21	3756223.18	413.68092	(22011808)
459119.21	3755833.18	85.40932	(19071306)	459119.21	3755863.18	91.35072	(19071306)
459119.21	3755893.18	94.43055	(19071306)	459119.21	3755923.18	93.01072	(19071306)
459119.21	3755953.18	91.04377	(22123004)	459119.21	3755983.18	100.36827	(20022924)
459119.21	3756013.18	110.89173	(20090403)	459119.21	3756043.18	136.81250	(23051524)
459119.21	3756073.18	186.95391	(19122918)	459119.21	3756103.18	207.47245	(22011623)
459119.21	3756133.18	221.15808	(23010108)	459119.21	3756163.18	235.63884	(21011017)
459119.21	3756193.18	343.18333	(22120108)	459119.21	3756223.18	337.70254	(22120208)
459149.21	3755773.18	69.80394	(19071306)	459149.21	3755803.18	74.65997	(19071306)
459149.21	3755833.18	77.65007	(19071306)	459149.21	3755863.18	78.06923	(19071306)
459149.21	3755893.18	75.21899	(19071306)	459149.21	3755923.18	76.92173	(20022924)
459149.21	3755953.18	83.75700	(20022924)	459149.21	3755983.18	91.31482	(20090403)
459149.21	3756013.18	103.36884	(23051524)	459149.21	3756043.18	141.48871	(19122918)
459149.21	3756073.18	167.30349	(19122918)	459149.21	3756103.18	176.61121	(19010719)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459149.21	3756133.18	191.49687	(21011017)	459149.21	3756163.18	193.30256	(19011818)
459149.21	3756193.18	287.69848	(22120108)	459149.21	3756223.18	287.89417	(22120208)
459179.21	3755773.18	65.03649	(19071306)	459179.21	3755803.18	66.23751	(19071306)
459179.21	3755833.18	65.27769	(19071306)	459179.21	3755863.18	61.87066	(19071306)
459179.21	3755893.18	66.31074	(20022924)	459179.21	3755923.18	71.38000	(20022924)
459179.21	3755953.18	76.91243	(20090403)	459179.21	3755983.18	83.15367	(20090403)
459179.21	3756013.18	107.93868	(19122918)	459179.21	3756043.18	136.20361	(19122918)
459179.21	3756073.18	146.06171	(22011623)	459179.21	3756103.18	154.03741	(22010806)
459179.21	3756133.18	168.20318	(21011017)	459179.21	3756163.18	165.49271	(19011818)
459179.21	3756193.18	246.35621	(22120108)	459179.21	3756223.18	248.89368	(22120208)
459209.21	3755803.18	55.08379	(19071306)	459209.21	3755833.18	54.35888	(22123004)
459209.21	3755863.18	58.00101	(20022924)	459209.21	3755893.18	61.85106	(20022924)
459209.21	3755923.18	65.94079	(20090403)	459209.21	3755953.18	71.20167	(20090403)
459209.21	3755983.18	85.31167	(23051524)	459209.21	3756013.18	109.81300	(19122918)
459209.21	3756043.18	123.58770	(19122918)	459209.21	3756073.18	129.50982	(19010719)
459209.21	3756103.18	135.34232	(22122822)	459209.21	3756133.18	147.11169	(21011017)
459209.21	3756163.18	143.08657	(19011818)	459209.21	3756193.18	213.86176	(22120108)
459209.21	3756223.18	217.24082	(22120208)	459239.21	3755803.18	48.27246	(22123004)
459239.21	3755833.18	51.33047	(20022924)	459239.21	3755863.18	54.32709	(20022924)
459239.21	3755893.18	57.34629	(20090403)	459239.21	3755923.18	61.86787	(20090403)
459239.21	3755953.18	68.99986	(23051524)	459239.21	3755983.18	88.36329	(19122918)
459239.21	3756013.18	105.10033	(19122918)	459239.21	3756043.18	110.40250	(23020421)
459239.21	3756073.18	113.98587	(22012019)	459239.21	3756103.18	120.15903	(23010919)
459239.21	3756133.18	128.50168	(21011017)	459239.21	3756163.18	126.70382	(22011622)
459239.21	3756193.18	187.91551	(22120108)	459239.21	3756223.18	191.74313	(22120208)
459269.21	3755833.18	48.25245	(20022924)	459269.21	3755863.18	50.47369	(20090403)
