Kimley»Horn

MEMORANDUM

To:	Town of Yucca Valley Planning Division
From:	Alex Pohlman, Kimley-Horn and Associates, Inc.
Date:	January 7, 2025
Subject:	Yucca Valley Walmart Fuel Station – Health Risk Assessment

1.0 Purpose

This comparative Health Risk Assessment (HRA) has been undertaken to analyze whether the proposed Yucca Valley Walmart Fuel Station Project (Project) would result in any new or substantially more severe significant health risks associated with Toxic Air Contaminants (TACs) as compared to the conclusions discussed in the certified Yucca Valley Retail Specific Plan (Original Project) Environmental Impact Report (Final EIR) that was certified on June 25, 2008. This technical memorandum evaluates the proposed updates associated with the Project, (described below) pursuant to Public Resources Code, Section 21166 or State CEQA Guidelines Section 15162. This HRA was prepared in accordance with the California Office of Environmental Health Hazard Assessment (OEHHA) *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015).

2.0 Project Description

Original Project

The Final EIR for the Original Project analyzed the development of a commercial retail center on approximately 25.51 acres located on the southeast corner of Twentynine Palms Highway (SR-62) and Avalon Avenue. The EIR analysis for the Original Project included a 229,000-square foot Walmart Supercenter, a 6-pump gas station, a 4,000-square foot fast-food restaurant with drive-through, and a detention basin. However, the Specific Plan, approved on August 14, 2008, did not include the gas station as a permitted use and the area designated in the EIR for the gas station and a 4,000-square foot fast-food restaurant with drive-through was ultimately developed with two smaller fast-food restaurants instead.

Proposed Project

The proposed Project involves the development of a 6-pump fuel station similar to the one previously analyzed in the Final EIR, although in a different location. The fuel station would be located in the northeastern portion of the existing parking lot, south of the detention basin and SR-62, see **Exhibit 1: Local Vicinity Map** and **Exhibit 2: Conceptual Site Plan**.

Source: ArcGIS Pro

EXHIBIT 1: Local Vicinity Map
Yucca Valley Fuel Station Project

Not to Scale

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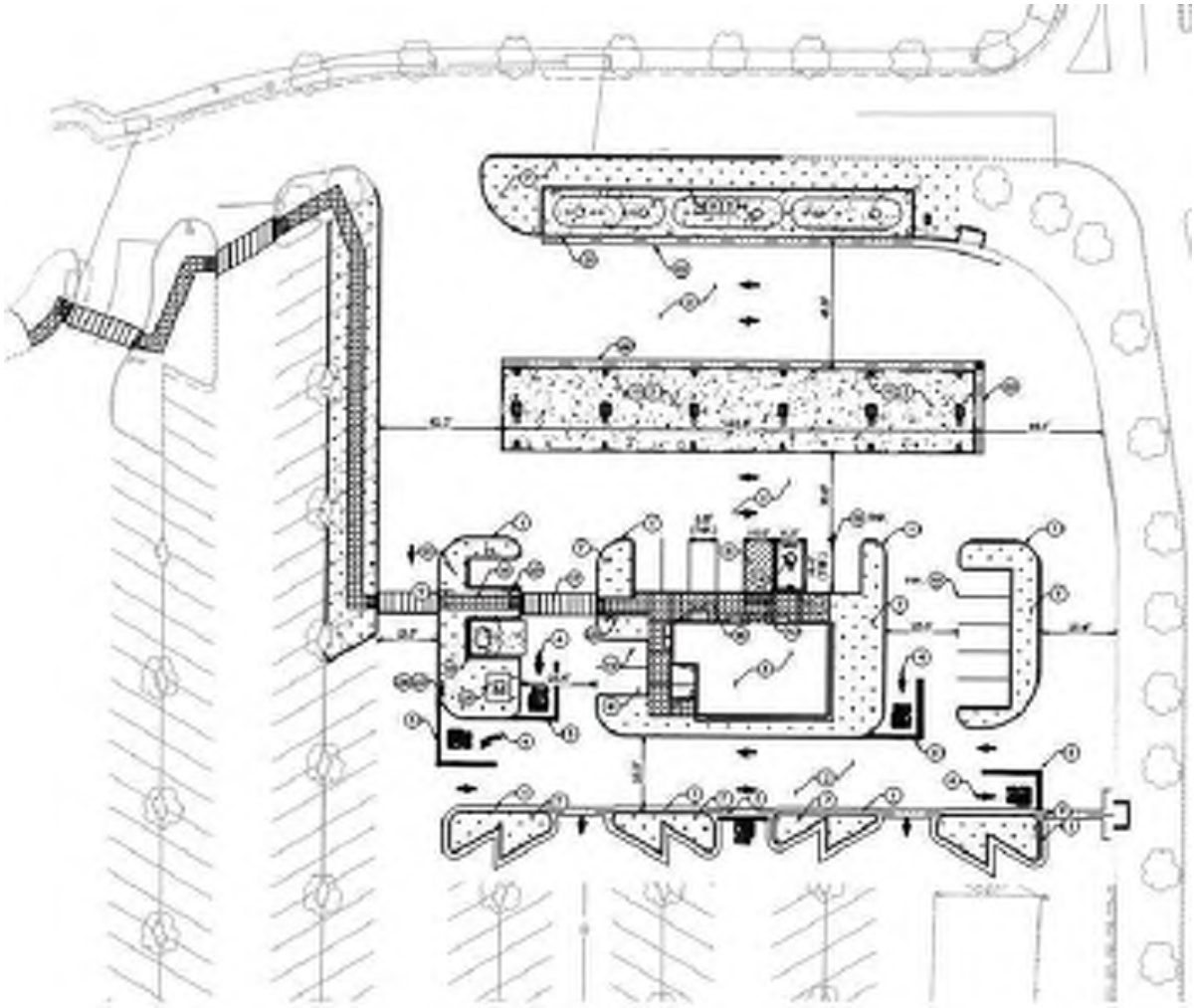

WALMART FUEL STATION - STORE #1915
58501 TWENTYNINE PALMS HIGHWAY, YUCCA VALLEY, CA 92284

Source: Kimley-Horn Traffic Scoping Agreement

EXHIBIT 2: Conceptual Site Plan
Yucca Valley Walmart Fuel Station Project

Not to Scale

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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 NAAQS attainment and maintenance were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

FCAA Amendments Section 112 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.[1] 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 U.S. 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.[2]

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 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

[1] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed November 2024.

[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, 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.

notices and public meetings. In September 1992, the 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.[3] 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.[4] 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.

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

[4] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed November 2024.

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 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.

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 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 6071010412, which is within the 28nd overall percentile while the nearest sensitive receptors are located in Census Tract 6071010411 to the north and is within the 46th overall percentile.[5] 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. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.
- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers and others are required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, are required to report about their existing fleet operations. This information helps to identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

[5] OEHHA, CalEnviroScreen 4.0 Results (2022 Update), https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed December 2024.

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.

CARB Advanced Clean Fleets Regulation

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, requiring fleet owners to begin transitioning toward ZEVs starting in 2024. Due to the impact that truck traffic has on residents living near heavily trafficked corridors, drayage trucks will need to be zero-emissions by 2035. All other fleet owners have the option to transition a percentage of their vehicles to meet expected zero-emission milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

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.[6]

CARB Air Quality and Land Use Handbook – Gasoline Dispensing Facilities

The CARB *Air Quality and Land Use Handbook* (2005) recommends avoiding siting new sensitive land uses within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater).[7] A 50-foot separation is recommended for typical gas dispensing facilities. CARB

[6] The project would be required to comply with the State's Gasoline Dispensing Facility Vapor Recovery Regulations.
[7] The proposed Project would have a maximum anticipated throughput of approximately 5.0 million gallons per year.

notes that a typical gasoline dispensing facility in California dispenses under 3.6 million gallons of gasoline per year. 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.

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 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

Mojave Desert Air Quality Management District

The Mojave Desert Air Quality Management District (MDAQMD) has jurisdiction over the project site. The MDAQMD is the air pollution control agency for San Bernardino County's High Desert and Riverside County's Palo Verde Valley. It includes nearly 20,000 square miles and a population of more than 500,000; it is the second largest of California's 35 air districts by area. The MDAQMD has primary responsibility for controlling emissions from stationary sources of air pollution within its jurisdiction. This is accomplished in part by administering air quality programs required by federal and state mandates and enforcing rules and regulations based on air pollution law.

The MDAQMD is responsible for monitoring air quality and for planning, implementing, and enforcing programs designed to attain and maintain NAAQS and California Ambient Air Quality Standards (CAAQS) in their jurisdiction.

The MDAQMD has adopted rules to limit air emissions. Many of these rules were put in place as required measures specified in the various SIPs and air quality attainment plans.

4.0 Significance Criteria and Methodology

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 MDAQMD 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 (project increment).

Cancer risk is expressed in terms of expected incremental incidence per million population. As noted above, the MDAQMD 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 risk that is in addition to any cancer risk borne by a person not exposed to these air toxics.

The MDAQMD 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

This HRA evaluates potential health risks associated with potential Project TAC emissions. Construction equipment and associated heavy-duty truck traffic generate DPM, which is a known TAC. DPM exhaust emissions from construction equipment operating at the site poses a health risk to nearby sensitive receptors. Operational activities would also emit TACs from fueling and the use of heavy-duty diesel trucks.

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 toxic air contaminant 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 area to deliver materials and equipment were included in the analysis, although they are typically less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site potentially poses a health risk to nearby sensitive receptors. The nearest sensitive receptors are the residences located approximately 410 feet to the north, on the opposite side of SR-62.

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. Construction is subject to and would comply with California regulations (e.g., California Code of Regulations, Title 13, §§2485 and 2449), which reduce DPM and criteria pollutant emissions from in-use off-road diesel-fueled vehicles and limit the idling of heavy-duty construction equipment to no more than five minutes. Idling limits would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense period of construction, emissions of DPM 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 from the CalEEMod construction emissions modeling conducted for the project Air Quality and Greenhouse Gas Analysis. The duration of construction activities are anticipated to occur over an approximately 5-month period and the analysis assumes the earliest feasible start date (i.e., late 2025).[8]

Operational Sources

CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from DPM.[9] In addition, this HRA also evaluates potential health risks associated with the emission of benzene.

Of the toxic compounds emitted from the 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. Therefore,

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[8] The earliest feasible construction start date has been modeled. Emissions in future years (i.e., due to a later construction start date or operational opening year) would be lower due to phased-in emissions standards, inspection and maintenance requirements, and fleet turnover). Specifically, project construction was modeled to start in 2025. If construction commences at a later date, construction impacts would be less than those analyzed due to the use of more energy-efficient and cleaner burning construction vehicle fleet mix, pursuant to state regulations that require vehicle fleet operators to phase-in less polluting heavy-duty equipment. For emissions modeling purposes, conservatively analyzing the emissions using the earliest feasible construction start date (i.e., 2025), provides for a worst-case analysis and full disclosure of potential air quality impacts, as required by CEQA.

[9] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed January 2025.

ethylbenzene and naphthalene have not been modeled and are instead considered significant in the case that benzene emissions are significant. 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 CAPCOA *Gasoline Service Station Industrywide Risk Assessment Guidelines*. 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.

Fueling Sources

Benzene emissions would occur from the proposed on-site fuel storage tanks and fuel dispensers. 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 5.0 million gallons per year). Emissions of benzene, which is a TAC, were computed using CARB emission factors for fuel dispensing facilities and assuming that benzene makes up 0.46 percent of gasoline vapor.[10] Total benzene emissions were calculated at 0.0024 pounds per hour; refer to **Appendix A** for the details of these 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.

Mobile Sources

Due to the increased vehicle traffic from the Project, the resulting emissions could also result in pollutant concentrations at existing sensitive receptors. Two daily heavy-duty delivery truck trips

[10] *CAPCOA, Gasoline Service Station Industrywide Risk Assessment Technical Guidance,* January 2022.

were assumed to access the site and serve the gas station. Emission rates in grams per hour for vehicle idling for PM_{10} (DPM) was calculated using trip data and CARB 2021 EMission FACtor model version 1.0.2 (EMFAC)[11] data for the Mojave Desert portion of San Bernardino County; refer to **Appendix A**.

The emissions rates were calculated using 2026 emissions factors since project construction would be completed in mid-2026. Truck emissions were conservatively based on the first possible year of operations for a fleet mix of various aged vehicles, as opposed to average emissions over a 30-year window. This approach is conservative as it assumes no cleaner technology in future years. Trucks were assumed to travel at a speed of 55 miles per hour (mph) on SR-62 and 15 mph in the Walmart parking area and on-site at the fueling station.

Dispersion Modeling

The on-site 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 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 Palm Springs International Airport Monitoring Station (KPSP), which is outside the MDAQMD area but is the closest station to the Project Site, was obtained from the South Coast Air Quality Management District (SCAQMD).[12] 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 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 emissions sources were modeled as line volume sources (comprised of smaller adjacent volume sources) for on-site construction and off-site haul truck operations. Off-road construction equipment operating on-site were assigned a

[11] California Air Resources Board, *EMFAC 2021 Web Database,* https://arb.ca.gov/emfac/ accessed December 2024.
[12] South Coast Air Quality Management District, *Health Risk Assessment Tool and AEROD-Ready Meteorological Data Files*, https://www.aqmd.gov/assets/aermet/AERMET_files_And_HRA_Tool.html, accessed December 2024.

release height of 12.5 feet (3.82 meters) and a plume height of 25.1 feet (7.6 meters) based on a vehicle height of 14.7 feet (4.5 meters). On-road construction equipment (hauling materials to and from the Project site) were assigned a release height of 10.3 feet (3.15 meters) and a plume height of 20.6 feet (6.29 meters) based on a vehicle height of 12.1 feet (3.7 meters).

  - Operational mobile emission sources were modeled as line volume sources truck operations. Heavy duty vehicle emissions were assigned a release height of 10.3 feet (3.15 meters) and a plume height of 20.6 feet (6.29 meters).
  - Operational fueling sources were modeled as an area source in AERMOD.

- Receptor Grid. To identify the maximum impacted receptors, discrete placed on the nearest sensitive receptors and a uniform 20-meter Cartesian grid was placed over other locations within 1,000 feet of proposed Project's perimeter.

- Terrain Characteristics. 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 receptors (i.e., residents and businesses).

AERMOD was used to estimate (a) annual average concentrations to calculate the Maximum Individual Cancer Risk (MICR), the maximum chronic HI, and the zones of impact, 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 at any one point in time, which would likely be lower. Actual pollutant concentrations are dependent on many variables, particularly the number and type of vehicles 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 benzene 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. 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 (µg/m^3) from air dispersion model
(BR/BW) = daily breathing rate normalized to body weight (L/kg bodyweight-day)
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 1: 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 1: 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]
Residential Exposure					
Third trimester	350	0.25	10	85%	361
0 to 2 years	350	2	10	85%	1,090
Ages 2 through 9 years	350	7	3	72%	631
Ages 9 through 16 years	350	7	3	72%	572
Ages 16 and greater	350	13.75	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 exposure duration is based on the OEHHA Manual) refer to OEHHA Manual Equation 8.2.4 A.
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) (95th percentile for 3rd trimester to 2 years and 80th 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-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:

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

Health Risk Computation

A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario and the daily breathing rates, age sensitivity factors, exposure duration, and fraction of time at home specified in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015). 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 health risks to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the diesel trucks accessing the proposed Project. The cancer and chronic health risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM). 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 (2015).

5.0 Potential Health Risk Impacts

Previous Significance Determination

The Final EIR determined that operational health risk impacts would be less than significant. Typical Sources of carcinogenic and chronically hazardous TACs mostly include DPM from delivery trucks. The Final EIR reported carcinogenic and chronic health risks for the Original Project based on the distance of sensitive receptors from the Original Project boundary[13] and does not separate the emissions from the fueling station. The Final EIR showed that carcinogenic health risk for residences 15 meters (49 feet) from truck activity areas would be 0.63 in one million, while residences 100 meters (328 feet) from truck activity areas would be 0.23 in one million, both of which are below the carcinogenic threshold of 10 in one million. The Final EIR also reported the chronic health risk as 0.00039 for residences 15 meters from truck activity areas and 0.00015 for residences 100 meters from truck activity areas, both are below the 1.0 chronic health index. As a result, the Final EIR determined that the Original Project would not result in any significant health impacts and no mitigation was required.

Proposed Project Analysis

Threshold (a) Expose sensitive receptors to substantial pollutant concentrations.

As with the Original Project, the proposed Project would include fuel delivery trucks which would generate DPM. However, this analysis also includes DPM emissions from construction equipment used during construction of the proposed Project, and TAC (benzene) emissions from the operation of the fueling station which were not included in the Final EIR analysis.

Cancer Risk

As noted above, based on the CARB *Air Quality and Land Use Handbook*, the Project would be considered a large gasoline dispensing facility with a fuel throughput of greater than 3.6 million gallons per year (the Project is anticipated to have a throughput of approximately 5 million gallons per year). Additionally, the dispensing facility would be located more than 300 feet from the property line adjacent to residential land uses and is expected to produce a risk of less than 10 according to the CAPCOA Gasoline Service Station Industry-wide Risk Assessment Guidelines.

The Project would be required to install vapor recovery systems per CARB's ATCM, comply with CARB's Vapor Recovery System Certification Procedure, and Use Enhanced Conventional (ECO) and Enhanced ORVR-Vehicle Recognition (EOR) nozzles, among others. The Project would also be required to comply with MDAQMD Rule 201 (Permit to Construct), Rule 203 (Permit to Operate), and Rule 461 (Gasoline Transfer and Dispensing). These regulations are required to reduce gas station emissions.

[13] Final EIR Yucca Valley Retail Specific Plan, 2008 Table 4.3.I, page 4.3-34.

Table 2: Risk Assessment Results shows that carcinogenic risk resulting from the proposed Project would not exceed the 10 in one million threshold. The calculations conservatively assume no cleaner technology with lower emissions in future years. **Table 2** shows that at the maximally exposed receptor, construction risk would be 0.17 in one million and operational risk would be 0.302 in one million. Worst-case worker exposure would also not exceed the 10 in one million threshold. Therefore, carcinogenic hazards are calculated to be within acceptable limits and impacts would be less than significant.

Table 2: Risk Assessment Results

Receptors	Cancer Risk (per million)[1, 2, 3]				
		Operations			Construction and Operations Combined
	Construction	Trucks	Fuel Dispensing Facility	Total Operations	
Residences					
Approximately 440 feet northeast	*0.13*	*0.002*	*0.26*	*0.262*	*0.392*
Approximately 462 feet northwest	0.17	0.002	0.30	0.302	0.472
Significance Threshold (Risk per Million)	*10*	*10*	*10*	*10*	*10*
Exceeds Significance Threshold?	**No**	**No**	**No**	**No**	**No**
Worker Exposure					
Approximately 118 feet east	0.09	*0.002*	0.99	0.992	1.092
Significance Threshold (Risk per Million)	*10*	*10*	*10*	*10*	*10*
Exceeds Significance Threshold?	**No**	**No**	**No**	**No**	**No**

1. The reported risk is at the closest receptor (maximally exposed individual receptor (MEIR)) for each exposure category.
2. Risk from construction and trucks is from PM_{10} and risk from the Gas Dispensing Facility is benzene.
3. The maximum cancer risk is based on worst-case exposure durations for the Project, 95th percentile breathing rates for less than two years old and 80th percentile for two years old and greater, and 30-, 25-, and 9-year averaging time for residences, workers, and students, respectively.

Refer to **Appendix A: HRA 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.

RELs are designed to protect sensitive individuals within the population. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[14] There is no acute REL for DPM and the acute health risk cannot be calculated. The chronic and acute REL for benzene is 3 and 27 respectively, and the target organ is the hematologic system.

Acute and chronic impacts are shown in **Table 3: Chronic and Acute Hazard Assessment Results**. An acute or chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the acute or chronic exposure by the reference exposure level. **Table 3** shows that non-carcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

Table 3: Chronic and Acute Hazards Assessment Results

Emissions Sources	Chronic Hazard	Acute Hazard
Residential Receptors		
Construction	0.000288	N/A
Trucks	0.000001	N/A
Gas Dispensing Facility	0.001809	0.00656
Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**
Worker Receptors		
Construction	0.001813	N/A
Trucks	0.000001	N/A
Gas Dispensing Facility	0.014545	0.015237
Threshold	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**
Refer to **Appendix A: HRA Modeling Data**.		

Mitigation Program

None identified in the Final EIR. No additional mitigation measures are required.