459269.21	3755893.18	54.42573	(20090403)	459269.21	3755923.18	57.22803	(23010323)
459269.21	3755953.18	71.41010	(23051524)	459269.21	3755983.18	88.33876	(19122918)
459269.21	3756013.18	96.35826	(19122918)	459269.21	3756043.18	100.38260	(22011623)
459269.21	3756073.18	104.10381	(22010806)	459269.21	3756103.18	110.57259	(21011017)
459269.21	3756133.18	118.10602	(21011017)	459269.21	3756163.18	121.47109	(22011622)
459269.21	3756193.18	175.94600	(22120108)	459269.21	3756223.18	176.64979	(22120208)
459299.21	3755863.18	48.39328	(20090403)	459299.21	3755893.18	50.72424	(23010323)
459299.21	3755923.18	59.76720	(23051524)	459299.21	3755953.18	73.87416	(19122918)
459299.21	3755983.18	84.45588	(19122918)	459299.21	3756013.18	87.65149	(23020421)
459299.21	3756043.18	90.77391	(19010719)	459299.21	3756073.18	100.61736	(22122822)
459299.21	3756103.18	109.94836	(21011017)	459299.21	3756133.18	110.68823	(19120806)
459299.21	3756163.18	116.60935	(22011622)	459299.21	3756193.18	163.04765	(22120108)
459299.21	3756223.18	162.25606	(22120208)	459329.21	3755863.18	45.38133	(20090403)
459329.21	3755893.18	50.30857	(23051524)	459329.21	3755923.18	61.58514	(19122918)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459329.21	3755953.18	73.03421	(19122918)	459329.21	3755983.18	78.03616	(19122918)
459329.21	3756013.18	84.90673	(22011623)	459329.21	3756043.18	88.23993	(22010806)
459329.21	3756073.18	95.58796	(23010919)	459329.21	3756103.18	105.37709	(21011017)
459329.21	3756133.18	103.81018	(19120806)	459329.21	3756163.18	109.98753	(22011622)
459329.21	3756193.18	151.93181	(22120108)	459329.21	3756223.18	150.05972	(22120208)
459359.21	3755893.18	52.25843	(23051524)	459359.21	3755923.18	62.79013	(19122918)
459359.21	3755953.18	69.82888	(19122918)	459359.21	3755983.18	76.18110	(20021321)
459359.21	3756013.18	82.87958	(19010719)	459359.21	3756043.18	86.74250	(22010806)
459359.21	3756073.18	90.78081	(23010919)	459359.21	3756103.18	99.36106	(21011017)
459359.21	3756133.18	98.00893	(19022702)	459359.21	3756163.18	103.31081	(22011622)
459359.21	3756193.18	142.16685	(22120108)	459359.21	3756223.18	140.02891	(22120208)
459389.21	3755923.18	61.83002	(19122918)	459389.21	3755953.18	65.07229	(19122918)
459389.21	3755983.18	72.07638	(22011623)	459389.21	3756013.18	77.53501	(19010719)
459389.21	3756043.18	83.65029	(22122822)	459389.21	3756073.18	88.13070	(21011017)
459389.21	3756103.18	92.46424	(21011017)	459389.21	3756133.18	93.36162	(19022702)
459389.21	3756163.18	97.76249	(22011622)	459389.21	3756193.18	133.08006	(22120108)
459389.21	3756223.18	130.95482	(22120208)	458472.27	3755792.92	52.89375	(22122622)
458472.27	3755822.92	55.21798	(19020401)	458472.27	3755852.92	57.72987	(19120706)
458472.27	3755882.92	62.86437	(22123008)	458472.27	3755912.92	66.71410	(22122908)
458472.27	3755942.92	75.13659	(22122908)	458472.27	3755972.92	76.63121	(22122908)
458472.27	3756002.92	80.68498	(20011608)	458502.27	3755792.92	55.51663	(22123020)
458502.27	3755822.92	58.58798	(22122622)	458502.27	3755852.92	61.24702	(19020401)
458502.27	3755882.92	65.27603	(22123008)	458502.27	3755912.92	70.33613	(22123008)
458502.27	3755942.92	77.79809	(22122908)	458502.27	3755972.92	84.68509	(22122908)
458502.27	3756002.92	85.29860	(22012421)	458502.27	3756032.92	92.33315	(20011608)