Conclusion

No new impacts relative to carcinogenic health risk or non-carcinogenic hazards evaluated in the Original Project Final EIR would occur with the development of the proposed Project. As described above, the proposed Project's carcinogenic risk would not exceed the MDAQMD's threshold of 10 in one million and non-carcinogenic hazards are also below the acceptable limits. It should be noted that the Final EIR did not analyze TAC emissions associated with the fueling station. However, consistent with the CARB *Gasoline Service Station Industrywide Risk Assessment Technical Guidance Manual* and *Gasoline Service Station Industrywide Risk Assessment Supplemental Policy*

[14] 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 December 2024.

Guidance Document, these emissions have been included in this health risk analysis. As noted previously, even with these additional sources of TACs the health risk remains below MDAQMD's thresholds.

There are no new potentially significant impacts associated with development of the proposed Project; therefore, no mitigation measures are required. Additionally, no new information of substantial importance that was not known and could not have been known at the time the Final EIR was certified is available that would alter the Final EIR's significance finding.

6.0 References

1. California Air Resources Board (CARB), *Air Quality and Land Use Handbook: A Community Health Perspective*, April 2005.
2. CARB, *EMFAC 2021 Web Database*, www.arb.ca.gov/emfac, accessed December 2024.
3. CARB, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance,* February 2022.
4. CARB, *Gasoline Service Station Industrywide Risk Assessment Supplemental Policy Guidance Document,* July 2022.
5. CARB, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed December 2024.
6. CARB, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.
7. California Office of Environmental Health Hazard Assessment (OEHHA), *Air Toxics Hot Spots Program Risk Assessment Guidance Manual for Preparation of Health Risk Assessments*, February 2015.
8. OEHHA, *Air Toxics Hot Spots Program Risk Assessment Guidelines*, August 2003.
9. OEHHA*, CalEnviroScreen 4.0 Results (2022 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed December 2024.
10. 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 November 2024.
11. City of Yucca Valley, Final Environmental Impact Report State Clearing House No. 2004071127: Yucca Valley Retail Specific Plan, March 2008.
12. Lakes Environmental, *AERMOD View Gaussian Plume Air Dispersion Model*, Version 12.0.0.
13. South Coast Air Quality Management District, *Meteorological Data for Dispersion Modeling*, https://www.aqmd.gov/home/air-quality/meteorological-data/aermod-table-, accessed December 2024.
14. 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.
15. 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.

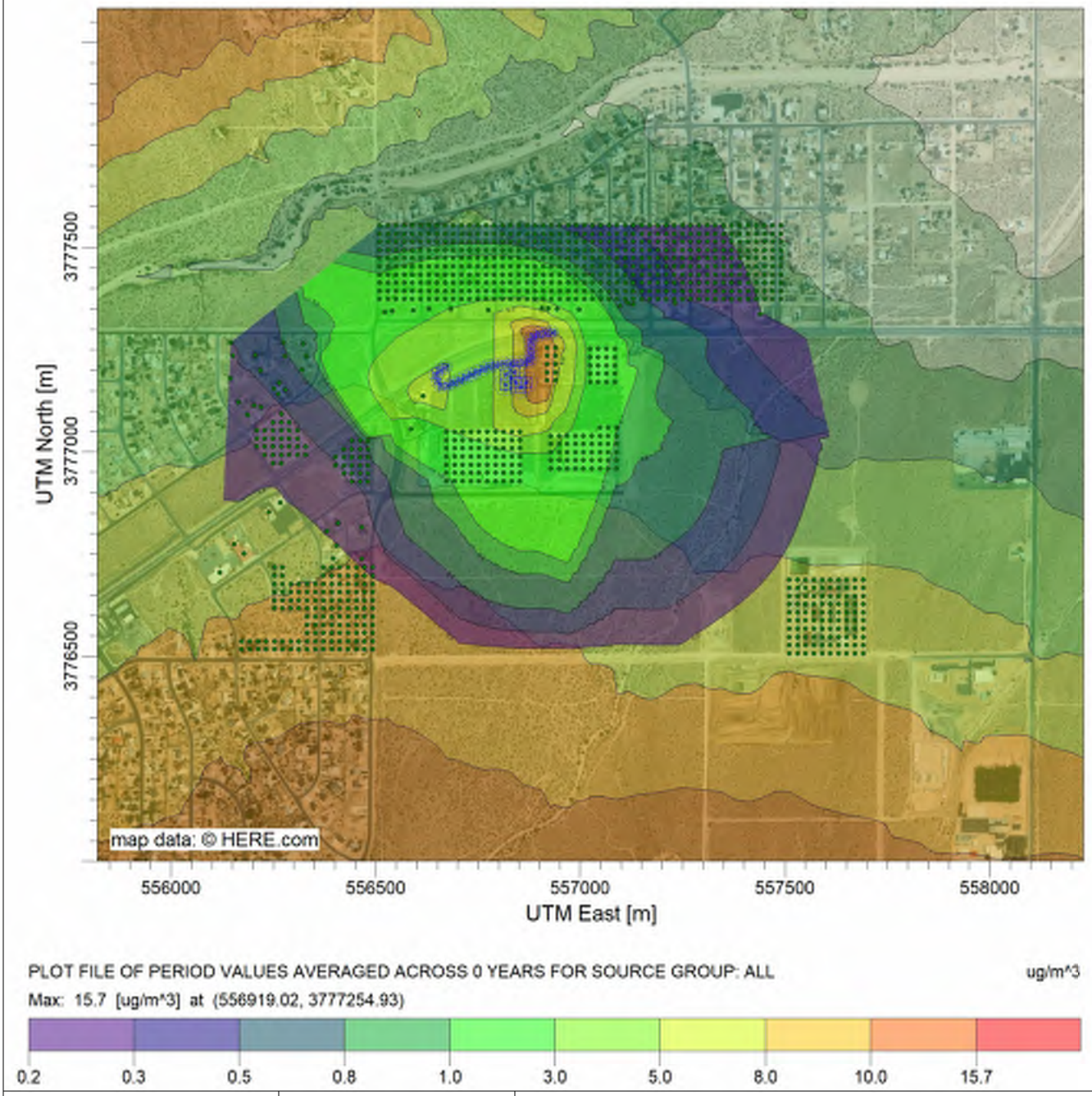
16. United States Environmental Protection Agency (U.S. EPA), *Exposure Factors Handbook: 2011 Edition*, September 2011.
17. United States Environmental Protection Agency (U.S. EPA), Potential to Emit Calculator for Gasoline Dispensing Facilities, https://www.epa.gov/sites/default/files/2016-06/gasolinedispensingcalculator032315.xlsx, accessed December 2024.

Appendix A

HRA Modeling Data

PROJECT TITLE:

Construction - Unitized Emissions



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL

ug/m^3

Max: 15.7 [ug/m^3] at (556919.02, 3777254.93)

COMMENTS:	SOURCES: **3**		
	RECEPTORS: **980**		
	OUTPUT TYPE: **Concentration**	SCALE: 1:15,151 0 0.5 km	
	MAX: **15.7 ug/m^3**		PROJECT NO.:

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/6/2025
** File:
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Const_PS\Yucca_Walmart_Fuel_Const_PS.
ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Yucca_Walmart_Fuel_Const_PS.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 Site Construction
** PREFIX
** Length of Side = 26.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 6
** 556817.802, 3777150.072, 977.86, 0.00, 12.09
** 556817.868, 3777193.832, 976.54, 0.00, 12.09
```

```
** 556840.687, 3777193.661, 976.54, 0.00, 12.09
** 556841.634, 3777156.590, 977.71, 0.00, 12.09
** 556868.989, 3777158.117, 977.47, 0.00, 12.09
** 556867.348, 3777195.323, 976.41, 0.00, 12.09
** ----------------------------------------------------------------------
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   LOCATION L0000002     VOLUME   556817.861 3777189.072 976.74
   LOCATION L0000003     VOLUME   556839.107 3777193.673 976.62
   LOCATION L0000004     VOLUME   556841.310 3777169.249 977.33
   LOCATION L0000005     VOLUME   556854.949 3777157.333 977.60
   LOCATION L0000006     VOLUME   556868.463 3777170.043 977.12
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** ----------------------------------------------------------------------
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** LINE VOLUME Source ID = SLINE2
** DESCRSRC Construction Trucks In
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.455733
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 10
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** 556891.071, 3777286.325, 972.32, 3.15, 7.44
** 556885.633, 3777283.766, 972.47, 3.15, 7.44
** 556878.916, 3777274.810, 971.92, 3.15, 7.44
** 556878.596, 3777266.814, 971.89, 3.15, 7.44
** 556880.515, 3777227.791, 973.08, 3.15, 7.44
** 556877.317, 3777222.353, 972.96, 3.15, 7.44
** 556869.960, 3777218.515, 973.24, 3.15, 7.44
** 556816.863, 3777216.596, 975.89, 3.15, 7.44
** 556809.186, 3777215.636, 975.95, 3.15, 7.44
** ----------------------------------------------------------------------
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   LOCATION L0000060     VOLUME   556915.521 3777289.078 972.38
   LOCATION L0000061     VOLUME   556899.621 3777287.288 972.64
   LOCATION L0000062     VOLUME   556884.801 3777282.658 972.71
   LOCATION L0000063     VOLUME   556878.669 3777268.624 971.84
   LOCATION L0000064     VOLUME   556879.293 3777252.643 971.97
   LOCATION L0000065     VOLUME   556880.079 3777236.662 972.44
   LOCATION L0000066     VOLUME   556876.599 3777221.979 972.95
   LOCATION L0000067     VOLUME   556861.454 3777218.207 973.47
   LOCATION L0000068     VOLUME   556845.465 3777217.629 974.69
   LOCATION L0000069     VOLUME   556829.475 3777217.052 975.66
   LOCATION L0000070     VOLUME   556813.509 3777216.176 975.95
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** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
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** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.544267
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 10
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** 556782.638, 3777211.478, 976.21, 3.15, 7.44
** 556700.754, 3777172.775, 977.37, 3.15, 7.44
** 556673.246, 3777161.260, 977.66, 3.15, 7.44
** 556661.731, 3777158.701, 977.81, 3.15, 7.44
** 556650.535, 3777174.694, 977.12, 3.15, 7.44
** 556646.377, 3777184.610, 977.26, 3.15, 7.44
** 556648.296, 3777193.566, 977.48, 3.15, 7.44
** 556656.613, 3777199.643, 977.06, 3.15, 7.44
** 556678.683, 3777210.198, 976.85, 3.15, 7.44
** ----------------------------------------------------------------
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   LOCATION L0000046     VOLUME   556777.775 3777209.179 976.26
   LOCATION L0000047     VOLUME   556763.309 3777202.342 976.52
   LOCATION L0000048     VOLUME   556748.843 3777195.505 976.73
   LOCATION L0000049     VOLUME   556734.378 3777188.668 976.91
   LOCATION L0000050     VOLUME   556719.912 3777181.830 977.11
   LOCATION L0000051     VOLUME   556705.447 3777174.993 977.31
   LOCATION L0000052     VOLUME   556690.783 3777168.601 977.45
   LOCATION L0000053     VOLUME   556676.024 3777162.423 977.67
   LOCATION L0000054     VOLUME   556661.047 3777159.677 977.71
   LOCATION L0000055     VOLUME   556651.872 3777172.785 977.25
   LOCATION L0000056     VOLUME   556646.989 3777187.463 977.21
   LOCATION L0000057     VOLUME   556656.175 3777199.323 977.21
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** Source Parameters **
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   SRCPARAM L0000003     0.1666666667      0.00     12.09      3.56
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   SRCPARAM L0000060     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000061     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000062     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000063     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000064     0.03797775      3.15      7.44      2.93
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   SRCPARAM L0000065     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000066     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000067     0.03797775      3.15      7.44      2.93
   SRCPARAM L0000068     0.03797775      3.15      7.44      2.93
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   SRCPARAM L0000048     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000049     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000050     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000051     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000052     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000053     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000054     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000055     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000056     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000057     0.0388762143      3.15      7.44      2.93
   SRCPARAM L0000058     0.0388762143      3.15      7.44      2.93
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000006     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000059     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000060     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000061     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000062     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000063     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000064     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000065     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000066     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000067     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000068     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000069     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000070     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** Sunday:
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000045     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000046     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000047     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000048     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000049     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000050     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000051     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000052     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000053     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000054     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000055     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000056     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
```

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   EMISFACT L0000057     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000058     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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```
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Onsite   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP Offsite  L0000059 L0000060 L0000061 L0000062 L0000063 L0000064
   SRCGROUP Offsite  L0000065 L0000066 L0000067 L0000068 L0000069 L0000070
   SRCGROUP Offsite  L0000045 L0000046 L0000047 L0000048 L0000049 L0000050
   SRCGROUP Offsite  L0000051 L0000052 L0000053 L0000054 L0000055 L0000056
   SRCGROUP Offsite  L0000057 L0000058
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Yucca_Walmart_Fuel_Const_PS.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\kpsp_sfc_pfl\KPSP_V11_trimmed.sfc
   PROFFILE ..\kpsp_sfc_pfl\KPSP_V11_trimmed.pfl
   SURFDATA 93138 2018 33.63 -116.16
   UAIRDATA 3190 2018
   PROFBASE 125.0 METERS
ME FINISHED
```

```
**
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST YUCCA_WALMART_FUEL_CONST_PS.AD\01H1GALL.PLT 31
   PLOTFILE 1 Onsite 1ST YUCCA_WALMART_FUEL_CONST_PS.AD\01H1G001.PLT 32
   PLOTFILE 1 Offsite 1ST YUCCA_WALMART_FUEL_CONST_PS.AD\01H1G002.PLT 33
   PLOTFILE PERIOD ALL YUCCA_WALMART_FUEL_CONST_PS.AD\PE00GALL.PLT 34
   PLOTFILE PERIOD Onsite YUCCA_WALMART_FUEL_CONST_PS.AD\PE00G001.PLT 35
   PLOTFILE PERIOD Offsite YUCCA_WALMART_FUEL_CONST_PS.AD\PE00G002.PLT 36
   SUMMFILE Yucca_Walmart_Fuel_Const_PS.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     598       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     598       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20

                                 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    32 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  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:     32 Source(s);       3 Source Group(s); and     980
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     32 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) =   125.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                             ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Yucca_Walmart_Fuel_Const_PS.err

 **File for Summary of Results:   Yucca_Walmart_Fuel_Const_PS.sum

 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - -

L0000001	0	0.16667E+00	556817.8	3777163.1	977.5	0.00	12.09	3.56	YES	HRDOW	NO
L0000002	0	0.16667E+00	556817.9	3777189.1	976.7	0.00	12.09	3.56	YES	HRDOW	NO
L0000003	0	0.16667E+00	556839.1	3777193.7	976.6	0.00	12.09	3.56	YES	HRDOW	NO
L0000004	0	0.16667E+00	556841.3	3777169.2	977.3	0.00	12.09	3.56	YES	HRDOW	NO
L0000005	0	0.16667E+00	556854.9	3777157.3	977.6	0.00	12.09	3.56	YES	HRDOW	NO
L0000006	0	0.16667E+00	556868.5	3777170.0	977.1	0.00	12.09	3.56	YES	HRDOW	NO
L0000059	0	0.37978E-01	556931.4	3777290.9	972.2	3.15	7.44	2.93	YES	HRDOW	NO
L0000060	0	0.37978E-01	556915.5	3777289.1	972.4	3.15	7.44	2.93	YES	HRDOW	NO
L0000061	0	0.37978E-01	556899.6	3777287.3	972.6	3.15	7.44	2.93	YES	HRDOW	NO
L0000062	0	0.37978E-01	556884.8	3777282.7	972.7	3.15	7.44	2.93	YES	HRDOW	NO
L0000063	0	0.37978E-01	556878.7	3777268.6	971.8	3.15	7.44	2.93	YES	HRDOW	NO
L0000064	0	0.37978E-01	556879.3	3777252.6	972.0	3.15	7.44	2.93	YES	HRDOW	NO
L0000065	0	0.37978E-01	556880.1	3777236.7	972.4	3.15	7.44	2.93	YES	HRDOW	NO
L0000066	0	0.37978E-01	556876.6	3777222.0	972.9	3.15	7.44	2.93	YES	HRDOW	NO
L0000067	0	0.37978E-01	556861.5	3777218.2	973.5	3.15	7.44	2.93	YES	HRDOW	NO
L0000068	0	0.37978E-01	556845.5	3777217.6	974.7	3.15	7.44	2.93	YES	HRDOW	NO
L0000069	0	0.37978E-01	556829.5	3777217.1	975.7	3.15	7.44	2.93	YES	HRDOW	NO
L0000070	0	0.37978E-01	556813.5	3777216.2	975.9	3.15	7.44	2.93	YES	HRDOW	NO
L0000045	0	0.38876E-01	556793.2	3777212.4	976.2	3.15	7.44	2.93	YES	HRDOW	NO
L0000046	0	0.38876E-01	556777.8	3777209.2	976.3	3.15	7.44	2.93	YES	HRDOW	NO
L0000047	0	0.38876E-01	556763.3	3777202.3	976.5	3.15	7.44	2.93	YES	HRDOW	NO
L0000048	0	0.38876E-01	556748.8	3777195.5	976.7	3.15	7.44	2.93	YES	HRDOW	NO
L0000049	0	0.38876E-01	556734.4	3777188.7	976.9	3.15	7.44	2.93	YES	HRDOW	NO
L0000050	0	0.38876E-01	556719.9	3777181.8	977.1	3.15	7.44	2.93	YES	HRDOW	NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ONSITE	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,
OFFSITE	L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 ,
	L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 ,
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000059 , L0000060 ,
	L0000061 , L0000062 , L0000063 , L0000064 , L0000065 ,

L0000066   , L0000067   , L0000068   ,

             L0000069   , L0000070   , L0000045   , L0000046   , L0000047   ,
L0000048   , L0000049   , L0000050   ,

             L0000051   , L0000052   , L0000053   , L0000054   , L0000055   ,
L0000056   , L0000057   , L0000058   ,

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

  URBAN ID   URBAN POP   SOURCE IDs
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              2035210.   L0000001   , L0000002   , L0000003   , L0000004   ,
L0000005   , L0000006   , L0000059   ,
 L0000060   ,

             L0000061   , L0000062   , L0000063   , L0000064   , L0000065   ,
L0000066   , L0000067   , L0000068   ,

             L0000069   , L0000070   , L0000045   , L0000046   , L0000047   ,
L0000048   , L0000049   , L0000050   ,

             L0000051   , L0000052   , L0000053   , L0000054   , L0000055   ,
L0000056   , L0000057   , L0000058   ,

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

 SOURCE ID = L0000001   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

```
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   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 = L0000003   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 = L0000004 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	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 = L0000005     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000006     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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
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 = L0000059 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

 SOURCE ID = L0000060   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 = L0000061   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 = L0000062   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   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 = L0000063 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

 SOURCE ID = L0000064   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 ID = L0000065   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000067     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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
```

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

 SOURCE ID = L0000068   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 = L0000069 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	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 = L0000070 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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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  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000045     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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
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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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000046     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000047 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	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 = L0000048 ; SOURCE TYPE = VOLUME :

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

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000049     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   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 = L0000050   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

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

 SOURCE ID = L0000051   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 = L0000052   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   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 = L0000054   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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 = L0000055 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	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) *

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 SOURCE ID = L0000056     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000057     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000058   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   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

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

(556521.7, 3777341.6, 974.8, 974.8, 0.0); (556539.9, 3777344.9, 974.6, 974.6, 0.0);
(556591.8, 3777345.4, 974.7, 974.7, 0.0); (556630.6, 3777349.7, 974.5, 974.5, 0.0);
(556684.3, 3777349.4, 974.0, 974.0, 0.0); (556905.6, 3777351.2, 972.5, 972.5, 0.0);
(556920.9, 3777350.8, 972.0, 972.0, 0.0); (556942.9, 3777350.1, 971.7, 971.7, 0.0);
(556996.3, 3777348.3, 971.4, 971.4, 0.0); (557096.8, 3777357.8, 968.8, 968.8, 0.0);
(557115.8, 3777363.6, 968.3, 968.3, 0.0); (557129.4, 3777361.4, 967.9, 967.9, 0.0);
(557230.7, 3777364.0, 966.6, 966.6, 0.0); (556466.2, 3776816.1, 988.3, 988.3, 0.0);
(556407.9, 3776826.2, 987.6, 987.6, 0.0); (556381.1, 3776807.1, 987.6, 987.6, 0.0);
(556404.3, 3776771.5, 988.7, 988.7, 0.0); (556465.2, 3776739.5, 990.3, 990.3, 0.0);
(556396.1, 3776739.9, 989.3, 989.3, 0.0); (556324.0, 3777265.4, 977.0, 977.0, 0.0);
(556330.6, 3777234.0, 977.5, 977.5, 0.0); (556321.1, 3777200.4, 978.2, 978.2, 0.0);
(556275.1, 3777267.8, 976.2, 976.2, 0.0); (556278.3, 3777233.5, 977.0, 977.0, 0.0);
(556509.4, 3777373.4, 974.1, 974.1, 0.0); (556529.4, 3777373.4, 973.9, 973.9, 0.0);
(556549.4, 3777373.4, 973.9, 973.9, 0.0); (556569.4, 3777373.4, 973.7, 973.7, 0.0);
(556589.4, 3777373.4, 973.8, 973.8, 0.0); (556609.4, 3777373.4, 973.7, 973.7, 0.0);
(556629.4, 3777373.4, 973.7, 973.7, 0.0); (556649.4, 3777373.4, 973.5, 973.5, 0.0);
(556669.4, 3777373.4, 973.5, 973.5, 0.0); (556689.4, 3777373.4, 973.7, 973.7, 0.0);
(556709.4, 3777373.4, 973.8, 973.8, 0.0); (556729.4,

3777373.4,   973.8,   973.8,   0.0);
     (556749.4, 3777373.4,   973.9,   973.9,   0.0);   (556769.4,
3777373.4,   973.6,   973.6,   0.0);
     (556789.4, 3777373.4,   973.3,   973.3,   0.0);   (556809.4,
3777373.4,   973.3,   973.3,   0.0);
     (556829.4, 3777373.4,   973.1,   973.1,   0.0);   (556849.4,
3777373.4,   972.8,   972.8,   0.0);
     (556869.4, 3777373.4,   972.6,   972.6,   0.0);   (556889.4,
3777373.4,   972.2,   972.2,   0.0);
     (556909.4, 3777373.4,   971.8,   971.8,   0.0);   (556929.4,
3777373.4,   971.3,   971.3,   0.0);
     (556949.4, 3777373.4,   971.0,   971.0,   0.0);   (556969.4,
3777373.4,   970.9,   970.9,   0.0);
     (556989.4, 3777373.4,   970.6,   970.6,   0.0);   (557009.4,
3777373.4,   970.3,   970.3,   0.0);
     (557029.4, 3777373.4,   970.2,   970.2,   0.0);   (557049.4,
3777373.4,   969.8,   969.8,   0.0);
     (557069.4, 3777373.4,   969.2,   969.2,   0.0);   (557089.4,
3777373.4,   968.7,   968.7,   0.0);
     (557109.4, 3777373.4,   968.2,   968.2,   0.0);   (557129.4,
3777373.4,   967.7,   967.7,   0.0);
     (557149.4, 3777373.4,   967.3,   967.3,   0.0);   (557169.4,
3777373.4,   967.0,   967.0,   0.0);
     (557189.4, 3777373.4,   966.9,   966.9,   0.0);   (557209.4,
3777373.4,   966.8,   966.8,   0.0);
     (557229.4, 3777373.4,   966.5,   966.5,   0.0);   (557249.4,
3777373.4,   966.1,   966.1,   0.0);
     (557269.4, 3777373.4,   965.7,   965.7,   0.0);   (557289.4,
3777373.4,   965.5,   965.5,   0.0);
     (557309.4, 3777373.4,   965.4,   965.4,   0.0);   (557329.4,
3777373.4,   964.8,   964.8,   0.0);
     (557349.4, 3777373.4,   964.8,   964.8,   0.0);   (557369.4,
3777373.4,   964.5,   964.5,   0.0);
     (557389.4, 3777373.4,   964.1,   964.1,   0.0);   (557409.4,
3777373.4,   963.8,   963.8,   0.0);
     (557429.4, 3777373.4,   963.2,   963.2,   0.0);   (557449.4,
3777373.4,   962.9,   962.9,   0.0);
     (557469.4, 3777373.4,   962.4,   962.4,   0.0);   (557489.4,
3777373.4,   961.3,   961.3,   0.0);
     (556509.4, 3777393.4,   973.6,   973.6,   0.0);   (556529.4,
3777393.4,   973.4,   973.4,   0.0);
     (556549.4, 3777393.4,   973.3,   973.3,   0.0);   (556569.4,
3777393.4,   973.1,   973.1,   0.0);
     (556589.4, 3777393.4,   973.3,   973.3,   0.0);   (556609.4,
3777393.4,   973.3,   973.3,   0.0);
     (556629.4, 3777393.4,   973.4,   973.4,   0.0);   (556649.4,
3777393.4,   973.2,   973.2,   0.0);
     (556669.4, 3777393.4,   973.0,   973.0,   0.0);   (556689.4,
3777393.4,   973.0,   973.0,   0.0);
     (556709.4, 3777393.4,   973.3,   973.3,   0.0);   (556729.4,

3777393.4,   973.3,   973.3,   0.0);
     (556749.4, 3777393.4,   973.5,   973.5,   0.0);   (556769.4,
3777393.4,   973.3,   973.3,   0.0);
     (556789.4, 3777393.4,   972.9,   972.9,   0.0);   (556809.4,
3777393.4,   972.8,   972.8,   0.0);

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

     (556829.4, 3777393.4,   972.6,   972.6,   0.0);   (556849.4,
3777393.4,   972.0,   972.0,   0.0);
     (556869.4, 3777393.4,   971.7,   971.7,   0.0);   (556889.4,
3777393.4,   971.7,   971.7,   0.0);
     (556909.4, 3777393.4,   971.2,   971.2,   0.0);   (556929.4,
3777393.4,   971.0,   971.0,   0.0);
     (556949.4, 3777393.4,   970.4,   970.4,   0.0);   (556969.4,
3777393.4,   970.3,   970.3,   0.0);
     (556989.4, 3777393.4,   970.2,   970.2,   0.0);   (557009.4,
3777393.4,   970.1,   970.1,   0.0);
     (557029.4, 3777393.4,   969.7,   969.7,   0.0);   (557049.4,
3777393.4,   969.4,   969.4,   0.0);
     (557069.4, 3777393.4,   969.0,   969.0,   0.0);   (557089.4,
3777393.4,   968.6,   968.6,   0.0);
     (557109.4, 3777393.4,   968.2,   968.2,   0.0);   (557129.4,
3777393.4,   967.5,   967.5,   0.0);
     (557149.4, 3777393.4,   967.2,   967.2,   0.0);   (557169.4,
3777393.4,   966.6,   966.6,   0.0);
     (557189.4, 3777393.4,   966.2,   966.2,   0.0);   (557209.4,
3777393.4,   966.2,   966.2,   0.0);
     (557229.4, 3777393.4,   966.2,   966.2,   0.0);   (557249.4,
3777393.4,   965.8,   965.8,   0.0);
     (557269.4, 3777393.4,   965.5,   965.5,   0.0);   (557289.4,
3777393.4,   965.1,   965.1,   0.0);
     (557309.4, 3777393.4,   964.4,   964.4,   0.0);   (557329.4,
3777393.4,   964.5,   964.5,   0.0);
     (557349.4, 3777393.4,   964.2,   964.2,   0.0);   (557369.4,
3777393.4,   964.1,   964.1,   0.0);
     (557389.4, 3777393.4,   963.9,   963.9,   0.0);   (557409.4,
3777393.4,   963.4,   963.4,   0.0);
     (557429.4, 3777393.4,   963.0,   963.0,   0.0);   (557449.4,
3777393.4,   962.8,   962.8,   0.0);

```
     ( 557469.4, 3777393.4,     962.1,     962.1,       0.0);         ( 557489.4,
3777393.4,     961.1,     961.1,       0.0);
     ( 556509.4, 3777413.4,     973.0,     973.0,       0.0);         ( 556529.4,
3777413.4,     973.0,     973.0,       0.0);
     ( 556549.4, 3777413.4,     973.0,     973.0,       0.0);         ( 556569.4,
3777413.4,     973.1,     973.1,       0.0);
     ( 556589.4, 3777413.4,     973.1,     973.1,       0.0);         ( 556609.4,
3777413.4,     973.1,     973.1,       0.0);
     ( 556629.4, 3777413.4,     973.1,     973.1,       0.0);         ( 556649.4,
3777413.4,     972.8,     972.8,       0.0);
     ( 556669.4, 3777413.4,     972.8,     972.8,       0.0);         ( 556689.4,
3777413.4,     972.8,     972.8,       0.0);
     ( 556709.4, 3777413.4,     973.0,     973.0,       0.0);         ( 556729.4,
3777413.4,     973.0,     973.0,       0.0);
     ( 556749.4, 3777413.4,     972.8,     972.8,       0.0);         ( 556769.4,
3777413.4,     973.0,     973.0,       0.0);
     ( 556789.4, 3777413.4,     972.6,     972.6,       0.0);         ( 556809.4,
3777413.4,     972.5,     972.5,       0.0);
     ( 556829.4, 3777413.4,     972.1,     972.1,       0.0);         ( 556849.4,
3777413.4,     971.6,     971.6,       0.0);
     ( 556869.4, 3777413.4,     971.6,     971.6,       0.0);         ( 556889.4,
3777413.4,     971.2,     971.2,       0.0);
     ( 556909.4, 3777413.4,     970.9,     970.9,       0.0);         ( 556929.4,
3777413.4,     970.9,     970.9,       0.0);
     ( 556949.4, 3777413.4,     970.1,     970.1,       0.0);         ( 556969.4,
3777413.4,     969.8,     969.8,       0.0);
     ( 556989.4, 3777413.4,     969.5,     969.5,       0.0);         ( 557009.4,
3777413.4,     969.5,     969.5,       0.0);
     ( 557029.4, 3777413.4,     969.2,     969.2,       0.0);         ( 557049.4,
3777413.4,     969.0,     969.0,       0.0);
     ( 557069.4, 3777413.4,     968.7,     968.7,       0.0);         ( 557089.4,
3777413.4,     968.3,     968.3,       0.0);
     ( 557109.4, 3777413.4,     968.1,     968.1,       0.0);         ( 557129.4,
3777413.4,     967.2,     967.2,       0.0);
     ( 557149.4, 3777413.4,     967.1,     967.1,       0.0);         ( 557169.4,
3777413.4,     966.4,     966.4,       0.0);
     ( 557189.4, 3777413.4,     966.1,     966.1,       0.0);         ( 557209.4,
3777413.4,     966.0,     966.0,       0.0);
     ( 557229.4, 3777413.4,     965.6,     965.6,       0.0);         ( 557249.4,
3777413.4,     965.3,     965.3,       0.0);
     ( 557269.4, 3777413.4,     965.1,     965.1,       0.0);         ( 557289.4,
3777413.4,     964.8,     964.8,       0.0);
     ( 557309.4, 3777413.4,     964.5,     964.5,       0.0);         ( 557329.4,
3777413.4,     964.0,     964.0,       0.0);
     ( 557349.4, 3777413.4,     964.0,     964.0,       0.0);         ( 557369.4,
3777413.4,     963.5,     963.5,       0.0);
     ( 557389.4, 3777413.4,     963.4,     963.4,       0.0);         ( 557409.4,
3777413.4,     963.3,     963.3,       0.0);
     ( 557429.4, 3777413.4,     962.5,     962.5,       0.0);         ( 557449.4,
3777413.4,     962.2,     962.2,       0.0);
```

(557469.4, 3777413.4, 962.1, 962.1, 0.0); (557489.4, 3777413.4, 961.3, 961.3, 0.0);
(556509.4, 3777433.4, 972.6, 972.6, 0.0); (556529.4, 3777433.4, 972.6, 972.6, 0.0);
(556549.4, 3777433.4, 972.5, 972.5, 0.0); (556569.4, 3777433.4, 972.5, 972.5, 0.0);
(556589.4, 3777433.4, 972.7, 972.7, 0.0); (556609.4, 3777433.4, 972.8, 972.8, 0.0);

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

(556629.4, 3777433.4, 972.8, 972.8, 0.0); (556649.4, 3777433.4, 972.7, 972.7, 0.0);
(556669.4, 3777433.4, 972.6, 972.6, 0.0); (556689.4, 3777433.4, 972.8, 972.8, 0.0);
(556709.4, 3777433.4, 972.8, 972.8, 0.0); (556729.4, 3777433.4, 972.9, 972.9, 0.0);
(556749.4, 3777433.4, 972.6, 972.6, 0.0); (556769.4, 3777433.4, 972.8, 972.8, 0.0);
(556789.4, 3777433.4, 972.4, 972.4, 0.0); (556809.4, 3777433.4, 972.0, 972.0, 0.0);
(556829.4, 3777433.4, 971.6, 971.6, 0.0); (556849.4, 3777433.4, 971.0, 971.0, 0.0);
(556869.4, 3777433.4, 970.9, 970.9, 0.0); (556889.4, 3777433.4, 970.7, 970.7, 0.0);
(556909.4, 3777433.4, 970.5, 970.5, 0.0); (556929.4, 3777433.4, 970.2, 970.2, 0.0);
(556949.4, 3777433.4, 969.9, 969.9, 0.0); (556969.4, 3777433.4, 969.3, 969.3, 0.0);
(556989.4, 3777433.4, 968.9, 968.9, 0.0); (557009.4, 3777433.4, 969.1, 969.1, 0.0);
(557029.4, 3777433.4, 968.9, 968.9, 0.0); (557049.4, 3777433.4, 968.8, 968.8, 0.0);
(557069.4, 3777433.4, 968.4, 968.4, 0.0); (557089.4, 3777433.4, 968.0, 968.0, 0.0);
(557109.4, 3777433.4, 967.8, 967.8, 0.0); (557129.4, 3777433.4, 967.1, 967.1, 0.0);
(557149.4, 3777433.4, 966.8, 966.8, 0.0); (557169.4, 3777433.4, 966.1, 966.1, 0.0);
(557189.4, 3777433.4, 965.8, 965.8, 0.0); (557209.4,

3777433.4,   965.6,   965.6,   0.0);
     (557229.4, 3777433.4,   965.0,   965.0,   0.0);   (557249.4,
3777433.4,   965.0,   965.0,   0.0);
     (557269.4, 3777433.4,   964.7,   964.7,   0.0);   (557289.4,
3777433.4,   964.2,   964.2,   0.0);
     (557309.4, 3777433.4,   964.3,   964.3,   0.0);   (557329.4,
3777433.4,   963.7,   963.7,   0.0);
     (557349.4, 3777433.4,   962.9,   962.9,   0.0);   (557369.4,
3777433.4,   962.7,   962.7,   0.0);
     (557389.4, 3777433.4,   963.2,   963.2,   0.0);   (557409.4,
3777433.4,   963.2,   963.2,   0.0);
     (557429.4, 3777433.4,   962.2,   962.2,   0.0);   (557449.4,
3777433.4,   961.9,   961.9,   0.0);
     (557469.4, 3777433.4,   961.5,   961.5,   0.0);   (557489.4,
3777433.4,   961.1,   961.1,   0.0);
     (556509.4, 3777453.4,   972.2,   972.2,   0.0);   (556529.4,
3777453.4,   972.2,   972.2,   0.0);
     (556549.4, 3777453.4,   972.3,   972.3,   0.0);   (556569.4,
3777453.4,   972.2,   972.2,   0.0);
     (556589.4, 3777453.4,   972.3,   972.3,   0.0);   (556609.4,
3777453.4,   972.3,   972.3,   0.0);
     (556629.4, 3777453.4,   972.5,   972.5,   0.0);   (556649.4,
3777453.4,   972.5,   972.5,   0.0);
     (556669.4, 3777453.4,   972.4,   972.4,   0.0);   (556689.4,
3777453.4,   972.4,   972.4,   0.0);
     (556709.4, 3777453.4,   972.4,   972.4,   0.0);   (556729.4,
3777453.4,   972.6,   972.6,   0.0);
     (556749.4, 3777453.4,   972.6,   972.6,   0.0);   (556769.4,
3777453.4,   972.4,   972.4,   0.0);
     (556789.4, 3777453.4,   972.0,   972.0,   0.0);   (556809.4,
3777453.4,   971.6,   971.6,   0.0);
     (556829.4, 3777453.4,   971.4,   971.4,   0.0);   (556849.4,
3777453.4,   970.9,   970.9,   0.0);
     (556869.4, 3777453.4,   970.8,   970.8,   0.0);   (556889.4,
3777453.4,   970.2,   970.2,   0.0);
     (556909.4, 3777453.4,   970.1,   970.1,   0.0);   (556929.4,
3777453.4,   969.5,   969.5,   0.0);
     (556949.4, 3777453.4,   969.3,   969.3,   0.0);   (556969.4,
3777453.4,   968.9,   968.9,   0.0);
     (556989.4, 3777453.4,   968.5,   968.5,   0.0);   (557009.4,
3777453.4,   968.1,   968.1,   0.0);
     (557029.4, 3777453.4,   968.0,   968.0,   0.0);   (557049.4,
3777453.4,   967.9,   967.9,   0.0);
     (557069.4, 3777453.4,   967.9,   967.9,   0.0);   (557089.4,
3777453.4,   967.7,   967.7,   0.0);
     (557109.4, 3777453.4,   967.5,   967.5,   0.0);   (557129.4,
3777453.4,   967.0,   967.0,   0.0);
     (557149.4, 3777453.4,   966.7,   966.7,   0.0);   (557169.4,
3777453.4,   965.8,   965.8,   0.0);
     (557189.4, 3777453.4,   965.4,   965.4,   0.0);   (557209.4,

3777453.4,   965.3,   965.3,   0.0);
     (557229.4, 3777453.4,   964.7,   964.7,   0.0);   (557249.4,
3777453.4,   964.7,   964.7,   0.0);
     (557269.4, 3777453.4,   964.3,   964.3,   0.0);   (557289.4,
3777453.4,   963.9,   963.9,   0.0);
     (557309.4, 3777453.4,   963.8,   963.8,   0.0);   (557329.4,
3777453.4,   963.5,   963.5,   0.0);
     (557349.4, 3777453.4,   963.2,   963.2,   0.0);   (557369.4,
3777453.4,   962.4,   962.4,   0.0);
     (557389.4, 3777453.4,   962.3,   962.9,   0.0);   (557409.4,
3777453.4,   962.6,   962.6,   0.0);

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

     (557429.4, 3777453.4,   962.3,   962.3,   0.0);   (557449.4,
3777453.4,   961.9,   961.9,   0.0);
     (557469.4, 3777453.4,   961.4,   961.4,   0.0);   (557489.4,
3777453.4,   960.7,   960.7,   0.0);
     (556509.4, 3777473.4,   971.8,   971.8,   0.0);   (556529.4,
3777473.4,   971.6,   971.6,   0.0);
     (556549.4, 3777473.4,   971.6,   971.6,   0.0);   (556569.4,
3777473.4,   971.9,   971.9,   0.0);
     (556589.4, 3777473.4,   971.8,   971.8,   0.0);   (556609.4,
3777473.4,   971.8,   971.8,   0.0);
     (556629.4, 3777473.4,   971.9,   971.9,   0.0);   (556649.4,
3777473.4,   972.0,   972.0,   0.0);
     (556669.4, 3777473.4,   972.0,   972.0,   0.0);   (556689.4,
3777473.4,   971.9,   971.9,   0.0);
     (556709.4, 3777473.4,   972.0,   972.0,   0.0);   (556729.4,
3777473.4,   972.3,   972.3,   0.0);
     (556749.4, 3777473.4,   972.1,   972.1,   0.0);   (556769.4,
3777473.4,   972.0,   972.0,   0.0);
     (556789.4, 3777473.4,   971.5,   971.5,   0.0);   (556809.4,
3777473.4,   971.2,   971.2,   0.0);
     (556829.4, 3777473.4,   970.9,   970.9,   0.0);   (556849.4,
3777473.4,   970.7,   970.7,   0.0);
     (556869.4, 3777473.4,   970.5,   970.5,   0.0);   (556889.4,
3777473.4,   969.8,   969.8,   0.0);
     (556909.4, 3777473.4,   969.7,   969.7,   0.0);   (556929.4,
3777473.4,   969.4,   969.4,   0.0);