458532.27	3755792.92	58.76269	(22050406)	458532.27	3755822.92	61.72459	(22123020)
458532.27	3755852.92	65.42607	(22122622)	458532.27	3755882.92	68.73931	(21120822)
458532.27	3755912.92	74.39461	(22123008)	458532.27	3755942.92	80.00222	(21120208)
458532.27	3755972.92	90.67053	(22122908)	458532.27	3756002.92	94.54704	(22122908)
458532.27	3756032.92	100.15703	(20011608)	458562.27	3755792.92	61.57714	(23011119)
458562.27	3755822.92	65.62463	(22050406)	458562.27	3755852.92	69.23981	(22123020)
458562.27	3755882.92	73.74219	(22122622)	458562.27	3755912.92	77.94899	(21120822)
458562.27	3755942.92	85.47245	(22123008)	458562.27	3755972.92	92.99310	(22122908)
458562.27	3756002.92	105.19979	(22122908)	458562.27	3756032.92	106.69195	(22012421)
458562.27	3756062.92	117.77696	(20010908)	458592.27	3755792.92	63.98522	(21021001)
458592.27	3755822.92	68.89872	(23012823)	458592.27	3755852.92	73.97266	(22050406)
458592.27	3755882.92	78.45830	(22123020)	458592.27	3755912.92	84.03063	(22122622)
458592.27	3755942.92	89.36867	(21120822)	458592.27	3755972.92	98.89852	(22123008)
458592.27	3756002.92	112.30390	(22122908)	458592.27	3756032.92	120.88405	(22122908)
458592.27	3756062.92	129.06501	(20011608)	458622.27	3755792.92	65.78624	(19022807)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458622.27	3755822.92	71.59084	(21021001)	458622.27	3755852.92	77.79941	(23012823)
458622.27	3755882.92	84.28081	(22050406)	458622.27	3755912.92	90.08462	(22123020)
458622.27	3755942.92	97.11246	(22122622)	458622.27	3755972.92	104.46163	(22123008)
458622.27	3756002.92	116.55799	(21120208)	458622.27	3756032.92	135.61481	(22122908)
458622.27	3756062.92	139.33235	(22012421)	458622.27	3756092.92	157.75486	(20010908)
458652.27	3755792.92	70.70490	(23010905)	458652.27	3755822.92	73.98530	(22121205)
458652.27	3755852.92	80.35864	(21021001)	458652.27	3755882.92	88.82696	(20012201)
458652.27	3755912.92	97.53522	(23011119)	458652.27	3755942.92	105.02703	(22123020)
458652.27	3755972.92	114.11152	(22122622)	458652.27	3756002.92	126.07907	(22123008)
458652.27	3756032.92	143.46742	(22122908)	458652.27	3756062.92	162.56397	(22122908)
458652.27	3756092.92	175.21384	(20011608)	458652.27	3756122.92	185.72722	(20010908)
458682.27	3755792.92	76.52657	(23010905)	458682.27	3755822.92	82.32668	(23010905)
458682.27	3755852.92	85.38289	(22121205)	458682.27	3755882.92	92.37973	(19022807)
458682.27	3755912.92	103.15551	(21021001)	458682.27	3755942.92	114.63806	(23011119)
458682.27	3755972.92	124.86713	(22123020)	458682.27	3756002.92	137.29267	(19020401)
458682.27	3756032.92	155.22527	(22123008)	458682.27	3756062.92	183.94478	(22122908)
458682.27	3756092.92	195.76780	(20011608)	458682.27	3756122.92	223.81766	(20010908)
458712.27	3755792.92	79.74527	(20010823)	458712.27	3755822.92	85.66600	(21021304)
458712.27	3755852.92	94.95330	(23010905)	458712.27	3755882.92	102.37706	(23010905)
458712.27	3755912.92	107.97346	(22121205)	458712.27	3755942.92	121.58277	(21021001)
458712.27	3755972.92	137.46987	(23011119)	458712.27	3756002.92	152.32302	(22123020)

458712.27	3756032.92	169.80227	(19020401)	458712.27	3756062.92	195.89622	(21120208)
458712.27	3756092.92	236.12172	(22122908)	458712.27	3756122.92	262.60770	(20010908)
458712.27	3756152.92	275.36092	(21120508)	458742.27	3755792.92	83.72245	(22120217)