```
     ( 556949.4, 3777473.4,     969.1,     969.1,       0.0);         ( 556969.4,
3777473.4,     968.7,     968.7,       0.0);
     ( 556989.4, 3777473.4,     968.3,     968.3,       0.0);         ( 557009.4,
3777473.4,     968.0,     968.0,       0.0);
     ( 557029.4, 3777473.4,     967.8,     967.8,       0.0);         ( 557049.4,
3777473.4,     967.5,     967.5,       0.0);
     ( 557069.4, 3777473.4,     967.6,     967.6,       0.0);         ( 557089.4,
3777473.4,     967.3,     967.3,       0.0);
     ( 557109.4, 3777473.4,     967.2,     967.2,       0.0);         ( 557129.4,
3777473.4,     966.6,     966.6,       0.0);
     ( 557149.4, 3777473.4,     966.5,     966.5,       0.0);         ( 557169.4,
3777473.4,     965.6,     965.6,       0.0);
     ( 557189.4, 3777473.4,     965.2,     965.2,       0.0);         ( 557209.4,
3777473.4,     964.9,     964.9,       0.0);
     ( 557229.4, 3777473.4,     964.4,     964.4,       0.0);         ( 557249.4,
3777473.4,     964.4,     964.4,       0.0);
     ( 557269.4, 3777473.4,     963.9,     963.9,       0.0);         ( 557289.4,
3777473.4,     963.5,     963.5,       0.0);
     ( 557309.4, 3777473.4,     963.4,     963.4,       0.0);         ( 557329.4,
3777473.4,     963.2,     963.2,       0.0);
     ( 557349.4, 3777473.4,     962.9,     962.9,       0.0);         ( 557369.4,
3777473.4,     962.6,     962.6,       0.0);
     ( 557389.4, 3777473.4,     962.1,     962.1,       0.0);         ( 557409.4,
3777473.4,     962.1,     962.1,       0.0);
     ( 557429.4, 3777473.4,     961.6,     961.6,       0.0);         ( 557449.4,
3777473.4,     961.8,     961.8,       0.0);
     ( 557469.4, 3777473.4,     961.3,     961.3,       0.0);         ( 557489.4,
3777473.4,     960.7,     960.7,       0.0);
     ( 556509.4, 3777493.4,     971.4,     971.4,       0.0);         ( 556529.4,
3777493.4,     971.5,     971.5,       0.0);
     ( 556549.4, 3777493.4,     971.5,     971.5,       0.0);         ( 556569.4,
3777493.4,     971.1,     971.1,       0.0);
     ( 556589.4, 3777493.4,     971.1,     971.1,       0.0);         ( 556609.4,
3777493.4,     971.3,     971.3,       0.0);
     ( 556629.4, 3777493.4,     971.2,     971.2,       0.0);         ( 556649.4,
3777493.4,     971.3,     971.3,       0.0);
     ( 556669.4, 3777493.4,     971.6,     971.6,       0.0);         ( 556689.4,
3777493.4,     971.6,     971.6,       0.0);
     ( 556709.4, 3777493.4,     971.7,     971.7,       0.0);         ( 556729.4,
3777493.4,     972.1,     972.1,       0.0);
     ( 556749.4, 3777493.4,     971.7,     971.7,       0.0);         ( 556769.4,
3777493.4,     971.6,     971.6,       0.0);
     ( 556789.4, 3777493.4,     971.1,     971.1,       0.0);         ( 556809.4,
3777493.4,     970.6,     970.6,       0.0);
     ( 556829.4, 3777493.4,     970.5,     970.5,       0.0);         ( 556849.4,
3777493.4,     970.2,     970.2,       0.0);
     ( 556869.4, 3777493.4,     970.1,     970.1,       0.0);         ( 556889.4,
3777493.4,     969.6,     969.6,       0.0);
     ( 556909.4, 3777493.4,     969.4,     969.4,       0.0);         ( 556929.4,
3777493.4,     969.0,     969.0,       0.0);
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(556949.4, 3777493.4, 968.7, 968.7, 0.0); (556969.4,
3777493.4, 968.2, 968.2, 0.0);
(556989.4, 3777493.4, 968.0, 968.0, 0.0); (557009.4,
3777493.4, 967.9, 967.9, 0.0);
(557029.4, 3777493.4, 967.5, 967.5, 0.0); (557049.4,
3777493.4, 967.2, 967.2, 0.0);
(557069.4, 3777493.4, 967.1, 967.1, 0.0); (557089.4,
3777493.4, 966.8, 966.8, 0.0);
(557109.4, 3777493.4, 966.9, 966.9, 0.0); (557129.4,
3777493.4, 966.5, 966.5, 0.0);
(557149.4, 3777493.4, 966.2, 966.2, 0.0); (557169.4,
3777493.4, 965.6, 965.6, 0.0);
(557189.4, 3777493.4, 964.9, 964.9, 0.0); (557209.4,
3777493.4, 964.7, 964.7, 0.0);

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

(557229.4, 3777493.4, 964.1, 964.1, 0.0); (557249.4,
3777493.4, 963.8, 963.8, 0.0);
(557269.4, 3777493.4, 963.5, 963.5, 0.0); (557289.4,
3777493.4, 963.2, 963.2, 0.0);
(557309.4, 3777493.4, 962.8, 962.8, 0.0); (557329.4,
3777493.4, 962.6, 962.6, 0.0);
(557349.4, 3777493.4, 962.4, 962.4, 0.0); (557369.4,
3777493.4, 962.2, 962.2, 0.0);
(557389.4, 3777493.4, 962.1, 962.1, 0.0); (557409.4,
3777493.4, 961.9, 961.9, 0.0);
(557429.4, 3777493.4, 961.0, 961.0, 0.0); (557449.4,
3777493.4, 960.9, 961.3, 0.0);
(557469.4, 3777493.4, 961.0, 961.0, 0.0); (557489.4,
3777493.4, 960.6, 960.6, 0.0);
(556509.4, 3777513.4, 971.0, 971.0, 0.0); (556529.4,
3777513.4, 971.0, 971.0, 0.0);
(556549.4, 3777513.4, 970.8, 970.8, 0.0); (556569.4,
3777513.4, 971.2, 971.2, 0.0);
(556589.4, 3777513.4, 971.1, 971.1, 0.0); (556609.4,
3777513.4, 970.9, 970.9, 0.0);
(556629.4, 3777513.4, 971.2, 971.2, 0.0); (556649.4,
3777513.4, 971.3, 971.3, 0.0);
(556669.4, 3777513.4, 971.4, 971.4, 0.0); (556689.4,

3777513.4,   971.2,   971.2,   0.0);
     (556709.4, 3777513.4,   971.4,   971.4,   0.0);   (556729.4,
3777513.4,   971.9,   971.9,   0.0);
     (556749.4, 3777513.4,   971.5,   971.5,   0.0);   (556769.4,
3777513.4,   971.5,   971.5,   0.0);
     (556789.4, 3777513.4,   971.0,   971.0,   0.0);   (556809.4,
3777513.4,   970.2,   970.2,   0.0);
     (556829.4, 3777513.4,   970.0,   970.0,   0.0);   (556849.4,
3777513.4,   969.6,   969.6,   0.0);
     (556869.4, 3777513.4,   969.5,   969.5,   0.0);   (556889.4,
3777513.4,   969.3,   969.3,   0.0);
     (556909.4, 3777513.4,   968.8,   968.8,   0.0);   (556929.4,
3777513.4,   968.6,   968.6,   0.0);
     (556949.4, 3777513.4,   968.4,   968.4,   0.0);   (556969.4,
3777513.4,   967.9,   967.9,   0.0);
     (556989.4, 3777513.4,   967.6,   967.6,   0.0);   (557009.4,
3777513.4,   967.5,   967.5,   0.0);
     (557029.4, 3777513.4,   967.1,   967.1,   0.0);   (557049.4,
3777513.4,   967.0,   967.0,   0.0);
     (557069.4, 3777513.4,   966.6,   966.6,   0.0);   (557089.4,
3777513.4,   966.4,   966.4,   0.0);
     (557109.4, 3777513.4,   966.3,   966.3,   0.0);   (557129.4,
3777513.4,   966.1,   966.1,   0.0);
     (557149.4, 3777513.4,   966.0,   966.0,   0.0);   (557169.4,
3777513.4,   965.5,   965.5,   0.0);
     (557189.4, 3777513.4,   964.8,   964.8,   0.0);   (557209.4,
3777513.4,   964.6,   964.6,   0.0);
     (557229.4, 3777513.4,   963.9,   963.9,   0.0);   (557249.4,
3777513.4,   963.7,   963.7,   0.0);
     (557269.4, 3777513.4,   963.3,   963.3,   0.0);   (557289.4,
3777513.4,   962.8,   962.8,   0.0);
     (557309.4, 3777513.4,   962.6,   962.6,   0.0);   (557329.4,
3777513.4,   962.4,   962.4,   0.0);
     (557349.4, 3777513.4,   962.1,   962.1,   0.0);   (557369.4,
3777513.4,   961.7,   961.7,   0.0);
     (557389.4, 3777513.4,   961.6,   961.6,   0.0);   (557409.4,
3777513.4,   961.5,   961.5,   0.0);
     (557429.4, 3777513.4,   961.0,   961.0,   0.0);   (557449.4,
3777513.4,   960.6,   960.6,   0.0);
     (557469.4, 3777513.4,   960.4,   960.4,   0.0);   (557489.4,
3777513.4,   960.2,   960.2,   0.0);
     (556509.4, 3777533.4,   970.5,   970.5,   0.0);   (556529.4,
3777533.4,   970.6,   970.6,   0.0);
     (556549.4, 3777533.4,   970.5,   970.5,   0.0);   (556569.4,
3777533.4,   970.5,   970.5,   0.0);
     (556589.4, 3777533.4,   970.4,   970.4,   0.0);   (556609.4,
3777533.4,   970.5,   970.5,   0.0);
     (556629.4, 3777533.4,   970.6,   970.6,   0.0);   (556649.4,
3777533.4,   970.7,   970.7,   0.0);
     (556669.4, 3777533.4,   970.6,   970.6,   0.0);   (556689.4,

3777533.4,   970.7,   970.7,   0.0);
     (556709.4, 3777533.4,   971.2,   971.2,   0.0);   (556729.4,
3777533.4,   971.5,   971.5,   0.0);
     (556749.4, 3777533.4,   971.3,   971.3,   0.0);   (556769.4,
3777533.4,   971.0,   971.0,   0.0);
     (556789.4, 3777533.4,   970.8,   970.8,   0.0);   (556809.4,
3777533.4,   969.9,   969.9,   0.0);
     (556829.4, 3777533.4,   969.8,   969.8,   0.0);   (556849.4,
3777533.4,   969.2,   969.2,   0.0);
     (556869.4, 3777533.4,   969.0,   969.0,   0.0);   (556889.4,
3777533.4,   968.8,   968.8,   0.0);
     (556909.4, 3777533.4,   968.5,   968.5,   0.0);   (556929.4,
3777533.4,   968.2,   968.2,   0.0);
     (556949.4, 3777533.4,   967.9,   967.9,   0.0);   (556969.4,
3777533.4,   967.4,   967.4,   0.0);
     (556989.4, 3777533.4,   967.1,   967.1,   0.0);   (557009.4,
3777533.4,   966.9,   966.9,   0.0);