458742.27	3755822.92	89.83416	(22120217)	458742.27	3755852.92	99.59328	(20010823)
458742.27	3755882.92	108.61914	(21021304)	458742.27	3755912.92	122.58251	(23010905)
458742.27	3755942.92	132.53202	(23010905)	458742.27	3755972.92	145.19641	(19022807)
458742.27	3756002.92	169.33898	(23012823)	458742.27	3756032.92	191.99048	(22123020)
458742.27	3756062.92	218.26652	(21120822)	458742.27	3756092.92	268.73084	(22122908)
458742.27	3756122.92	307.19514	(20011608)	458742.27	3756152.92	346.36872	(21120508)
458742.27	3756182.92	400.24600	(23120708)	458772.27	3755792.92	85.04478	(21071006)
458772.27	3755822.92	94.01689	(22120217)	458772.27	3755852.92	105.31595	(22120217)
458772.27	3755882.92	116.27180	(22120217)	458772.27	3755912.92	129.82933	(20010823)
458772.27	3755942.92	145.35707	(23010905)	458772.27	3755972.92	167.38172	(23010905)
458772.27	3756002.92	181.75728	(22121205)	458772.27	3756032.92	216.14545	(20012201)
458772.27	3756062.92	254.69479	(22050406)	458772.27	3756092.92	300.71235	(22123008)
458772.27	3756122.92	391.34325	(22122908)	458772.27	3756152.92	459.41246	(20010908)
458772.27	3756182.92	500.73721	(23120708)	458802.27	3755792.92	89.46211	(20010718)
458802.27	3755822.92	99.12072	(20010718)	458802.27	3755852.92	109.57827	(20010718)
458802.27	3755882.92	120.29282	(21071006)	458802.27	3755912.92	137.35007	(22120217)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458802.27	3755942.92	158.12881	(22120217)	458802.27	3755972.92	180.45177	(20010823)
458802.27	3756002.92	210.15595	(23010905)	458802.27	3756032.92	248.78684	(23010905)
458802.27	3756062.92	291.54824	(21021001)	458802.27	3756092.92	363.08047	(22050406)
458802.27	3756122.92	457.15893	(22123008)	458802.27	3756152.92	598.10345	(20011608)
458802.27	3756182.92	687.78190	(21123016)	458802.27	3756212.92	945.44637	(21020808)
458832.27	3755792.92	89.35667	(21122419)	458832.27	3755822.92	97.99123	(21122419)
458832.27	3755852.92	109.02168	(22120218)	458832.27	3755882.92	125.33453	(20010718)
458832.27	3755912.92	144.96298	(20010718)	458832.27	3755942.92	167.50073	(20010718)
458832.27	3755972.92	192.59734	(20010718)	458832.27	3756002.92	231.50071	(22120217)
458832.27	3756032.92	279.06922	(22120217)	458832.27	3756062.92	347.96441	(23010905)
458832.27	3756092.92	431.33889	(23010905)	458832.27	3756122.92	585.44562	(22050406)
458832.27	3756152.92	856.32012	(22122908)	458832.27	3756182.92	1099.82896	(21120508)
458862.27	3755792.92	90.11610	(19120422)	458862.27	3755822.92	99.92849	(20021723)
458862.27	3755852.92	112.69786	(20021723)	458862.27	3755882.92	127.82606	(20021723)
458862.27	3755912.92	146.34760	(20021723)	458862.27	3755942.92	169.71794	(21122419)
458862.27	3755972.92	199.55112	(21122419)	458862.27	3756002.92	241.59752	(20010718)
458862.27	3756032.92	307.61954	(20010718)	458862.27	3756062.92	395.11681	(20010718)
458862.27	3756092.92	538.64373	(22120217)	458862.27	3756122.92	777.91012	(23010905)
458862.27	3756152.92	1211.01215	(22050406)	458892.27	3755792.92	90.42826	(20121022)
458892.27	3755822.92	100.47732	(20121022)	458892.27	3755852.92	112.61517	(20121022)
458892.27	3755882.92	127.63627	(20121207)	458892.27	3755912.92	146.61500	(20121207)
458892.27	3755942.92	170.92333	(20121207)	458892.27	3755972.92	203.10230	(20121207)
458892.27	3756002.92	246.99057	(20121207)	458892.27	3756032.92	311.73173	(19120422)