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

     (557029.4, 3777533.4,   966.7,   966.7,   0.0);   (557049.4,
3777533.4,   966.5,   966.5,   0.0);
     (557069.4, 3777533.4,   966.3,   966.3,   0.0);   (557089.4,
3777533.4,   966.0,   966.0,   0.0);
     (557109.4, 3777533.4,   965.9,   965.9,   0.0);   (557129.4,
3777533.4,   965.9,   965.9,   0.0);
     (557149.4, 3777533.4,   965.9,   965.9,   0.0);   (557169.4,
3777533.4,   965.3,   965.3,   0.0);
     (557189.4, 3777533.4,   964.7,   964.7,   0.0);   (557209.4,
3777533.4,   964.6,   964.6,   0.0);
     (557229.4, 3777533.4,   963.6,   963.6,   0.0);   (557249.4,
3777533.4,   963.5,   963.5,   0.0);
     (557269.4, 3777533.4,   962.9,   962.9,   0.0);   (557289.4,
3777533.4,   962.6,   962.6,   0.0);
     (557309.4, 3777533.4,   962.3,   962.3,   0.0);   (557329.4,
3777533.4,   962.0,   962.0,   0.0);
     (557349.4, 3777533.4,   961.8,   961.8,   0.0);   (557369.4,
3777533.4,   961.4,   961.4,   0.0);
     (557389.4, 3777533.4,   960.9,   960.9,   0.0);   (557409.4,
3777533.4,   960.9,   960.9,   0.0);

```
     ( 557429.4, 3777533.4,     960.6,     960.6,       0.0);         ( 557449.4,
3777533.4,     960.5,     960.5,       0.0);
     ( 557469.4, 3777533.4,     959.9,     959.9,       0.0);         ( 557489.4,
3777533.4,     959.5,     959.5,       0.0);
     ( 556509.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556529.4,
3777553.4,     970.2,     970.2,       0.0);
     ( 556549.4, 3777553.4,     970.0,     970.0,       0.0);         ( 556569.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556589.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556609.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556629.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556649.4,
3777553.4,     970.3,     970.3,       0.0);
     ( 556669.4, 3777553.4,     970.0,     970.0,       0.0);         ( 556689.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556709.4, 3777553.4,     970.7,     970.7,       0.0);         ( 556729.4,
3777553.4,     971.0,     971.0,       0.0);
     ( 556749.4, 3777553.4,     970.5,     970.5,       0.0);         ( 556769.4,
3777553.4,     970.3,     970.3,       0.0);
     ( 556789.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556809.4,
3777553.4,     969.6,     969.6,       0.0);
     ( 556829.4, 3777553.4,     969.3,     969.3,       0.0);         ( 556849.4,
3777553.4,     968.8,     968.8,       0.0);
     ( 556869.4, 3777553.4,     968.5,     968.5,       0.0);         ( 556889.4,
3777553.4,     968.4,     968.4,       0.0);
     ( 556909.4, 3777553.4,     968.2,     968.2,       0.0);         ( 556929.4,
3777553.4,     968.1,     968.1,       0.0);
     ( 556949.4, 3777553.4,     967.3,     967.3,       0.0);         ( 556969.4,
3777553.4,     966.9,     966.9,       0.0);
     ( 556989.4, 3777553.4,     966.4,     966.4,       0.0);         ( 557009.4,
3777553.4,     966.2,     966.2,       0.0);
     ( 557029.4, 3777553.4,     965.9,     965.9,       0.0);         ( 557049.4,
3777553.4,     965.8,     965.8,       0.0);
     ( 557069.4, 3777553.4,     965.7,     965.7,       0.0);         ( 557089.4,
3777553.4,     965.5,     965.5,       0.0);
     ( 557109.4, 3777553.4,     965.2,     965.2,       0.0);         ( 557129.4,
3777553.4,     965.2,     965.2,       0.0);
     ( 557149.4, 3777553.4,     965.2,     965.2,       0.0);         ( 557169.4,
3777553.4,     964.9,     964.9,       0.0);
     ( 557189.4, 3777553.4,     964.5,     964.5,       0.0);         ( 557209.4,
3777553.4,     964.1,     964.1,       0.0);
     ( 557229.4, 3777553.4,     963.5,     963.5,       0.0);         ( 557249.4,
3777553.4,     962.9,     962.9,       0.0);
     ( 557269.4, 3777553.4,     962.5,     962.5,       0.0);         ( 557289.4,
3777553.4,     962.2,     962.2,       0.0);
     ( 557309.4, 3777553.4,     961.9,     961.9,       0.0);         ( 557329.4,
3777553.4,     961.6,     961.6,       0.0);
     ( 557349.4, 3777553.4,     961.4,     961.4,       0.0);         ( 557369.4,
3777553.4,     961.2,     961.2,       0.0);
     ( 557389.4, 3777553.4,     960.6,     960.6,       0.0);         ( 557409.4,
3777553.4,     960.5,     960.5,       0.0);
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     ( 557429.4, 3777553.4,     960.2,     960.2,       0.0);         ( 557449.4,
3777553.4,     960.0,     960.0,       0.0);
     ( 557469.4, 3777553.4,     959.7,     959.7,       0.0);         ( 557489.4,
3777553.4,     959.0,     959.0,       0.0);
     ( 557438.9, 3777336.7,     963.4,     963.4,       0.0);         ( 556615.9,
3777137.0,     979.2,     979.2,       0.0);
     ( 556586.4, 3777056.2,     980.5,     981.8,       0.0);         ( 556672.4,
3776929.1,     979.7,     985.3,       0.0);
     ( 556692.4, 3776929.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776929.1,     979.8,     979.8,       0.0);
     ( 556732.4, 3776929.1,     979.7,     979.7,       0.0);         ( 556752.4,
3776929.1,     979.1,     979.1,       0.0);
     ( 556772.4, 3776929.1,     979.3,     979.3,       0.0);         ( 556792.4,
3776929.1,     979.5,     979.5,       0.0);
     ( 556812.4, 3776929.1,     979.1,     979.1,       0.0);         ( 556832.4,
3776929.1,     979.6,     979.6,       0.0);
     ( 556852.4, 3776929.1,     979.6,     979.6,       0.0);         ( 556672.4,
3776949.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776949.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776949.1,     980.0,     980.0,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 556732.4, 3776949.1,     980.0,     980.0,       0.0);         ( 556752.4,
3776949.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776949.1,     979.7,     979.7,       0.0);         ( 556792.4,
3776949.1,     979.3,     979.3,       0.0);
     ( 556812.4, 3776949.1,     979.1,     979.1,       0.0);         ( 556832.4,
3776949.1,     979.7,     979.7,       0.0);
     ( 556852.4, 3776949.1,     979.7,     979.7,       0.0);         ( 556672.4,
3776969.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776969.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776969.1,     980.0,     980.0,       0.0);
     ( 556732.4, 3776969.1,     979.9,     979.9,       0.0);         ( 556752.4,
3776969.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776969.1,     979.8,     979.8,       0.0);         ( 556792.4,
3776969.1,     979.4,     979.4,       0.0);
     ( 556812.4, 3776969.1,     979.3,     979.3,       0.0);         ( 556832.4,
3776969.1,     979.6,     979.6,       0.0);
     ( 556852.4, 3776969.1,     979.8,     979.8,       0.0);         ( 556672.4,
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```
3776989.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776989.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776989.1,     980.0,     980.0,       0.0);
     ( 556732.4, 3776989.1,     980.0,     980.0,       0.0);         ( 556752.4,
3776989.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776989.1,     979.9,     979.9,       0.0);         ( 556792.4,
3776989.1,     979.5,     979.5,       0.0);
     ( 556812.4, 3776989.1,     979.5,     979.5,       0.0);         ( 556832.4,
3776989.1,     979.7,     979.7,       0.0);
     ( 556852.4, 3776989.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556692.4, 3777009.1,     980.0,     980.0,       0.0);         ( 556712.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556732.4, 3777009.1,     980.0,     980.0,       0.0);         ( 556752.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777009.1,     979.9,     979.9,       0.0);         ( 556792.4,
3777009.1,     979.6,     979.6,       0.0);
     ( 556812.4, 3777009.1,     979.7,     979.7,       0.0);         ( 556832.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777009.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556692.4, 3777029.1,     980.0,     980.0,       0.0);         ( 556712.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556732.4, 3777029.1,     980.0,     980.0,       0.0);         ( 556752.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777029.1,     979.9,     979.9,       0.0);         ( 556792.4,
3777029.1,     979.8,     979.8,       0.0);
     ( 556812.4, 3777029.1,     979.9,     979.9,       0.0);         ( 556832.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777029.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777049.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556712.4,
3777049.1,     979.8,     979.8,       0.0);
     ( 556732.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556752.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777049.1,     979.8,     979.8,       0.0);         ( 556792.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556812.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556832.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777049.1,     979.7,     979.7,       0.0);         ( 556927.5,
3776959.5,     976.9,     976.9,       0.0);
     ( 556947.5, 3776959.5,     976.7,     976.7,       0.0);         ( 556967.5,
3776959.5,     977.3,     977.3,       0.0);
     ( 556987.5, 3776959.5,     977.4,     977.4,       0.0);         ( 557007.5,
3776959.5,     977.5,     977.5,       0.0);
     ( 557027.5, 3776959.5,     977.5,     977.5,       0.0);         ( 557047.5,
3776959.5,     977.5,     977.5,       0.0);
     ( 557067.5, 3776959.5,     977.5,     977.5,       0.0);         ( 557087.5,
3776959.5,     977.5,     977.5,       0.0);
     ( 556927.5, 3776979.5,     977.1,     977.1,       0.0);         ( 556947.5,
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3776979.5,   977.0,   977.0,   0.0);
     (556967.5, 3776979.5,   977.3,   977.3,   0.0);   (556987.5,
3776979.5,   977.4,   977.4,   0.0);
     (557007.5, 3776979.5,   977.6,   977.6,   0.0);   (557027.5,
3776979.5,   977.6,   977.6,   0.0);
     (557047.5, 3776979.5,   977.5,   977.5,   0.0);   (557067.5,
3776979.5,   977.6,   977.6,   0.0);
     (557087.5, 3776979.5,   977.5,   977.5,   0.0);   (556927.5,
3776999.5,   977.1,   977.1,   0.0);
     (556947.5, 3776999.5,   977.3,   977.3,   0.0);   (556967.5,
3776999.5,   977.4,   977.4,   0.0);
     (556987.5, 3776999.5,   977.5,   977.5,   0.0);   (557007.5,
3776999.5,   977.6,   977.6,   0.0);
     (557027.5, 3776999.5,   977.6,   977.6,   0.0);   (557047.5,
3776999.5,   977.5,   977.5,   0.0);
     (557067.5, 3776999.5,   977.5,   977.5,   0.0);   (557087.5,
3776999.5,   977.5,   977.5,   0.0);
     (556927.5, 3777019.5,   977.1,   977.1,   0.0);   (556947.5,
3777019.5,   977.3,   977.3,   0.0);
     (556967.5, 3777019.5,   977.4,   977.4,   0.0);   (556987.5,
3777019.5,   977.5,   977.5,   0.0);
     (557007.5, 3777019.5,   977.6,   977.6,   0.0);   (557027.5,
3777019.5,   977.6,   977.6,   0.0);

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

     (557047.5, 3777019.5,   977.5,   977.5,   0.0);   (557067.5,
3777019.5,   977.5,   977.5,   0.0);
     (557087.5, 3777019.5,   977.5,   977.5,   0.0);   (556927.5,
3777039.5,   977.1,   977.1,   0.0);
     (556947.5, 3777039.5,   977.3,   977.3,   0.0);   (556967.5,
3777039.5,   977.5,   977.5,   0.0);
     (556987.5, 3777039.5,   977.6,   977.6,   0.0);   (557007.5,
3777039.5,   977.5,   977.5,   0.0);
     (557027.5, 3777039.5,   977.5,   977.5,   0.0);   (557047.5,
3777039.5,   977.6,   977.6,   0.0);
     (557067.5, 3777039.5,   977.5,   977.5,   0.0);   (557087.5,
3777039.5,   977.5,   977.5,   0.0);
     (557047.5, 3777059.5,   977.3,   977.3,   0.0);   (557067.5,
3777059.5,   977.3,   977.3,   0.0);

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     ( 557087.5, 3777059.5,     977.2,     977.2,       0.0);         ( 556919.0,
3777174.9,     975.1,     975.1,       0.0);
     ( 556939.0, 3777174.9,     975.1,     975.1,       0.0);         ( 556919.0,
3777194.9,     975.1,     975.1,       0.0);
     ( 556939.0, 3777194.9,     975.0,     975.0,       0.0);         ( 556919.0,
3777214.9,     974.1,     974.8,       0.0);
     ( 556939.0, 3777214.9,     974.8,     974.8,       0.0);         ( 556919.0,
3777234.9,     974.2,     974.2,       0.0);
     ( 556939.0, 3777234.9,     974.6,     974.6,       0.0);         ( 556919.0,
3777254.9,     974.0,     974.6,       0.0);
     ( 556939.0, 3777254.9,     974.3,     974.3,       0.0);         ( 557023.6,
3777171.6,     975.2,     975.2,       0.0);
     ( 557043.6, 3777171.6,     975.3,     975.3,       0.0);         ( 557063.6,
3777171.6,     975.1,     975.1,       0.0);
     ( 557083.6, 3777171.6,     975.1,     975.1,       0.0);         ( 557023.6,
3777191.6,     975.3,     975.3,       0.0);
     ( 557043.6, 3777191.6,     975.0,     975.0,       0.0);         ( 557063.6,
3777191.6,     974.4,     974.4,       0.0);
     ( 557083.6, 3777191.6,     974.3,     974.3,       0.0);         ( 557023.6,
3777211.6,     975.3,     975.3,       0.0);
     ( 557043.6, 3777211.6,     975.1,     975.1,       0.0);         ( 557063.6,
3777211.6,     974.8,     974.8,       0.0);
     ( 557083.6, 3777211.6,     973.3,     975.0,       0.0);         ( 557023.6,
3777231.6,     975.2,     975.2,       0.0);
     ( 557043.6, 3777231.6,     975.2,     975.2,       0.0);         ( 557063.6,
3777231.6,     975.0,     975.0,       0.0);
     ( 557083.6, 3777231.6,     972.3,     975.3,       0.0);         ( 557023.6,
3777251.6,     974.6,     974.6,       0.0);
     ( 557043.6, 3777251.6,     974.6,     974.6,       0.0);         ( 557063.6,
3777251.6,     974.8,     974.8,       0.0);
     ( 557083.6, 3777251.6,     971.2,     975.3,       0.0);         ( 556249.1,
3776972.8,     982.0,     982.0,       0.0);
     ( 556269.1, 3776972.8,     982.3,     982.3,       0.0);         ( 556229.1,
3776992.8,     981.3,     981.3,       0.0);
     ( 556249.1, 3776992.8,     981.9,     981.9,       0.0);         ( 556269.1,
3776992.8,     981.9,     981.9,       0.0);
     ( 556289.1, 3776992.8,     982.2,     982.2,       0.0);         ( 556309.1,
3776992.8,     982.3,     982.3,       0.0);
     ( 556329.1, 3776992.8,     982.9,     982.9,       0.0);         ( 556209.1,
3777012.8,     980.4,     980.4,       0.0);
     ( 556229.1, 3777012.8,     981.4,     981.4,       0.0);         ( 556249.1,
3777012.8,     981.6,     981.6,       0.0);
     ( 556269.1, 3777012.8,     981.7,     981.7,       0.0);         ( 556289.1,
3777012.8,     981.7,     981.7,       0.0);
     ( 556309.1, 3777012.8,     982.0,     982.0,       0.0);         ( 556329.1,
3777012.8,     982.1,     982.1,       0.0);
     ( 556209.1, 3777032.8,     980.8,     980.8,       0.0);         ( 556229.1,
3777032.8,     981.2,     981.2,       0.0);
     ( 556249.1, 3777032.8,     981.3,     981.3,       0.0);         ( 556269.1,
3777032.8,     981.5,     981.5,       0.0);
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     ( 556289.1, 3777032.8,     981.4,     981.4,       0.0);         ( 556309.1,
3777032.8,     981.5,     981.5,       0.0);
     ( 556209.1, 3777052.8,     980.6,     980.6,       0.0);         ( 556229.1,
3777052.8,     981.0,     981.0,       0.0);
     ( 556249.1, 3777052.8,     980.9,     980.9,       0.0);         ( 556269.1,
3777052.8,     981.1,     981.1,       0.0);
     ( 556289.1, 3777052.8,     981.1,     981.1,       0.0);         ( 556309.1,
3777052.8,     981.1,     981.1,       0.0);
     ( 556249.1, 3777072.8,     980.8,     980.8,       0.0);         ( 556269.1,
3777072.8,     980.7,     980.7,       0.0);
     ( 556289.1, 3777072.8,     980.8,     980.8,       0.0);         ( 556269.1,
3777092.8,     980.5,     980.5,       0.0);
     ( 556441.7, 3776927.5,     985.8,     985.8,       0.0);         ( 556461.7,
3776927.5,     985.7,     985.7,       0.0);
     ( 556481.7, 3776927.5,     986.0,     986.0,       0.0);         ( 556421.7,
3776947.5,     985.0,     985.0,       0.0);
     ( 556441.7, 3776947.5,     985.4,     985.4,       0.0);         ( 556461.7,
3776947.5,     985.2,     985.2,       0.0);
     ( 556481.7, 3776947.5,     985.5,     985.5,       0.0);         ( 556401.7,
3776967.5,     984.3,     984.3,       0.0);
     ( 556421.7, 3776967.5,     984.4,     984.4,       0.0);         ( 556441.7,
3776967.5,     984.9,     984.9,       0.0);
     ( 556461.7, 3776967.5,     985.1,     985.1,       0.0);         ( 556481.7,
3776967.5,     984.9,     984.9,       0.0);
     ( 556401.7, 3776987.5,     983.9,     983.9,       0.0);         ( 556421.7,
3776987.5,     984.2,     984.2,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 556441.7, 3776987.5,     984.2,     984.2,       0.0);         ( 556461.7,
3776987.5,     984.4,     984.4,       0.0);
     ( 556481.7, 3776987.5,     984.3,     984.3,       0.0);         ( 556421.7,
3777007.5,     983.9,     983.9,       0.0);
     ( 556441.7, 3777007.5,     984.1,     984.1,       0.0);         ( 556461.7,
3777007.5,     984.1,     984.1,       0.0);
     ( 556481.7, 3777007.5,     983.9,     983.9,       0.0);         ( 556441.7,
3777027.5,     983.8,     983.8,       0.0);
     ( 556461.7, 3777027.5,     984.0,     984.0,       0.0);         ( 556481.7,
3777027.5,     983.7,     983.7,       0.0);
     ( 556251.2, 3777154.9,     978.9,     978.9,       0.0);         ( 556261.3,
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3777141.2,   979.1,   979.1,   0.0);
     (556265.0, 3777168.2,   978.9,   978.9,   0.0);   (556279.2,
3777151.8,   979.0,   979.0,   0.0);
     (556202.6, 3777113.4,   979.3,   979.3,   0.0);   (556220.1,
3777109.8,   979.4,   979.4,   0.0);
     (556187.5, 3777090.2,   979.1,   979.1,   0.0);   (556164.3,
3777121.4,   978.2,   978.2,   0.0);
     (557510.3, 3776508.2,   988.3,   988.3,   0.0);   (557530.3,
3776508.2,   988.1,   988.1,   0.0);
     (557550.3, 3776508.2,   987.9,   987.9,   0.0);   (557570.3,
3776508.2,   987.7,   987.7,   0.0);
     (557590.3, 3776508.2,   987.6,   987.6,   0.0);   (557610.3,
3776508.2,   987.6,   987.6,   0.0);
     (557630.3, 3776508.2,   987.5,   987.5,   0.0);   (557650.3,
3776508.2,   987.5,   987.5,   0.0);
     (557670.3, 3776508.2,   987.3,   987.3,   0.0);   (557690.3,
3776508.2,   987.1,   987.1,   0.0);
     (557510.3, 3776528.2,   987.7,   987.7,   0.0);   (557530.3,
3776528.2,   987.5,   987.5,   0.0);
     (557550.3, 3776528.2,   987.3,   987.3,   0.0);   (557570.3,
3776528.2,   987.1,   987.1,   0.0);
     (557590.3, 3776528.2,   987.0,   987.0,   0.0);   (557610.3,
3776528.2,   987.0,   987.0,   0.0);
     (557630.3, 3776528.2,   987.0,   987.0,   0.0);   (557650.3,
3776528.2,   987.0,   987.0,   0.0);
     (557670.3, 3776528.2,   986.8,   986.8,   0.0);   (557690.3,
3776528.2,   986.7,   986.7,   0.0);
     (557510.3, 3776548.2,   987.0,   987.0,   0.0);   (557530.3,
3776548.2,   986.9,   986.9,   0.0);
     (557550.3, 3776548.2,   986.6,   986.6,   0.0);   (557570.3,
3776548.2,   986.3,   986.3,   0.0);
     (557590.3, 3776548.2,   986.3,   986.3,   0.0);   (557610.3,
3776548.2,   986.3,   986.3,   0.0);
     (557630.3, 3776548.2,   986.3,   986.3,   0.0);   (557650.3,
3776548.2,   986.3,   986.3,   0.0);
     (557670.3, 3776548.2,   986.2,   986.2,   0.0);   (557690.3,
3776548.2,   986.2,   986.2,   0.0);
     (557510.3, 3776568.2,   986.3,   986.3,   0.0);   (557530.3,
3776568.2,   986.2,   986.2,   0.0);
     (557550.3, 3776568.2,   985.9,   985.9,   0.0);   (557570.3,
3776568.2,   985.7,   985.7,   0.0);
     (557590.3, 3776568.2,   985.6,   985.6,   0.0);   (557610.3,
3776568.2,   985.5,   985.5,   0.0);
     (557630.3, 3776568.2,   985.5,   985.5,   0.0);   (557650.3,
3776568.2,   985.6,   985.6,   0.0);
     (557670.3, 3776568.2,   985.6,   985.6,   0.0);   (557690.3,
3776568.2,   985.5,   985.5,   0.0);
     (557510.3, 3776588.2,   985.5,   985.5,   0.0);   (557530.3,
3776588.2,   985.5,   985.5,   0.0);
     (557550.3, 3776588.2,   985.3,   985.3,   0.0);   (557570.3,

3776588.2,   985.0,   985.0,   0.0);
     (557590.3, 3776588.2,   984.8,   984.8,   0.0);   (557610.3,
3776588.2,   984.8,   984.8,   0.0);
     (557630.3, 3776588.2,   984.9,   984.9,   0.0);   (557650.3,
3776588.2,   984.9,   984.9,   0.0);
     (557670.3, 3776588.2,   985.0,   985.0,   0.0);   (557690.3,
3776588.2,   985.0,   985.0,   0.0);
     (557510.3, 3776608.2,   984.8,   984.8,   0.0);   (557530.3,
3776608.2,   984.8,   984.8,   0.0);
     (557550.3, 3776608.2,   984.5,   984.5,   0.0);   (557570.3,
3776608.2,   984.3,   984.3,   0.0);
     (557590.3, 3776608.2,   984.1,   984.1,   0.0);   (557610.3,
3776608.2,   984.1,   984.1,   0.0);
     (557630.3, 3776608.2,   984.2,   984.2,   0.0);   (557650.3,
3776608.2,   984.2,   984.2,   0.0);
     (557670.3, 3776608.2,   984.2,   984.2,   0.0);   (557690.3,
3776608.2,   984.2,   984.2,   0.0);
     (557510.3, 3776628.2,   984.1,   984.1,   0.0);   (557530.3,
3776628.2,   984.0,   984.0,   0.0);
     (557550.3, 3776628.2,   983.8,   983.8,   0.0);   (557570.3,
3776628.2,   983.8,   983.8,   0.0);
     (557590.3, 3776628.2,   983.5,   983.5,   0.0);   (557610.3,
3776628.2,   983.4,   983.4,   0.0);
     (557630.3, 3776628.2,   983.5,   983.5,   0.0);   (557650.3,
3776628.2,   983.6,   983.6,   0.0);
     (557670.3, 3776628.2,   983.6,   983.6,   0.0);   (557690.3,
3776628.2,   983.6,   983.6,   0.0);
     (557510.3, 3776648.2,   983.3,   983.3,   0.0);   (557530.3,
3776648.2,   983.2,   983.2,   0.0);

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

     (557550.3, 3776648.2,   983.0,   983.0,   0.0);   (557570.3,
3776648.2,   982.8,   982.8,   0.0);
     (557590.3, 3776648.2,   982.8,   982.8,   0.0);   (557610.3,
3776648.2,   982.7,   982.7,   0.0);
     (557630.3, 3776648.2,   982.8,   982.8,   0.0);   (557650.3,
3776648.2,   982.9,   982.9,   0.0);
     (557670.3, 3776648.2,   982.9,   982.9,   0.0);   (557690.3,
3776648.2,   982.9,   982.9,   0.0);

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     ( 557510.3, 3776668.2,     982.5,     982.5,       0.0);         ( 557530.3,
3776668.2,     982.4,     982.4,       0.0);
     ( 557550.3, 3776668.2,     982.2,     982.2,       0.0);         ( 557570.3,
3776668.2,     982.1,     982.1,       0.0);
     ( 557590.3, 3776668.2,     982.2,     982.2,       0.0);         ( 557610.3,
3776668.2,     982.0,     982.0,       0.0);
     ( 557630.3, 3776668.2,     982.0,     982.0,       0.0);         ( 557650.3,
3776668.2,     982.2,     982.2,       0.0);
     ( 557670.3, 3776668.2,     982.2,     982.2,       0.0);         ( 557690.3,
3776668.2,     982.3,     982.3,       0.0);
     ( 557510.3, 3776688.2,     981.8,     981.8,       0.0);         ( 557530.3,
3776688.2,     981.7,     981.7,       0.0);
     ( 557550.3, 3776688.2,     981.5,     981.5,       0.0);         ( 557570.3,
3776688.2,     981.4,     981.4,       0.0);
     ( 557590.3, 3776688.2,     981.3,     981.3,       0.0);         ( 557610.3,
3776688.2,     981.2,     981.2,       0.0);
     ( 557630.3, 3776688.2,     981.3,     981.3,       0.0);         ( 557650.3,
3776688.2,     981.5,     981.5,       0.0);
     ( 557670.3, 3776688.2,     981.5,     981.5,       0.0);         ( 557690.3,
3776688.2,     981.4,     981.4,       0.0);
     ( 556172.5, 3776517.8,     992.8,     992.8,       0.0);         ( 556192.5,
3776517.8,     992.8,     992.8,       0.0);
     ( 556212.5, 3776517.8,     993.4,     993.4,       0.0);         ( 556232.5,
3776517.8,     993.7,     993.7,       0.0);
     ( 556252.5, 3776517.8,     994.0,     994.0,       0.0);         ( 556272.5,
3776517.8,     994.0,     994.0,       0.0);
     ( 556292.5, 3776517.8,     994.0,     994.0,       0.0);         ( 556312.5,
3776517.8,     994.1,     994.1,       0.0);
     ( 556332.5, 3776517.8,     994.1,     994.1,       0.0);         ( 556352.5,
3776517.8,     994.3,     994.3,       0.0);
     ( 556372.5, 3776517.8,     994.9,     994.9,       0.0);         ( 556392.5,
3776517.8,     994.8,     994.8,       0.0);
     ( 556412.5, 3776517.8,     995.0,     995.0,       0.0);         ( 556432.5,
3776517.8,     995.3,     995.3,       0.0);
     ( 556452.5, 3776517.8,     995.8,     995.8,       0.0);         ( 556472.5,
3776517.8,     995.6,     995.6,       0.0);
     ( 556492.5, 3776517.8,     995.5,     995.5,       0.0);         ( 556172.5,
3776537.8,     992.4,     992.4,       0.0);
     ( 556192.5, 3776537.8,     992.7,     992.7,       0.0);         ( 556212.5,
3776537.8,     992.9,     992.9,       0.0);
     ( 556232.5, 3776537.8,     993.2,     993.2,       0.0);         ( 556252.5,
3776537.8,     993.6,     993.6,       0.0);
     ( 556272.5, 3776537.8,     993.9,     993.9,       0.0);         ( 556292.5,
3776537.8,     993.7,     993.7,       0.0);
     ( 556312.5, 3776537.8,     993.8,     993.8,       0.0);         ( 556332.5,
3776537.8,     993.6,     993.6,       0.0);
     ( 556352.5, 3776537.8,     993.8,     993.8,       0.0);         ( 556372.5,
3776537.8,     994.3,     994.3,       0.0);
     ( 556392.5, 3776537.8,     994.8,     994.8,       0.0);         ( 556412.5,
3776537.8,     994.8,     994.8,       0.0);
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     ( 556432.5, 3776537.8,     994.9,     994.9,       0.0);         ( 556452.5,
3776537.8,     995.4,     995.4,       0.0);
     ( 556472.5, 3776537.8,     995.2,     995.2,       0.0);         ( 556492.5,
3776537.8,     995.0,     995.0,       0.0);
     ( 556332.5, 3776557.8,     993.1,     993.1,       0.0);         ( 556352.5,
3776557.8,     993.6,     993.6,       0.0);
     ( 556372.5, 3776557.8,     993.6,     993.6,       0.0);         ( 556392.5,
3776557.8,     994.1,     994.1,       0.0);
     ( 556412.5, 3776557.8,     994.1,     994.1,       0.0);         ( 556432.5,
3776557.8,     994.4,     994.4,       0.0);
     ( 556452.5, 3776557.8,     994.8,     994.8,       0.0);         ( 556472.5,
3776557.8,     994.8,     994.8,       0.0);
     ( 556492.5, 3776557.8,     994.6,     994.6,       0.0);         ( 556332.5,
3776577.8,     992.8,     992.8,       0.0);
     ( 556352.5, 3776577.8,     992.9,     992.9,       0.0);         ( 556372.5,
3776577.8,     993.1,     993.1,       0.0);
     ( 556392.5, 3776577.8,     993.2,     993.2,       0.0);         ( 556412.5,
3776577.8,     993.4,     993.4,       0.0);
     ( 556432.5, 3776577.8,     993.8,     993.8,       0.0);         ( 556452.5,
3776577.8,     994.1,     994.1,       0.0);
     ( 556472.5, 3776577.8,     994.2,     994.2,       0.0);         ( 556492.5,
3776577.8,     994.2,     994.2,       0.0);
     ( 556332.5, 3776597.8,     992.2,     992.2,       0.0);         ( 556352.5,
3776597.8,     992.3,     992.3,       0.0);
     ( 556372.5, 3776597.8,     992.6,     992.6,       0.0);         ( 556392.5,
3776597.8,     993.0,     993.0,       0.0);
     ( 556412.5, 3776597.8,     992.9,     992.9,       0.0);         ( 556432.5,
3776597.8,     993.3,     993.3,       0.0);
     ( 556452.5, 3776597.8,     993.8,     993.8,       0.0);         ( 556472.5,
3776597.8,     994.0,     994.0,       0.0);
     ( 556492.5, 3776597.8,     993.7,     993.7,       0.0);         ( 556252.5,
3776617.8,     990.9,     990.9,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20

                                  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 556272.5, 3776617.8,     991.3,     991.3,       0.0);         ( 556292.5,
3776617.8,     991.5,     991.5,       0.0);
     ( 556312.5, 3776617.8,     991.5,     991.5,       0.0);         ( 556332.5,
3776617.8,     992.0,     992.0,       0.0);
     ( 556352.5, 3776617.8,     991.8,     991.8,       0.0);         ( 556372.5,
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3776617.8,     991.8,     991.8,       0.0);
     ( 556392.5, 3776617.8,     992.2,     992.2,       0.0);         ( 556412.5,
3776617.8,     992.2,     992.2,       0.0);
     ( 556432.5, 3776617.8,     992.7,     992.7,       0.0);         ( 556452.5,
3776617.8,     992.9,     992.9,       0.0);
     ( 556472.5, 3776617.8,     993.6,     993.6,       0.0);         ( 556492.5,
3776617.8,     993.3,     993.3,       0.0);
     ( 556252.5, 3776637.8,     990.4,     990.4,       0.0);         ( 556272.5,
3776637.8,     990.3,     991.2,       0.0);
     ( 556292.5, 3776637.8,     990.9,     990.9,       0.0);         ( 556312.5,
3776637.8,     991.2,     991.2,       0.0);
     ( 556332.5, 3776637.8,     991.1,     991.1,       0.0);         ( 556352.5,
3776637.8,     991.4,     991.4,       0.0);
     ( 556372.5, 3776637.8,     991.3,     991.3,       0.0);         ( 556392.5,
3776637.8,     991.7,     991.7,       0.0);
     ( 556412.5, 3776637.8,     991.9,     991.9,       0.0);         ( 556432.5,
3776637.8,     992.1,     992.1,       0.0);
     ( 556452.5, 3776637.8,     992.5,     992.5,       0.0);         ( 556472.5,
3776637.8,     992.8,     992.8,       0.0);
     ( 556492.5, 3776637.8,     992.9,     992.9,       0.0);         ( 556252.5,
3776657.8,     989.7,     989.7,       0.0);
     ( 556272.5, 3776657.8,     989.8,     989.8,       0.0);         ( 556292.5,
3776657.8,     989.9,     989.9,       0.0);
     ( 556312.5, 3776657.8,     990.8,     990.8,       0.0);         ( 556332.5,
3776657.8,     990.6,     990.6,       0.0);
     ( 556352.5, 3776657.8,     990.6,     990.6,       0.0);         ( 556372.5,
3776657.8,     990.7,     990.7,       0.0);
     ( 556392.5, 3776657.8,     991.3,     991.3,       0.0);         ( 556412.5,
3776657.8,     991.5,     991.5,       0.0);
     ( 556432.5, 3776657.8,     991.8,     991.8,       0.0);         ( 556452.5,
3776657.8,     992.0,     992.0,       0.0);
     ( 556472.5, 3776657.8,     992.3,     992.3,       0.0);         ( 556492.5,
3776657.8,     992.4,     992.4,       0.0);
     ( 556252.5, 3776677.8,     989.1,     989.1,       0.0);         ( 556272.5,
3776677.8,     989.7,     989.7,       0.0);
     ( 556292.5, 3776677.8,     989.8,     989.8,       0.0);         ( 556312.5,
3776677.8,     989.9,     989.9,       0.0);
     ( 556332.5, 3776677.8,     990.0,     990.0,       0.0);         ( 556352.5,
3776677.8,     990.0,     990.0,       0.0);
     ( 556372.5, 3776677.8,     990.3,     990.3,       0.0);         ( 556392.5,
3776677.8,     990.8,     990.8,       0.0);
     ( 556412.5, 3776677.8,     990.8,     990.8,       0.0);         ( 556432.5,
3776677.8,     991.4,     991.4,       0.0);
     ( 556452.5, 3776677.8,     991.7,     991.7,       0.0);         ( 556472.5,
3776677.8,     991.8,     991.8,       0.0);
     ( 556492.5, 3776677.8,     991.9,     991.9,       0.0);         ( 556252.5,
3776697.8,     988.5,     988.5,       0.0);
     ( 556272.5, 3776697.8,     989.0,     989.0,       0.0);         ( 556372.5,
3776697.8,     989.8,     989.8,       0.0);
     ( 556392.5, 3776697.8,     990.5,     990.5,       0.0);         ( 556412.5,
```