458892.27	3756062.92	411.27168	(19120422)	458892.27	3756092.92	580.79271	(20021723)
458922.27	3755792.92	82.85275	(22042002)	458922.27	3755822.92	91.80812	(20021904)
458922.27	3755852.92	102.89167	(20021904)	458922.27	3755882.92	116.54690	(20021904)
458922.27	3755912.92	133.57823	(20021904)	458922.27	3755942.92	155.40563	(20021904)
458922.27	3755972.92	184.01246	(20021904)	458922.27	3756002.92	222.36746	(20021904)
458922.27	3756032.92	278.32042	(23011520)	458922.27	3756062.92	384.07909	(22120216)
458952.27	3755792.92	80.64181	(23011520)	458952.27	3755822.92	90.32053	(23011520)
458952.27	3755852.92	101.72548	(23011520)	458952.27	3755882.92	115.31417	(23011520)
458952.27	3755912.92	131.90322	(23011520)	458952.27	3755942.92	152.39111	(23011520)
458952.27	3755972.92	180.18586	(19120719)	458952.27	3756002.92	219.80268	(19120719)
458982.27	3755792.92	80.08818	(23011520)	458982.27	3755822.92	88.69122	(19120719)
458982.27	3755852.92	100.43237	(19120719)	458982.27	3755882.92	113.57780	(19120719)
458982.27	3755912.92	128.86511	(19120719)	458982.27	3755942.92	148.14332	(21072406)
458982.27	3755972.92	173.45371	(22121022)	459012.27	3755792.92	79.76173	(19120719)
459012.27	3755822.92	87.07397	(19120719)	459012.27	3755852.92	97.59544	(21072406)
459012.27	3755882.92	109.31354	(21072406)	459012.27	3755912.92	123.76257	(22121022)
459042.27	3755792.92	77.46553	(21072406)	459042.27	3755822.92	85.33010	(22121022)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459042.27	3755852.92	93.99304	(23122920)	459042.27	3755882.92	104.01267	(22123023)
459072.27	3755792.92	74.82825	(22123023)	459072.27	3755822.92	81.67821	(22122902)
459102.27	3755792.92	73.81268	(19071306)	458632.68	3756291.16	221.61652	(19120708)
458632.68	3756321.16	195.26131	(20122121)	458632.68	3756351.16	199.74181	(22010808)
458632.68	3756381.16	201.63673	(20012208)	458662.68	3756291.16	254.37250	(19120708)
458662.68	3756321.16	232.69449	(19013008)	458662.68	3756351.16	241.54904	(20012208)
458662.68	3756381.16	206.64496	(20012708)	458662.68	3756411.16	192.90841	(21012208)
458662.68	3756441.16	176.95949	(19121408)	458662.68	3756471.16	153.96657	(20021801)
458662.68	3756501.16	143.16137	(19121219)	458662.68	3756531.16	130.13842	(19120603)
458692.68	3756291.16	278.11547	(22010518)	458692.68	3756321.16	282.54861	(22010808)
458692.68	3756351.16	268.59600	(20012208)	458692.68	3756381.16	236.10145	(21012208)
458692.68	3756411.16	212.99974	(19121408)	458692.68	3756441.16	182.83347	(22011801)
458692.68	3756471.16	168.83462	(22122619)	458692.68	3756501.16	151.87254	(21020521)
458692.68	3756531.16	138.80867	(20013121)	458722.68	3756291.16	346.31847	(19013008)
458722.68	3756321.16	353.60661	(20012208)	458722.68	3756351.16	296.76016	(21012208)
458722.68	3756381.16	263.85348	(19121408)	458722.68	3756411.16	223.21159	(19121119)
458722.68	3756441.16	201.54232	(22122619)	458722.68	3756471.16	178.59955	(20013121)
458722.68	3756501.16	161.78729	(20121322)	458722.68	3756531.16	141.21733	(20121322)
458752.68	3756291.16	461.49304	(20012208)	458752.68	3756321.16	385.56797	(21012208)
458752.68	3756351.16	339.93780	(19121408)	458752.68	3756381.16	282.42339	(19121119)
458752.68	3756411.16	245.53477	(21020521)	458752.68	3756441.16	216.70898	(20013121)
458752.68	3756471.16	188.64836	(20121322)	458752.68	3756501.16	150.93558	(22121918)