3776697.8,   990.5,   990.5,   0.0);
     (556432.5, 3776697.8,   990.9,   990.9,   0.0);   (556452.5,
3776697.8,   991.3,   991.3,   0.0);
     (556472.5, 3776697.8,   991.4,   991.4,   0.0);   (556492.5,
3776697.8,   991.4,   991.4,   0.0);
     (556252.5, 3776717.8,   988.6,   988.6,   0.0);   (556272.5,
3776717.8,   988.6,   988.6,   0.0);
     (556372.5, 3776717.8,   989.2,   989.2,   0.0);   (556392.5,
3776717.8,   990.0,   990.0,   0.0);
     (556412.5, 3776717.8,   990.1,   990.1,   0.0);   (556432.5,
3776717.8,   990.5,   990.5,   0.0);
     (556452.5, 3776717.8,   990.9,   990.9,   0.0);   (556472.5,
3776717.8,   990.6,   990.6,   0.0);
     (556492.5, 3776717.8,   991.0,   991.0,   0.0);   (556267.4,
3776875.8,   984.3,   984.3,   0.0);
     (556239.0, 3776853.0,   985.0,   985.0,   0.0);   (556178.8,
3776751.2,   986.0,   986.0,   0.0);
     (556154.5, 3776774.5,   986.0,   986.0,   0.0);   (556119.5,
3776705.1,   986.9,   986.9,   0.0);
     (556146.5, 3777267.9,   975.8,   975.8,   0.0);   (556151.0,
3777234.9,   976.6,   976.6,   0.0);
     (556144.9, 3777179.6,   977.1,   977.1,   0.0);   (556205.2,
3777236.5,   976.5,   976.5,   0.0);
     (556218.0, 3777200.0,   977.6,   977.6,   0.0);   (556774.4,
3777347.6,   973.9,   973.9,   0.0);

 *** 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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                    PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   ..\kpsp_sfc_pfl\KPSP_V11_trimmed.sfc
                Met Version:  22112
   Profile file:   ..\kpsp_sfc_pfl\KPSP_V11_trimmed.pfl

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    93138                  Upper air station no.:     3190
                  Name: 33.63                                    Name: UNKNOWN

                  Year:   2018                                   Year:   2018

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 18 01 01   1 01  -14.0  0.169 -9.000 -9.000 -999.  440.     31.3  0.20   3.95
1.00    1.76  251.   10.1  283.1    2.0
 18 01 01   1 02  -29.9  0.302 -9.000 -9.000 -999.  400.    100.6  0.42   3.95
1.00    2.36  318.   10.1  283.8    2.0
 18 01 01   1 03 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
```

```
1.00    0.00    0.   10.1  283.1    2.0
 18 01 01   1 04  -23.9  0.242 -9.000 -9.000 -999.  286.     64.5  0.05   3.95
1.00    3.36  343.   10.1  284.2    2.0
 18 01 01   1 05  -22.2  0.222 -9.000 -9.000 -999.  251.     54.3  0.42   3.95
1.00    1.76  313.   10.1  281.4    2.0
 18 01 01   1 06 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  282.0    2.0
 18 01 01   1 07 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  282.0    2.0
 18 01 01   1 08  -10.1  0.158 -9.000 -9.000 -999.  151.     34.8  0.15   3.95
0.51    1.76  999.   10.1  284.2    2.0
 18 01 01   1 09   49.7 -9.000 -9.000 -9.000  112. -999. -99999.0  0.15   3.95
0.31    0.00    0.   10.1  288.1    2.0
 18 01 01   1 10  126.4 -9.000 -9.000 -9.000  210. -999. -99999.0  0.15   3.95
0.24    0.00    0.   10.1  292.0    2.0
 18 01 01   1 11  179.4  0.238  1.188  0.010  336.  279.     -6.8  0.15   3.95
0.22    1.76  999.   10.1  295.3    2.0
 18 01 01   1 12  204.5 -9.000 -9.000 -9.000  506. -999. -99999.0  0.15   3.95
0.21    0.00    0.   10.1  297.5    2.0
 18 01 01   1 13  199.1 -9.000 -9.000 -9.000  674. -999. -99999.0  0.15   3.95
0.21    0.00    0.   10.1  297.0    2.0
 18 01 01   1 14  166.1  0.306  1.531  0.006  774.  406.    -15.4  0.05   3.95
0.23    3.36  119.   10.1  297.0    2.0
 18 01 01   1 15  106.1  0.177  1.363  0.006  855.  189.     -4.7  0.04   3.95
0.26    1.76  132.   10.1  296.4    2.0
 18 01 01   1 16   25.4 -9.000 -9.000 -9.000  876. -999. -99999.0  0.15   3.95
0.36    0.00    0.   10.1  295.9    2.0
 18 01 01   1 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
0.66    0.00    0.   10.1  294.8    2.0
 18 01 01   1 18  -16.2  0.186 -9.000 -9.000 -999.  193.     38.1  0.27   3.95
1.00    1.76  237.   10.1  293.1    2.0
 18 01 01   1 19  -14.9  0.167 -9.000 -9.000 -999.  164.     30.6  0.05   3.95
1.00    2.36  334.   10.1  290.9    2.0
 18 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  288.8    2.0
 18 01 01   1 21  -23.6  0.242 -9.000 -9.000 -999.  286.     64.5  0.05   3.95
1.00    3.36  330.   10.1  288.1    2.0
 18 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  286.4    2.0
 18 01 01   1 23  -20.0  0.205 -9.000 -9.000 -999.  222.     46.0  0.05   3.95
1.00    2.86  330.   10.1  288.1    2.0
 18 01 01   1 24  -49.4  0.505 -9.000 -9.000 -999.  862.    280.9  0.42   3.95
1.00    3.86  310.   10.1  287.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01   10.1 1  251.    1.76   283.2   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):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                          *** 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
 -
- -
         556521.71   3777341.57   0.73981   556539.90
3777344.94   0.79104
         556591.78   3777345.39   0.98192   556630.62
3777349.66   1.09489
         556684.29   3777349.43   1.27698   556905.58
3777351.19   1.11229
         556920.93   3777350.82   1.03347   556942.87
3777350.09   0.91879
         556996.26   3777348.26   0.66671   557096.81
3777357.77   0.34646
         557115.83   3777363.62   0.30511   557129.36
3777361.43   0.28636
         557230.65   3777363.99   0.17367   556466.22
3776816.07   0.09703
         556407.87   3776826.19   0.08521   556381.07
3776807.14   0.07539
         556404.29   3776771.52   0.07189   556465.21
3776739.51   0.07655
         556396.10   3776739.93   0.06463   556323.99
3777265.43   0.27053
         556330.60   3777233.99   0.25220   556321.08
3777200.43   0.21169
         556275.11   3777267.81   0.21834   556278.28
3777233.46   0.19872
         556509.40   3777373.38   0.61023   556529.40

3777373.38 0.65561
556549.40 3777373.38 0.70225 556569.40
3777373.38 0.74979
556589.40 3777373.38 0.79696 556609.40
3777373.38 0.84369
556629.40 3777373.38 0.88842 556649.40
3777373.38 0.93047
556669.40 3777373.38 0.96754 556689.40
3777373.38 0.99773
556709.40 3777373.38 1.01965 556729.40
3777373.38 1.03318
556749.40 3777373.38 1.04006 556769.40
3777373.38 1.04456
556789.40 3777373.38 1.04793 556809.40
3777373.38 1.04878
556829.40 3777373.38 1.04287 556849.40
3777373.38 1.02419
556869.40 3777373.38 0.98853 556889.40
3777373.38 0.93618
556909.40 3777373.38 0.87060 556929.40
3777373.38 0.79735
556949.40 3777373.38 0.72203 556969.40
3777373.38 0.64907
556989.40 3777373.38 0.58127 557009.40
3777373.38 0.51998
557029.40 3777373.38 0.46542 557049.40
3777373.38 0.41717
557069.40 3777373.38 0.37453 557089.40
3777373.38 0.33685
557109.40 3777373.38 0.30353 557129.40
3777373.38 0.27407
557149.40 3777373.38 0.24803 557169.40
3777373.38 0.22503
557189.40 3777373.38 0.20471 557209.40
3777373.38 0.18674
557229.40 3777373.38 0.17082 557249.40
3777373.38 0.15670
557269.40 3777373.38 0.14415 557289.40
3777373.38 0.13298
557309.40 3777373.38 0.12301 557329.40
3777373.38 0.11407
557349.40 3777373.38 0.10606 557369.40
3777373.38 0.09883
557389.40 3777373.38 0.09231 557409.40
3777373.38 0.08640
557429.40 3777373.38 0.08103 557449.40
3777373.38 0.07616
557469.40 3777373.38 0.07171 557489.40
3777373.38 0.06762
556509.40 3777393.38 0.55144 556529.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   ,

                                                *** 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
 -
- -
         556629.40   3777393.38   0.74871   556649.40
3777393.38   0.77606
         556669.40   3777393.38   0.79912   556689.40
3777393.38   0.81659
         556709.40   3777393.38   0.82774   556729.40
3777393.38   0.83406
         556749.40   3777393.38   0.83718   556769.40
3777393.38   0.84002
         556789.40   3777393.38   0.84293   556809.40
3777393.38   0.84401
         556829.40   3777393.38   0.84019   556849.40
3777393.38   0.82764
         556869.40   3777393.38   0.80336   556889.40
3777393.38   0.76721
         556909.40   3777393.38   0.72134   556929.40
3777393.38   0.66895
         556949.40   3777393.38   0.61364   556969.40
3777393.38   0.55863
         556989.40   3777393.38   0.50620   557009.40
3777393.38   0.45774

```
         557029.40    3777393.38        0.41382                    557049.40
3777393.38        0.37442
         557069.40    3777393.38        0.33921                    557089.40
3777393.38        0.30772
         557109.40    3777393.38        0.27955                    557129.40
3777393.38        0.25429
         557149.40    3777393.38        0.23169                    557169.40
3777393.38        0.21144
         557189.40    3777393.38        0.19333                    557209.40
3777393.38        0.17717
         557229.40    3777393.38        0.16273                    557249.40
3777393.38        0.14980
         557269.40    3777393.38        0.13824                    557289.40
3777393.38        0.12788
         557309.40    3777393.38        0.11857                    557329.40
3777393.38        0.11023
         557349.40    3777393.38        0.10270                    557369.40
3777393.38        0.09589
         557389.40    3777393.38        0.08973                    557409.40
3777393.38        0.08412
         557429.40    3777393.38        0.07902                    557449.40
3777393.38        0.07438
         557469.40    3777393.38        0.07012                    557489.40
3777393.38        0.06621
         556509.40    3777413.38        0.49445                    556529.40
3777413.38        0.51989
         556549.40    3777413.38        0.54478                    556569.40
3777413.38        0.56899
         556589.40    3777413.38        0.59231                    556609.40
3777413.38        0.61443
         556629.40    3777413.38        0.63464                    556649.40
3777413.38        0.65257
         556669.40    3777413.38        0.66665                    556689.40
3777413.38        0.67644
         556709.40    3777413.38        0.68212                    556729.40
3777413.38        0.68511
         556749.40    3777413.38        0.68717                    556769.40
3777413.38        0.68909
         556789.40    3777413.38        0.69163                    556809.40
3777413.38        0.69267
         556829.40    3777413.38        0.69021                    556849.40
3777413.38        0.68138
         556869.40    3777413.38        0.66424                    556889.40
3777413.38        0.63868
         556909.40    3777413.38        0.60577                    556929.40
3777413.38        0.56753
         556949.40    3777413.38        0.52631                    556969.40
3777413.38        0.48427
         556989.40    3777413.38        0.44327                    557009.40
3777413.38        0.40458
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

*** 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
557029.40	3777413.38	0.36891	557049.40	3777413.38	0.33650
557069.40	3777413.38	0.30726	557089.40	3777413.38	0.28089
557109.40	3777413.38	0.25708	557129.40	3777413.38	0.23549
557149.40	3777413.38	0.21598	557169.40	3777413.38	0.19827
557189.40	3777413.38	0.18226	557209.40	3777413.38	0.16781
557229.40	3777413.38	0.15475	557249.40	3777413.38	0.14297
557269.40	3777413.38	0.13237	557289.40	3777413.38	0.12281
557309.40	3777413.38	0.11417	557329.40	3777413.38	0.10637
557349.40	3777413.38	0.09932	557369.40	3777413.38	0.09291
557389.40	3777413.38	0.08710	557409.40	3777413.38	0.08180
557429.40	3777413.38	0.07695	557449.40	3777413.38	0.07253
557469.40	3777413.38	0.06849	557489.40	3777413.38	0.06476
556509.40	3777433.38	0.44115	556529.40		

3777433.38 0.45998
556549.40 3777433.38 0.47824 556569.40
3777433.38 0.49586
556589.40 3777433.38 0.51245 556609.40
3777433.38 0.52798
556629.40 3777433.38 0.54183 556649.40
3777433.38 0.55333
556669.40 3777433.38 0.56182 556689.40
3777433.38 0.56702
556709.40 3777433.38 0.56991 556729.40
3777433.38 0.57137
556749.40 3777433.38 0.57300 556769.40
3777433.38 0.57475
556789.40 3777433.38 0.57699 556809.40
3777433.38 0.57810
556829.40 3777433.38 0.57637 556849.40
3777433.38 0.56999
556869.40 3777433.38 0.55757 556889.40
3777433.38 0.53895
556909.40 3777433.38 0.51478 556929.40
3777433.38 0.48635
556949.40 3777433.38 0.45516 556969.40
3777433.38 0.42269
556989.40 3777433.38 0.39031 557009.40
3777433.38 0.35918
557029.40 3777433.38 0.32998 557049.40
3777433.38 0.30312
557069.40 3777433.38 0.27864 557089.40
3777433.38 0.25642
557109.40 3777433.38 0.23622 557129.40
3777433.38 0.21780
557149.40 3777433.38 0.20099 557169.40
3777433.38 0.18558
557189.40 3777433.38 0.17151 557209.40
3777433.38 0.15866
557229.40 3777433.38 0.14693 557249.40
3777433.38 0.13628
557269.40 3777433.38 0.12659 557289.40
3777433.38 0.11778
557309.40 3777433.38 0.10980 557329.40
3777433.38 0.10253
557349.40 3777433.38 0.09591 557369.40
3777433.38 0.08991
557389.40 3777433.38 0.08446 557409.40
3777433.38 0.07946
557429.40 3777433.38 0.07486 557449.40
3777433.38 0.07066
557469.40 3777433.38 0.06681 557489.40
3777433.38 0.06326
556509.40 3777453.38 0.39283 556529.40

```
3777453.38        0.40685
         556549.40    3777453.38        0.42033                       556569.40
3777453.38        0.43336
         556589.40    3777453.38        0.44552                       556609.40
3777453.38        0.45662
         556629.40    3777453.38        0.46593                       556649.40
3777453.38        0.47321
         556669.40    3777453.38        0.47815                       556689.40
3777453.38        0.48088
         556709.40    3777453.38        0.48232                       556729.40
3777453.38        0.48318
         556749.40    3777453.38        0.48445                       556769.40
3777453.38        0.48626
         556789.40    3777453.38        0.48820                       556809.40
3777453.38        0.48920
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556829.40    3777453.38        0.48789                       556849.40
3777453.38        0.48318
         556869.40    3777453.38        0.47395                       556889.40
3777453.38        0.46014
         556909.40    3777453.38        0.44204                       556929.40
3777453.38        0.42053
         556949.40    3777453.38        0.39660                       556969.40
3777453.38        0.37128
         556989.40    3777453.38        0.34554                       557009.40
3777453.38        0.32029
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        557029.40    3777453.38        0.29624                    557049.40
3777453.38        0.27380
        557069.40    3777453.38        0.25317                    557089.40
3777453.38        0.23430
        557109.40    3777453.38        0.21707                    557129.40
3777453.38        0.20129
        557149.40    3777453.38        0.18681                    557169.40
3777453.38        0.17343
        557189.40    3777453.38        0.16112                    557209.40
3777453.38        0.14978
        557229.40    3777453.38        0.13931                    557249.40
3777453.38        0.12972
        557269.40    3777453.38        0.12091                    557289.40
3777453.38        0.11285
        557309.40    3777453.38        0.10549                    557329.40
3777453.38        0.09875
        557349.40    3777453.38        0.09259                    557369.40
3777453.38        0.08695
        557389.40    3777453.38        0.08180                    557409.40
3777453.38        0.07710
        557429.40    3777453.38        0.07277                    557449.40
3777453.38        0.06879
        557469.40    3777453.38        0.06512                    557489.40
3777453.38        0.06174
        556509.40    3777473.38        0.34990                    556529.40
3777473.38        0.36061
        556549.40    3777473.38        0.37087                    556569.40
3777473.38        0.38052
        556589.40    3777473.38        0.38955                    556609.40
3777473.38        0.39741
        556629.40    3777473.38        0.40365                    556649.40
3777473.38        0.40805
        556669.40    3777473.38        0.41077                    556689.40
3777473.38        0.41216
        556709.40    3777473.38        0.41283                    556729.40
3777473.38        0.41350
        556749.40    3777473.38        0.41479                    556769.40
3777473.38        0.41640
        556789.40    3777473.38        0.41810                    556809.40
3777473.38        0.41893
        556829.40    3777473.38        0.41799                    556849.40
3777473.38        0.41435
        556869.40    3777473.38        0.40737                    556889.40
3777473.38        0.39689
        556909.40    3777473.38        0.38309                    556929.40
3777473.38        0.36657
        556949.40    3777473.38        0.34800                    556969.40
3777473.38        0.32808
        556989.40    3777473.38        0.30750                    557009.40
3777473.38        0.28695
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         557029.40    3777473.38        0.26701                      557049.40
3777473.38        0.24813
         557069.40    3777473.38        0.23059                      557089.40
3777473.38        0.21444
         557109.40    3777473.38        0.19963                      557129.40
3777473.38        0.18602
         557149.40    3777473.38        0.17350                      557169.40
3777473.38        0.16190
         557189.40    3777473.38        0.15115                      557209.40
3777473.38        0.14117
         557229.40    3777473.38        0.13190                      557249.40
3777473.38        0.12331
         557269.40    3777473.38        0.11535                      557289.40
3777473.38        0.10801
         557309.40    3777473.38        0.10124                      557329.40
3777473.38        0.09502
         557349.40    3777473.38        0.08930                      557369.40
3777473.38        0.08404
         557389.40    3777473.38        0.07920                      557409.40
3777473.38        0.07476
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         557429.40    3777473.38        0.07067                      557449.40
3777473.38        0.06691
         557469.40    3777473.38        0.06344                      557489.40
3777473.38        0.06022
         556509.40    3777493.38        0.31229                      556529.40
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3777493.38 0.32049
556549.40 3777493.38 0.32843 556569.40
3777493.38 0.33597
556589.40 3777493.38 0.34258 556609.40
3777493.38 0.34797
556629.40 3777493.38 0.35204 556649.40
3777493.38 0.35463
556669.40 3777493.38 0.35592 556689.40
3777493.38 0.35656
556709.40 3777493.38 0.35699 556729.40
3777493.38 0.35757
556749.40 3777493.38 0.35885 556769.40
3777493.38 0.36031
556789.40 3777493.38 0.36178 556809.40
3777493.38 0.36252
556829.40 3777493.38 0.36176 556849.40
3777493.38 0.35897
556869.40 3777493.38 0.35357 556889.40
3777493.38 0.34546
556909.40 3777493.38 0.33476 556929.40
3777493.38 0.32189
556949.40 3777493.38 0.30732 556969.40
3777493.38 0.29150
556989.40 3777493.38 0.27495 557009.40
3777493.38 0.25814
557029.40 3777493.38 0.24156 557049.40
3777493.38 0.22562
557069.40 3777493.38 0.21061 557089.40
3777493.38 0.19667
557109.40 3777493.38 0.18384 557129.40
3777493.38 0.17203
557149.40 3777493.38 0.16114 557169.40
3777493.38 0.15104
557189.40 3777493.38 0.14164 557209.40
3777493.38 0.13289
557229.40 3777493.38 0.12470 557249.40
3777493.38 0.11705
557269.40 3777493.38 0.10991 557289.40
3777493.38 0.10326
557309.40 3777493.38 0.09707 557329.40
3777493.38 0.09135
557349.40 3777493.38 0.08605 557369.40
3777493.38 0.08115
557389.40 3777493.38 0.07663 557409.40
3777493.38 0.07246
557429.40 3777493.38 0.06859 557449.40
3777493.38 0.06503
557469.40 3777493.38 0.06175 557489.40
3777493.38 0.05870
556509.40 3777513.38 0.27964 556529.40

3777513.38   0.28615
         556549.40   3777513.38   0.29237   556569.40
3777513.38   0.29784
         556589.40   3777513.38   0.30262   556609.40
3777513.38   0.30637
         556629.40   3777513.38   0.30879   556649.40
3777513.38   0.31021
         556669.40   3777513.38   0.31086   556689.40
3777513.38   0.31121
         556709.40   3777513.38   0.31154   556729.40
3777513.38   0.31215
         556749.40   3777513.38   0.31334   556769.40
3777513.38   0.31462
         556789.40   3777513.38   0.31587   556809.40
3777513.38   0.31653
         556829.40   3777513.38   0.31596   556849.40
3777513.38   0.31376
         556869.40   3777513.38   0.30952   556889.40
3777513.38   0.30314
         556909.40   3777513.38   0.29474   556929.40
3777513.38   0.28457
         556949.40   3777513.38   0.27300   556969.40
3777513.38   0.26034
         556989.40   3777513.38   0.24693   557009.40
3777513.38   0.23314

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                                *** 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
 - - -

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        557029.40    3777513.38        0.21930                    557049.40
3777513.38        0.20581
        557069.40    3777513.38        0.19291                    557089.40
3777513.38        0.18083
        557109.40    3777513.38        0.16962                    557129.40
3777513.38        0.15928
        557149.40    3777513.38        0.14974                    557169.40
3777513.38        0.14090
        557189.40    3777513.38        0.13266                    557209.40
3777513.38        0.12498
        557229.40    3777513.38        0.11775                    557249.40
3777513.38        0.11098
        557269.40    3777513.38        0.10459                    557289.40
3777513.38        0.09860
        557309.40    3777513.38        0.09299                    557329.40
3777513.38        0.08775
        557349.40    3777513.38        0.08286                    557369.40
3777513.38        0.07831
        557389.40    3777513.38        0.07410                    557409.40
3777513.38        0.07019
        557429.40    3777513.38        0.06655                    557449.40
3777513.38        0.06319
        557469.40    3777513.38        0.06007                    557489.40
3777513.38        0.05718
        556509.40    3777533.38        0.25136                    556529.40
3777533.38        0.25652
        556549.40    3777533.38        0.26131                    556569.40
3777533.38        0.26548
        556589.40    3777533.38        0.26883                    556609.40
3777533.38        0.27122
        556629.40    3777533.38        0.27266                    556649.40
3777533.38        0.27336
        556669.40    3777533.38        0.27368                    556689.40
3777533.38        0.27385
        556709.40    3777533.38        0.27414                    556729.40
3777533.38        0.27480
        556749.40    3777533.38        0.27586                    556769.40
3777533.38        0.27704
        556789.40    3777533.38        0.27806                    556809.40
3777533.38        0.27862
        556829.40    3777533.38        0.27816                    556849.40
3777533.38        0.27643
        556869.40    3777533.38        0.27305                    556889.40
3777533.38        0.26796
        556909.40    3777533.38        0.26126                    556929.40
3777533.38        0.25314
        556949.40    3777533.38        0.24385                    556969.40
3777533.38        0.23362
        556989.40    3777533.38        0.22269                    557009.40
3777533.38        0.21132
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         557029.40    3777533.38        0.19976                      557049.40
3777533.38        0.18830
         557069.40    3777533.38        0.17721                      557089.40
3777533.38        0.16669
         557109.40    3777533.38        0.15685                      557129.40
3777533.38        0.14774
         557149.40    3777533.38        0.13931                      557169.40
3777533.38        0.13151
         557189.40    3777533.38        0.12425                      557209.40
3777533.38        0.11748
         557229.40    3777533.38        0.11109                      557249.40
3777533.38        0.10509
         557269.40    3777533.38        0.09941                      557289.40
3777533.38        0.09404
         557309.40    3777533.38        0.08898                      557329.40
3777533.38        0.08421
         557349.40    3777533.38        0.07973                      557369.40
3777533.38        0.07553
         557389.40    3777533.38        0.07160                      557409.40
3777533.38        0.06795
         557429.40    3777533.38        0.06454                      557449.40
3777533.38        0.06138
         557469.40    3777533.38        0.05842                      557489.40
3777533.38        0.05567
         556509.40    3777553.38        0.22680                      556529.40
3777553.38        0.23090
         556549.40    3777553.38        0.23457                      556569.40
3777553.38        0.23758
         556589.40    3777553.38        0.23983                      556609.40
3777553.38        0.24134
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,

                                          *** 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
556629.40	3777553.38	0.24212	556649.40	3777553.38	0.24241
556669.40	3777553.38	0.24258	556689.40	3777553.38	0.24273
556709.40	3777553.38	0.24306	556729.40	3777553.38	0.24373
556749.40	3777553.38	0.24475	556769.40	3777553.38	0.24577
556789.40	3777553.38	0.24660	556809.40	3777553.38	0.24704
556829.40	3777553.38	0.24668	556849.40	3777553.38	0.24526
556869.40	3777553.38	0.24254	556889.40	3777553.38	0.23844
556909.40	3777553.38	0.23302	556929.40	3777553.38	0.22645
556949.40	3777553.38	0.21892	556969.40	3777553.38	0.21059
556989.40	3777553.38	0.20161	557009.40	3777553.38	0.19220
557029.40	3777553.38	0.18250	557049.40	3777553.38	0.17278
557069.40	3777553.38	0.16323	557089.40	3777553.38	0.15405
557109.40	3777553.38	0.14538	557129.40	3777553.38	0.13730
557149.40	3777553.38	0.12981	557169.40	3777553.38	0.12286
557189.40	3777553.38	0.11642	557209.40	3777553.38	0.11041
557229.40	3777553.38	0.10475	557249.40	3777553.38	0.09942
557269.40	3777553.38	0.09437	557289.40	3777553.38	0.08958
557309.40	3777553.38	0.08503	557329.40	3777553.38	0.08072
557349.40	3777553.38	0.07664	557369.40	3777553.38	0.07279
557389.40	3777553.38	0.06915	557409.40	3777553.38	0.06575
557429.40	3777553.38	0.06256	557449.40	3777553.38	0.05959
557469.40	3777553.38	0.05680	557489.40	3777553.38	0.05419
557438.91	3777336.71	0.08189	556615.91		

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3777136.99        0.96674
         556586.37    3777056.16        0.46381                        556672.35
3776929.14        0.40864
         556692.35    3776929.14        0.45647                        556712.35
3776929.14        0.51192
         556732.35    3776929.14        0.57142                        556752.35
3776929.14        0.63845
         556772.35    3776929.14        0.69800                        556792.35
3776929.14        0.75776
         556812.35    3776929.14        0.82506                        556832.35
3776929.14        0.88052
         556852.35    3776929.14        0.94733                        556672.35
3776949.14        0.45601
         556692.35    3776949.14        0.51345                        556712.35
3776949.14        0.57982
         556732.35    3776949.14        0.65388                        556752.35
3776949.14        0.73273
         556772.35    3776949.14        0.81663                        556792.35
3776949.14        0.90495
         556812.35    3776949.14        0.99103                        556832.35
3776949.14        1.06430
         556852.35    3776949.14        1.15207                        556672.35
3776969.14        0.51169
         556692.35    3776969.14        0.58097                        556712.35
3776969.14        0.66336
         556732.35    3776969.14        0.75763                        556752.35
3776969.14        0.86068
         556772.35    3776969.14        0.97143                        556792.35
3776969.14        1.09000
         556812.35    3776969.14        1.20380                        556832.35
3776969.14        1.31268
         556852.35    3776969.14        1.42952                        556672.35
3776989.14        0.57752
         556692.35    3776989.14        0.66168                        556712.35
3776989.14        0.76443
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,
```

*** 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
556732.35	3776989.14	0.88518	556752.35	3776989.14	1.02222
556772.35	3776989.14	1.17199	556792.35	3776989.14	1.33616
556812.35	3776989.14	1.49242	556832.35	3776989.14	1.64914
556852.35	3776989.14	1.81521	556672.35	3777009.14	0.65439
556692.35	3777009.14	0.75885	556712.35	3777009.14	0.88840
556732.35	3777009.14	1.04444	556752.35	3777009.14	1.22889
556772.35	3777009.14	1.43721	556792.35	3777009.14	1.66815
556812.35	3777009.14	1.89511	556832.35	3777009.14	2.12428
556852.35	3777009.14	2.36637	556672.35	3777029.14	0.74715
556692.35	3777029.14	0.87700	556712.35	3777029.14	1.04342
556732.35	3777029.14	1.24666	556752.35	3777029.14	1.49863
556772.35	3777029.14	1.79636	556792.35	3777029.14	2.13313
556812.35	3777029.14	2.47888	556832.35	3777029.14	2.83588
556852.35	3777029.14	3.17905	556672.35	3777049.14	0.85982
556692.35	3777049.14	1.02384	556712.35	3777049.14	1.23881
556732.35	3777049.14	1.51033	556752.35	3777049.14	1.86157
556772.35	3777049.14	2.29933	556792.35	3777049.14	2.81027
556812.35	3777049.14	3.37245	556832.35	3777049.14	3.94208
556852.35	3777049.14	4.42872	556927.54	3776959.53	1.55388
556947.54	3776959.53	1.45909	556967.54	3776959.53	1.29900

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         556987.54    3776959.53        1.11422                      557007.54
3776959.53        0.93781
         557027.54    3776959.53        0.78806                      557047.54
3776959.53        0.66801
         557067.54    3776959.53        0.57229                      557087.54
3776959.53        0.49432
         556927.54    3776979.53        1.83739                      556947.54
3776979.53        1.66026
         556967.54    3776979.53        1.42511                      556987.54
3776979.53        1.18801
         557007.54    3776979.53        0.98368                      557027.54
3776979.53        0.82024
         557047.54    3776979.53        0.69248                      557067.54
3776979.53        0.59103
         557087.54    3776979.53        0.50797                      556927.54
3776999.53        2.16431
         556947.54    3776999.53        1.87176                      556967.54
3776999.53        1.54831
         556987.54    3776999.53        1.25950                      557007.54
3776999.53        1.03011
         557027.54    3776999.53        0.85458                      557047.54
3776999.53        0.71860
         557067.54    3776999.53        0.61011                      557087.54
3776999.53        0.52137
         556927.54    3777019.53        2.53182                      556947.54
3777019.53        2.08665
         556967.54    3777019.53        1.66737                      556987.54
3777019.53        1.33149
         557007.54    3777019.53        1.08038                      557027.54
3777019.53        0.89221
         557047.54    3777019.53        0.74623                      557067.54
3777019.53        0.62942
         557087.54    3777019.53        0.53436                      556927.54
3777039.53        2.93674
         556947.54    3777039.53        2.30325                      556967.54
3777039.53        1.78685
         556987.54    3777039.53        1.40944                      557007.54
3777039.53        1.13676
         557027.54    3777039.53        0.93308                      557047.54
3777039.53        0.77459
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: ONSITE *** INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

*** 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
557067.54	3777039.53	0.64826	557087.54	3777039.53	0.54681
557047.54	3777059.53	0.80244	557067.54	3777059.53	0.66642
557087.54	3777059.53	0.55892	556919.02	3777174.93	9.03972
556939.02	3777174.93	5.13625	556919.02	3777194.93	7.84109
556939.02	3777194.93	4.73694	556919.02	3777214.93	6.10215
556939.02	3777214.93	4.02742	556919.02	3777234.93	4.58021
556939.02	3777234.93	3.26972	556919.02	3777254.93	3.41855
556939.02	3777254.93	2.60437	557023.57	3777171.57	1.20265
557043.57	3777171.57	0.94833	557063.57	3777171.57	0.76592
557083.57	3777171.57	0.63040	557023.57	3777191.57	1.18637
557043.57	3777191.57	0.94005	557063.57	3777191.57	0.76189
557083.57	3777191.57	0.62857	557023.57	3777211.57	1.14126
557043.57	3777211.57	0.91195	557063.57	3777211.57	0.74368
557083.57	3777211.57	0.61765	557023.57	3777231.57	1.06976
557043.57	3777231.57	0.86542	557063.57	3777231.57	0.71240
557083.57	3777231.57	0.59672	557023.57	3777251.57	0.98147
557043.57	3777251.57	0.80607	557063.57	3777251.57	0.67111
557083.57	3777251.57	0.56734	556249.05		

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3776972.85        0.08177
         556269.05    3776972.85        0.08638                     556229.05
3776992.85        0.08132
         556249.05    3776992.85        0.08572                     556269.05
3776992.85        0.09093
         556289.05    3776992.85        0.09642                     556309.05
3776992.85        0.10252
         556329.05    3776992.85        0.10857                     556209.05
3777012.85        0.08083
         556229.05    3777012.85        0.08498                     556249.05
3777012.85        0.09002
         556269.05    3777012.85        0.09566                     556289.05
3777012.85        0.10185
         556309.05    3777012.85        0.10835                     556329.05
3777012.85        0.11586
         556209.05    3777032.85        0.08407                     556229.05
3777032.85        0.08899
         556249.05    3777032.85        0.09449                     556269.05
3777032.85        0.10055
         556289.05    3777032.85        0.10739                     556309.05
3777032.85        0.11471
         556209.05    3777052.85        0.08787                     556229.05
3777052.85        0.09311
         556249.05    3777052.85        0.09923                     556269.05
3777052.85        0.10579
         556289.05    3777052.85        0.11309                     556309.05
3777052.85        0.12120
         556249.05    3777072.85        0.10406                     556269.05
3777072.85        0.11132
         556289.05    3777072.85        0.11922                     556269.05
3777092.85        0.11729
         556441.69    3776927.49        0.12979                     556461.69
3776927.49        0.14019
         556481.69    3776927.49        0.15036                     556421.69
3776947.49        0.12904
         556441.69    3776947.49        0.13817                     556461.69
3776947.49        0.14993
         556481.69    3776947.49        0.16173                     556401.69
3776967.49        0.12757
         556421.69    3776967.49        0.13753                     556441.69
3776967.49        0.14741
         556461.69    3776967.49        0.15944                     556481.69
3776967.49        0.17408
         556401.69    3776987.49        0.13582                     556421.69
3776987.49        0.14600
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

*** 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
556441.69	3776987.49	0.15826	556461.69	3776987.49	0.17169
556481.69	3776987.49	0.18786	556421.69	3777007.49	0.15600
556441.69	3777007.49	0.16866	556461.69	3777007.49	0.18378
556481.69	3777007.49	0.20219	556441.69	3777027.49	0.18134
556461.69	3777027.49	0.19717	556481.69	3777027.49	0.21764
556251.24	3777154.95	0.13381	556261.28	3777141.20	0.13265
556264.98	3777168.16	0.14745	556279.25	3777151.77	0.14710
556202.60	3777113.45	0.10000	556220.05	3777109.75	0.10475
556187.53	3777090.19	0.09031	556164.27	3777121.38	0.09127
557510.26	3776508.23	0.06985	557530.26	3776508.23	0.06556
557550.26	3776508.23	0.06146	557570.26	3776508.23	0.05761
557590.26	3776508.23	0.05408	557610.26	3776508.23	0.05088
557630.26	3776508.23	0.04787	557650.26	3776508.23	0.04513
557670.26	3776508.23	0.04253	557690.26	3776508.23	0.04010
557510.26	3776528.23	0.06904	557530.26	3776528.23	0.06460