458752.68	3756531.16	130.44682	(22022001)	458782.68	3756291.16	558.97239	(20012208)
458782.68	3756321.16	463.78239	(19121408)	458782.68	3756351.16	374.18095	(19121219)
458782.68	3756381.16	313.87227	(21020521)	458782.68	3756411.16	268.79564	(20121322)
458782.68	3756441.16	209.64569	(22121918)	458782.68	3756471.16	173.51711	(22022001)
458782.68	3756501.16	153.39889	(19121321)	458782.68	3756531.16	139.42151	(23121818)
458812.68	3756291.16	692.26123	(19121408)	458812.68	3756321.16	529.64022	(22122619)
458812.68	3756351.16	423.26792	(20121322)	458812.68	3756381.16	319.58212	(22121918)
458812.68	3756411.16	248.14230	(22022001)	458812.68	3756441.16	215.09330	(23121818)
458812.68	3756471.16	185.39100	(23121818)	458812.68	3756501.16	161.57313	(20120618)
458812.68	3756531.16	143.42373	(21122221)	458842.68	3756291.16	829.45993	(21020521)
458842.68	3756321.16	579.11378	(20121322)	458842.68	3756351.16	402.86165	(23121818)
458842.68	3756381.16	327.30607	(23121818)	458842.68	3756411.16	266.59451	(20120618)
458842.68	3756441.16	225.17907	(21122221)	458842.68	3756471.16	191.60906	(22121519)
458842.68	3756501.16	166.94788	(22121519)	458842.68	3756531.16	146.86368	(21120720)
458872.68	3756291.16	872.87831	(23121818)	458872.68	3756321.16	596.38461	(21122221)
458872.68	3756351.16	440.64140	(22121519)	458872.68	3756381.16	342.52793	(21120720)
458872.68	3756411.16	277.05882	(21021003)	458872.68	3756441.16	229.77642	(19011320)
458872.68	3756471.16	196.34959	(21020120)	458872.68	3756501.16	170.21770	(21020120)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
458872.68	3756531.16	149.02582	(21020120)	458902.68	3756291.16	937.08022	(20022421)
458902.68	3756321.16	621.80209	(20022421)	458902.68	3756351.16	452.97834	(20022421)
458902.68	3756381.16	350.24366	(20022421)	458902.68	3756411.16	281.94598	(20022421)
458902.68	3756441.16	233.79057	(20022421)	458902.68	3756471.16	198.24904	(20022421)
458902.68	3756501.16	171.12169	(20022421)	458902.68	3756531.16	149.83020	(20022421)
458932.68	3756291.16	856.80705	(22062106)	458932.68	3756321.16	577.10066	(22062106)
458932.68	3756351.16	410.22444	(20012220)	458932.68	3756381.16	321.78772	(19013007)
458932.68	3756411.16	261.18984	(22011401)	458932.68	3756441.16	217.74593	(20012608)
458932.68	3756471.16	187.67326	(20012608)	458932.68	3756501.16	163.59519	(20012608)
458932.68	3756531.16	144.25841	(20012608)	458962.68	3756291.16	890.61531	(22070906)
458962.68	3756321.16	582.28881	(23122921)	458962.68	3756351.16	384.31055	(21020721)
458962.68	3756381.16	315.43549	(22062106)	458962.68	3756411.16	261.15684	(22062106)
458962.68	3756441.16	215.40221	(22062106)	458962.68	3756471.16	179.31458	(20012220)
458962.68	3756501.16	155.21418	(20012220)	458962.68	3756531.16	136.72071	(19013007)
458992.68	3756291.16	725.17451	(21052606)	458992.68	3756321.16	572.79693	(23070206)
458992.68	3756351.16	439.56726	(22070906)	458992.68	3756381.16	324.43373	(23122921)
458992.68	3756411.16	235.41168	(21020721)	458992.68	3756441.16	199.34296	(23010401)
458992.68	3756471.16	177.30800	(22062106)	458992.68	3756501.16	157.48902	(22062106)
458992.68	3756531.16	138.88901	(22062106)	459022.68	3756291.16	559.12290	(22032607)
459022.68	3756321.16	482.12447	(21052606)	459022.68	3756351.16	403.98435	(20052306)
459022.68	3756381.16	333.35518	(22070906)	459022.68	3756411.16	270.93611	(23122921)
459022.68	3756441.16	214.13192	(23122921)	459022.68	3756471.16	163.23382	(21120322)
459022.68	3756501.16	145.21915	(21020721)	459022.68	3756531.16	128.55332	(23122819)
459052.68	3756291.16	483.60572	(22070106)	459052.68	3756321.16	387.44676	(20071306)
459052.68	3756351.16	351.92778	(21052606)	459052.68	3756381.16	305.81420	(20052306)

459052.68	3756411.16	266.28731	(23070206)	459052.68	3756441.16	227.12331	(22070906)
459052.68	3756471.16	190.90910	(23122921)	459052.68	3756501.16	155.25989	(23122921)
459052.68	3756531.16	122.11246	(21120322)	459082.68	3756291.16	393.17290	(19010708)
459082.68	3756321.16	350.82918	(22100307)	459082.68	3756351.16	291.13227	(20071306)
459082.68	3756381.16	272.25494	(21052606)	459082.68	3756411.16	240.21459	(20052306)
459082.68	3756441.16	215.88292	(23070206)	459082.68	3756471.16	188.93616	(22070906)
459082.68	3756501.16	165.34804	(22070906)	459082.68	3756531.16	143.59875	(23122921)
459112.68	3756291.16	314.66488	(19010708)	459112.68	3756321.16	323.25035	(22070106)
459112.68	3756351.16	276.87038	(22100307)	459112.68	3756381.16	229.07637	(21052606)
459112.68	3756411.16	219.46216	(21052606)	459112.68	3756441.16	194.14935	(20052306)
459112.68	3756471.16	178.45572	(20052306)	459112.68	3756501.16	162.33441	(23070206)
459112.68	3756531.16	152.68381	(22070906)	459142.68	3756291.16	266.28223	(22010419)
459142.68	3756321.16	278.14502	(19010708)	459142.68	3756351.16	265.05566	(22070106)
459142.68	3756381.16	225.04657	(22032607)	459142.68	3756411.16	197.38764	(21052606)
459142.68	3756441.16	182.05378	(21052606)	459142.68	3756471.16	165.76708	(20052306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
459142.68	3756501.16	159.88545	(20052306)	459142.68	3756531.16	150.77824	(23070206)
459172.68	3756291.16	233.80183	(19011620)	459172.68	3756321.16	240.50392	(19010708)
459172.68	3756351.16	245.25616	(22070106)	459172.68	3756381.16	220.43657	(22100307)
459172.68	3756411.16	186.74109	(22032607)	459172.68	3756441.16	170.12980	(21052606)
459172.68	3756471.16	162.36655	(21052606)	459172.68	3756501.16	142.83360	(20052306)
459172.68	3756531.16	144.84401	(20052306)	459202.68	3756291.16	202.53352	(19011620)
459202.68	3756321.16	199.32609	(23122218)	459202.68	3756351.16	213.50898	(19010708)
459202.68	3756381.16	207.73040	(22070106)	459202.68	3756411.16	178.16773	(22100307)
459202.68	3756441.16	158.47046	(20071306)	459202.68	3756471.16	149.18519	(21052606)
459202.68	3756501.16	143.12949	(21052606)	459202.68	3756531.16	126.03361	(21120717)
459232.68	3756291.16	179.53769	(23010823)	459232.68	3756321.16	179.91898	(22010419)
459232.68	3756351.16	187.90398	(19010708)	459232.68	3756381.16	189.05590	(22070106)
459232.68	3756411.16	173.53082	(22100307)	459232.68	3756441.16	149.73675	(22032607)
459232.68	3756471.16	138.40799	(20071306)	459232.68	3756501.16	132.85242	(21052606)
459232.68	3756531.16	127.74417	(21052606)	459262.68	3756291.16	161.53079	(23021401)
459262.68	3756321.16	160.30491	(19011620)	459262.68	3756351.16	157.60060	(23122218)
459262.68	3756381.16	171.00077	(19010708)	459262.68	3756411.16	170.75378	(22070106)
459262.68	3756441.16	150.90018	(22100307)	459262.68	3756471.16	132.07942	(22032607)
459262.68	3756501.16	122.64692	(20071306)	459262.68	3756531.16	120.37332	(21052606)
459292.68	3756291.16	147.11662	(21070206)	459292.68	3756321.16	143.58627	(19011620)
459292.68	3756351.16	141.42561	(22010419)	459292.68	3756381.16	153.22727	(19010708)
459292.68	3756411.16	152.75130	(22070106)	459292.68	3756441.16	144.39736	(22070106)
459292.68	3756471.16	128.52701	(22100307)	459292.68	3756501.16	117.46566	(22032607)
459292.68	3756531.16	110.51474	(20071306)	459322.68	3756291.16	135.69562	(21070206)
459322.68	3756321.16	130.24090	(22122723)	459322.68	3756351.16	130.32557	(22010419)
459322.68	3756381.16	128.72700	(19010708)	459322.68	3756411.16	138.46795	(19010708)
459322.68	3756441.16	139.56798	(22070106)	459322.68	3756471.16	126.33139	(22100307)
459322.68	3756501.16	111.29806	(22122708)	459322.68	3756531.16	107.53844	(20071306)
459352.68	3756291.16	127.28833	(21070206)	459352.68	3756321.16	120.56216	(23010823)
459352.68	3756351.16	121.75561	(19011620)	459352.68	3756381.16	118.60452	(23122218)
459352.68	3756411.16	129.09176	(19010708)	459352.68	3756441.16	125.83586	(22070106)
459352.68	3756471.16	123.01808	(22070106)	459352.68	3756501.16	113.04222	(22100307)
459352.68	3756531.16	103.22039	(22032607)	459382.68	3756291.16	119.80829	(21070206)
459382.68	3756321.16	112.56550	(23021401)	459382.68	3756351.16	112.86574	(19011620)
459382.68	3756381.16	112.12094	(22010419)	459382.68	3756411.16	112.51568	(19010708)
459382.68	3756441.16	117.99483	(19010708)	459382.68	3756471.16	117.53393	(22070106)
459382.68	3756501.16	107.72961	(22100307)	459382.68	3756531.16	102.23681	(22100307)
458633.73	3756194.08	234.09716	(23120708)	458633.73	3756224.08	249.27516	(21020808)
458663.73	3756164.08	199.49333	(20012624)	458663.73	3756194.08	275.02630	(23120708)
458663.73	3756224.08	288.83394	(21020808)	458693.73	3756164.08	240.16129	(21122224)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	223.97650	AT (458969.21, 3756193.18, 230.73, 230.73, 0.00)	DC	
	2ND HIGHEST VALUE IS	142.18935	AT (458969.21, 3756223.18, 231.32, 231.32, 0.00)	DC	
	3RD HIGHEST VALUE IS	120.07748	AT (458999.21, 3756193.18, 230.96, 230.96, 0.00)	DC	
	4TH HIGHEST VALUE IS	92.96200	AT (458862.27, 3756152.92, 229.32, 229.32, 0.00)	DC	
	5TH HIGHEST VALUE IS	90.78821	AT (458999.21, 3756223.18, 231.63, 231.63, 0.00)	DC	
	6TH HIGHEST VALUE IS	84.54802	AT (458909.21, 3756163.18, 229.82, 229.82, 0.00)	DC	
	7TH HIGHEST VALUE IS	82.99617	AT (458832.27, 3756182.92, 229.22, 229.22, 0.00)	DC	
	8TH HIGHEST VALUE IS	81.43515	AT (458969.21, 3756163.18, 230.30, 230.30, 0.00)	DC	
	9TH HIGHEST VALUE IS	77.95157	AT (458939.21, 3756163.18, 230.01, 230.01, 0.00)	DC	
	10TH HIGHEST VALUE IS	75.97850	AT (459029.21, 3756193.18, 231.31, 231.31, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF TOG IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	3849.93596	ON 22120216: AT (458909.21, 3756163.18, 229.82, 229.82, 0.00)		DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1829 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 852 Calm Hours Identified

A Total of 977 Missing Hours Identified (2.23 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 64 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 64 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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*** AERMOD Finishes Successfully ***
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