```
        557550.26    3776528.23        0.06047                    557570.26
3776528.23        0.05654
        557590.26    3776528.23        0.05304                    557610.26
3776528.23        0.04984
        557630.26    3776528.23        0.04692                    557650.26
3776528.23        0.04427
        557670.26    3776528.23        0.04169                    557690.26
3776528.23        0.03940
        557510.26    3776548.23        0.06785                    557530.26
3776548.23        0.06348
        557550.26    3776548.23        0.05912                    557570.26
3776548.23        0.05519
        557590.26    3776548.23        0.05180                    557610.26
3776548.23        0.04865
        557630.26    3776548.23        0.04581                    557650.26
3776548.23        0.04327
        557670.26    3776548.23        0.04084                    557690.26
3776548.23        0.03868
        557510.26    3776568.23        0.06643                    557530.26
3776568.23        0.06202
        557550.26    3776568.23        0.05778                    557570.26
3776568.23        0.05386
        557590.26    3776568.23        0.05050                    557610.26
3776568.23        0.04744
        557630.26    3776568.23        0.04470                    557650.26
3776568.23        0.04230
        557670.26    3776568.23        0.03999                    557690.26
3776568.23        0.03790
        557510.26    3776588.23        0.06485                    557530.26
3776588.23        0.06054
        557550.26    3776588.23        0.05641                    557570.26
3776588.23        0.05257
        557590.26    3776588.23        0.04923                    557610.26
3776588.23        0.04629
        557630.26    3776588.23        0.04375                    557650.26
3776588.23        0.04143
        557670.26    3776588.23        0.03929                    557690.26
3776588.23        0.03735
        557510.26    3776608.23        0.06328                    557530.26
3776608.23        0.05908
        557550.26    3776608.23        0.05507                    557570.26
3776608.23        0.05146
        557590.26    3776608.23        0.04822                    557610.26
3776608.23        0.04541
        557630.26    3776608.23        0.04295                    557650.26
3776608.23        0.04071
        557670.26    3776608.23        0.03865                    557690.26
3776608.23        0.03678
        557510.26    3776628.23        0.06192                    557530.26
3776628.23        0.05778
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                          *** 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
 -
- -
         557550.26   3776628.23   0.05392   557570.26
3776628.23   0.05064
         557590.26   3776628.23   0.04746   557610.26
3776628.23   0.04476
         557630.26   3776628.23   0.04236   557650.26
3776628.23   0.04022
         557670.26   3776628.23   0.03825   557690.26
3776628.23   0.03647
         557510.26   3776648.23   0.06076   557530.26
3776648.23   0.05672
         557550.26   3776648.23   0.05308   557570.26
3776648.23   0.04983
         557590.26   3776648.23   0.04696   557610.26
3776648.23   0.04437
         557630.26   3776648.23   0.04204   557650.26
3776648.23   0.03995
         557670.26   3776648.23   0.03805   557690.26
3776648.23   0.03632
         557510.26   3776668.23   0.06000   557530.26
3776668.23   0.05613
         557550.26   3776668.23   0.05268   557570.26
3776668.23   0.04959
         557590.26   3776668.23   0.04678   557610.26
3776668.23   0.04429
         557630.26   3776668.23   0.04202   557650.26

3776668.23 0.03995
557670.26 3776668.23 0.03809 557690.26
3776668.23 0.03639
557510.26 3776688.23 0.05967 557530.26
3776688.23 0.05592
557550.26 3776688.23 0.05258 557570.26
3776688.23 0.04957
557590.26 3776688.23 0.04685 557610.26
3776688.23 0.04440
557630.26 3776688.23 0.04217 557650.26
3776688.23 0.04013
557670.26 3776688.23 0.03829 557690.26
3776688.23 0.03662
556172.49 3776517.81 0.02675 556192.49
3776517.81 0.02757
556212.49 3776517.81 0.02825 556232.49
3776517.81 0.02906
556252.49 3776517.81 0.02993 556272.49
3776517.81 0.03098
556292.49 3776517.81 0.03210 556312.49
3776517.81 0.03330
556332.49 3776517.81 0.03473 556352.49
3776517.81 0.03623
556372.49 3776517.81 0.03776 556392.49
3776517.81 0.03971
556412.49 3776517.81 0.04165 556432.49
3776517.81 0.04361
556452.49 3776517.81 0.04553 556472.49
3776517.81 0.04762
556492.49 3776517.81 0.04965 556172.49
3776537.81 0.02765
556192.49 3776537.81 0.02844 556212.49
3776537.81 0.02928
556232.49 3776537.81 0.03012 556252.49
3776537.81 0.03102
556272.49 3776537.81 0.03197 556292.49
3776537.81 0.03320
556312.49 3776537.81 0.03446 556332.49
3776537.81 0.03592
556352.49 3776537.81 0.03745 556372.49
3776537.81 0.03905
556392.49 3776537.81 0.04082 556412.49
3776537.81 0.04298
556432.49 3776537.81 0.04516 556452.49
3776537.81 0.04727
556472.49 3776537.81 0.04960 556492.49
3776537.81 0.05189
556332.49 3776557.81 0.03729 556352.49
3776557.81 0.03871
556372.49 3776557.81 0.04048 556392.49

3776557.81 0.04233
 556412.49 3776557.81 0.04456 556432.49
3776557.81 0.04682
 556452.49 3776557.81 0.04911 556472.49
3776557.81 0.05162

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

*** 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
556492.49	3776557.81	0.05422	556332.49	3776577.81	0.03865
556352.49	3776577.81	0.04027	556372.49	3776577.81	0.04203
556392.49	3776577.81	0.04403	556412.49	3776577.81	0.04627
556432.49	3776577.81	0.04858	556452.49	3776577.81	0.05112
556472.49	3776577.81	0.05386	556492.49	3776577.81	0.05666
556332.49	3776597.81	0.04032	556352.49	3776597.81	0.04194
556372.49	3776597.81	0.04372	556392.49	3776597.81	0.04561
556412.49	3776597.81	0.04804	556432.49	3776597.81	0.05046
556452.49	3776597.81	0.05303	556472.49	3776597.81	0.05597
556492.49	3776597.81	0.05920	556252.49	3776617.81	0.03649

556272.49 3776617.81 0.03767 556292.49 3776617.81 0.03900
556312.49 3776617.81 0.04050 556332.49 3776617.81 0.04189
556352.49 3776617.81 0.04377 556372.49 3776617.81 0.04572
556392.49 3776617.81 0.04769 556412.49 3776617.81 0.05009
556432.49 3776617.81 0.05253 556452.49 3776617.81 0.05542
556472.49 3776617.81 0.05829 556492.49 3776617.81 0.06184
556252.49 3776637.81 0.03804 556272.49 3776637.81 0.03954
556292.49 3776637.81 0.04076 556312.49 3776637.81 0.04220
556332.49 3776637.81 0.04397 556352.49 3776637.81 0.04571
556372.49 3776637.81 0.04780 556392.49 3776637.81 0.04980
556412.49 3776637.81 0.05220 556432.49 3776637.81 0.05483
556452.49 3776637.81 0.05771 556472.49 3776637.81 0.06098
556492.49 3776637.81 0.06461 556252.49 3776657.81 0.03980
556272.49 3776657.81 0.04131 556292.49 3776657.81 0.04286
556312.49 3776657.81 0.04407 556332.49 3776657.81 0.04604
556352.49 3776657.81 0.04799 556372.49 3776657.81 0.05011
556392.49 3776657.81 0.05207 556412.49 3776657.81 0.05449
556432.49 3776657.81 0.05721 556452.49 3776657.81 0.06028
556472.49 3776657.81 0.06369 556492.49 3776657.81 0.06759
556252.49 3776677.81 0.04168 556272.49 3776677.81 0.04296
556292.49 3776677.81 0.04460 556312.49 3776677.81 0.04636
556332.49 3776677.81 0.04828 556352.49 3776677.81 0.05039
556372.49 3776677.81 0.05252 556392.49 3776677.81 0.05465
556412.49 3776677.81 0.05731 556432.49 3776677.81 0.05990
556452.49 3776677.81 0.06304 556472.49 3776677.81 0.06672

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   ,

                                       *** 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
 -
- -
         556252.49   3776717.81   0.04545   556272.49
3776717.81   0.04727
         556372.49   3776717.81   0.05811   556392.49
3776717.81   0.06026
         556412.49   3776717.81   0.06326   556432.49
3776717.81   0.06624
         556452.49   3776717.81   0.06954   556472.49
3776717.81   0.07391
         556492.49   3776717.81   0.07820   556267.40
3776875.81   0.06798
         556239.03   3776853.02   0.05977   556178.76
3776751.21   0.04351
         556154.45   3776774.51   0.04280   556119.50
3776705.11   0.03576
         556146.51   3777267.93   0.13201   556151.00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                  L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                  L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                  L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                      *** 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
 -
- -
         556521.71   3777341.57   1.03857   556539.90
3777344.94   1.10326
         556591.78   3777345.39   1.35473   556630.62
3777349.66   1.49706
         556684.29   3777349.43   1.79240   556905.58
3777351.19   3.24671
         556920.93   3777350.82   2.96155   556942.87
3777350.09   2.41967
         556996.26   3777348.26   1.20380   557096.81
3777357.77   0.40762
         557115.83   3777363.62   0.34637   557129.36
3777361.43   0.31712
         557230.65   3777363.99   0.17355   556466.22
3776816.07   0.11577
         556407.87   3776826.19   0.09852   556381.07

3776807.14 0.08560
556404.29 3776771.52 0.08247 556465.21
3776739.51 0.08946
556396.10 3776739.93 0.07371 556323.99
3777265.43 0.37735
556330.60 3777233.99 0.36814 556321.08
3777200.43 0.31384
556275.11 3777267.81 0.29279 556278.28
3777233.46 0.27670
556509.40 3777373.38 0.80962 556529.40
3777373.38 0.87345
556549.40 3777373.38 0.93849 556569.40
3777373.38 1.00511
556589.40 3777373.38 1.07269 556609.40
3777373.38 1.14314
556629.40 3777373.38 1.21586 556649.40
3777373.38 1.29201
556669.40 3777373.38 1.37012 556689.40
3777373.38 1.45027
556709.40 3777373.38 1.53389 556729.40
3777373.38 1.62267
556749.40 3777373.38 1.71659 556769.40
3777373.38 1.82175
556789.40 3777373.38 1.93138 556809.40
3777373.38 2.03439
556829.40 3777373.38 2.12104 556849.40
3777373.38 2.17123
556869.40 3777373.38 2.16099 556889.40
3777373.38 2.08132
556909.40 3777373.38 1.92794 556929.40
3777373.38 1.71576
556949.40 3777373.38 1.46904 556969.40
3777373.38 1.22017
556989.40 3777373.38 0.99834 557009.40
3777373.38 0.81661
557029.40 3777373.38 0.67357 557049.40
3777373.38 0.56213
557069.40 3777373.38 0.47491 557089.40
3777373.38 0.40588
557109.40 3777373.38 0.35055 557129.40
3777373.38 0.30562
557149.40 3777373.38 0.26869 557169.40
3777373.38 0.23801
557189.40 3777373.38 0.21227 557209.40
3777373.38 0.19046
557229.40 3777373.38 0.17183 557249.40
3777373.38 0.15580
557269.40 3777373.38 0.14192 557289.40
3777373.38 0.12983
557309.40 3777373.38 0.11924 557329.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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
556629.40	3777393.38	1.03361	556649.40	3777393.38	1.09181
556669.40	3777393.38	1.15094	556689.40	3777393.38	1.21071
556709.40	3777393.38	1.27004	556729.40		

3777393.38 1.33066
556749.40 3777393.38 1.38957 556769.40
3777393.38 1.44955
556789.40 3777393.38 1.50471 556809.40
3777393.38 1.54560
556829.40 3777393.38 1.56741 556849.40
3777393.38 1.56340
556869.40 3777393.38 1.52737 556889.40
3777393.38 1.45922
556909.40 3777393.38 1.36220 556929.40
3777393.38 1.23895
556949.40 3777393.38 1.09735 556969.40
3777393.38 0.95004
556989.40 3777393.38 0.81045 557009.40
3777393.38 0.68746
557029.40 3777393.38 0.58395 557049.40
3777393.38 0.49871
557069.40 3777393.38 0.42900 557089.40
3777393.38 0.37193
557109.40 3777393.38 0.32495 557129.40
3777393.38 0.28595
557149.40 3777393.38 0.25336 557169.40
3777393.38 0.22588
557189.40 3777393.38 0.20253 557209.40
3777393.38 0.18259
557229.40 3777393.38 0.16540 557249.40
3777393.38 0.15050
557269.40 3777393.38 0.13752 557289.40
3777393.38 0.12614
557309.40 3777393.38 0.11611 557329.40
3777393.38 0.10726
557349.40 3777393.38 0.09939 557369.40
3777393.38 0.09236
557389.40 3777393.38 0.08607 557409.40
3777393.38 0.08041
557429.40 3777393.38 0.07531 557449.40
3777393.38 0.07070
557469.40 3777393.38 0.06651 557489.40
3777393.38 0.06268
556509.40 3777413.38 0.64091 556529.40
3777413.38 0.67976
556549.40 3777413.38 0.71907 556569.40
3777413.38 0.75909
556589.40 3777413.38 0.80002 556609.40
3777413.38 0.84196
556629.40 3777413.38 0.88457 556649.40
3777413.38 0.92842
556669.40 3777413.38 0.97189 556689.40
3777413.38 1.01472
556709.40 3777413.38 1.05601 556729.40

```
3777413.38        1.09539
         556749.40    3777413.38        1.13200                        556769.40
3777413.38        1.16171
         556789.40    3777413.38        1.18561                        556809.40
3777413.38        1.19652
         556829.40    3777413.38        1.19379                        556849.40
3777413.38        1.17506
         556869.40    3777413.38        1.13948                        556889.40
3777413.38        1.08908
         556909.40    3777413.38        1.02405                        556929.40
3777413.38        0.94528
         556949.40    3777413.38        0.85613                        556969.40
3777413.38        0.76159
         556989.40    3777413.38        0.66866                        557009.40
3777413.38        0.58281
         557029.40    3777413.38        0.50689                        557049.40
3777413.38        0.44157
         557069.40    3777413.38        0.38612                        557089.40
3777413.38        0.33929
         557109.40    3777413.38        0.29974                        557129.40
3777413.38        0.26623
         557149.40    3777413.38        0.23775                        557169.40
3777413.38        0.21336
         557189.40    3777413.38        0.19241                        557209.40
3777413.38        0.17431
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                 L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
                 L0000046    , L0000047    , L0000048    , L0000049    , L0000050
, L0000051    , L0000052    , L0000053    ,
                 L0000054    , L0000055    , L0000056    , L0000057    , L0000058
,

                                          *** 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
557229.40	3777413.38	0.15857	557249.40	3777413.38	0.14483
557269.40	3777413.38	0.13278	557289.40	3777413.38	0.12215
557309.40	3777413.38	0.11274	557329.40	3777413.38	0.10437
557349.40	3777413.38	0.09692	557369.40	3777413.38	0.09022
557389.40	3777413.38	0.08423	557409.40	3777413.38	0.07882
557429.40	3777413.38	0.07391	557449.40	3777413.38	0.06947
557469.40	3777413.38	0.06544	557489.40	3777413.38	0.06174
556509.40	3777433.38	0.57145	556529.40	3777433.38	0.60217
556549.40	3777433.38	0.63323	556569.40	3777433.38	0.66472
556589.40	3777433.38	0.69633	556609.40	3777433.38	0.72845
556629.40	3777433.38	0.76079	556649.40	3777433.38	0.79306
556669.40	3777433.38	0.82461	556689.40	3777433.38	0.85425
556709.40	3777433.38	0.88203	556729.40	3777433.38	0.90615
556749.40	3777433.38	0.92698	556769.40	3777433.38	0.94060
556789.40	3777433.38	0.94848	556809.40	3777433.38	0.94700
556829.40	3777433.38	0.93615	556849.40	3777433.38	0.91614
556869.40	3777433.38	0.88667	556889.40	3777433.38	0.84909
556909.40	3777433.38	0.80334	556929.40	3777433.38	0.74970
556949.40	3777433.38	0.68933	556969.40	3777433.38	0.62497
556989.40	3777433.38	0.56020	557009.40	3777433.38	0.49844
557029.40	3777433.38	0.44180	557049.40	3777433.38	0.39134
557069.40	3777433.38	0.34716	557089.40	3777433.38	0.30882
557109.40	3777433.38	0.27569	557129.40		

```
3777433.38        0.24706
         557149.40    3777433.38        0.22231                        557169.40
3777433.38        0.20083
         557189.40    3777433.38        0.18215                        557209.40
3777433.38        0.16584
         557229.40    3777433.38        0.15152                        557249.40
3777433.38        0.13893
         557269.40    3777433.38        0.12780                        557289.40
3777433.38        0.11792
         557309.40    3777433.38        0.10915                        557329.40
3777433.38        0.10129
         557349.40    3777433.38        0.09424                        557369.40
3777433.38        0.08792
         557389.40    3777433.38        0.08223                        557409.40
3777433.38        0.07708
         557429.40    3777433.38        0.07238                        557449.40
3777433.38        0.06813
         557469.40    3777433.38        0.06425                        557489.40
3777433.38        0.06070
         556509.40    3777453.38        0.51036                        556529.40
3777453.38        0.53470
         556549.40    3777453.38        0.55910                        556569.40
3777453.38        0.58371
         556589.40    3777453.38        0.60826                        556609.40
3777453.38        0.63285
         556629.40    3777453.38        0.65693                        556649.40
3777453.38        0.68051
         556669.40    3777453.38        0.70294                        556689.40
3777453.38        0.72334
         556709.40    3777453.38        0.74135                        556729.40
3777453.38        0.75551
         556749.40    3777453.38        0.76578                        556769.40
3777453.38        0.77126
         556789.40    3777453.38        0.77117                        556809.40
3777453.38        0.76502
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                 L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
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L0000046 , L0000047 , L0000048 , L0000049 , L0000050
, L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058
,

*** 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
556829.40	3777453.38	0.75254	556849.40	3777453.38	0.73473
556869.40	3777453.38	0.71134	556889.40	3777453.38	0.68326
556909.40	3777453.38	0.64985	556929.40	3777453.38	0.61146
556949.40	3777453.38	0.56855	556969.40	3777453.38	0.52267
556989.40	3777453.38	0.47583	557009.40	3777453.38	0.43012
557029.40	3777453.38	0.38712	557049.40	3777453.38	0.34774
557069.40	3777453.38	0.31236	557089.40	3777453.38	0.28093
557109.40	3777453.38	0.25320	557129.40	3777453.38	0.22882
557149.40	3777453.38	0.20740	557169.40	3777453.38	0.18855
557189.40	3777453.38	0.17197	557209.40	3777453.38	0.15735
557229.40	3777453.38	0.14440	557249.40	3777453.38	0.13292
557269.40	3777453.38	0.12270	557289.40	3777453.38	0.11357
557309.40	3777453.38	0.10541	557329.40	3777453.38	0.09807
557349.40	3777453.38	0.09147	557369.40	3777453.38	0.08550
557389.40	3777453.38	0.08010	557409.40	3777453.38	0.07523
557429.40	3777453.38	0.07077	557449.40	3777453.38	0.06671
557469.40	3777453.38	0.06299	557489.40	3777453.38	0.05958
556509.40	3777473.38	0.45653	556529.40		

```
3777473.38        0.47593
         556549.40    3777473.38        0.49516                    556569.40
3777473.38        0.51414
         556589.40    3777473.38        0.53311                    556609.40
3777473.38        0.55170
         556629.40    3777473.38        0.56962                    556649.40
3777473.38        0.58653
         556669.40    3777473.38        0.60217                    556689.40
3777473.38        0.61589
         556709.40    3777473.38        0.62697                    556729.40
3777473.38        0.63490
         556749.40    3777473.38        0.63964                    556769.40
3777473.38        0.64026
         556789.40    3777473.38        0.63711                    556809.40
3777473.38        0.62964
         556829.40    3777473.38        0.61817                    556849.40
3777473.38        0.60308
         556869.40    3777473.38        0.58464                    556889.40
3777473.38        0.56315
         556909.40    3777473.38        0.53801                    556929.40
3777473.38        0.50948
         556949.40    3777473.38        0.47784                    556969.40
3777473.38        0.44396
         556989.40    3777473.38        0.40906                    557009.40
3777473.38        0.37443
         557029.40    3777473.38        0.34119                    557049.40
3777473.38        0.31009
         557069.40    3777473.38        0.28156                    557089.40
3777473.38        0.25570
         557109.40    3777473.38        0.23248                    557129.40
3777473.38        0.21171
         557149.40    3777473.38        0.19322                    557169.40
3777473.38        0.17673
         557189.40    3777473.38        0.16207                    557209.40
3777473.38        0.14900
         557229.40    3777473.38        0.13733                    557249.40
3777473.38        0.12691
         557269.40    3777473.38        0.11755                    557289.40
3777473.38        0.10915
         557309.40    3777473.38        0.10159                    557329.40
3777473.38        0.09477
         557349.40    3777473.38        0.08860                    557369.40
3777473.38        0.08300
         557389.40    3777473.38        0.07791                    557409.40
3777473.38        0.07329
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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
557429.40	3777473.38	0.06905	557449.40	3777473.38	0.06520
557469.40	3777473.38	0.06165	557489.40	3777473.38	0.05839
556509.40	3777493.38	0.40905	556529.40	3777493.38	0.42426
556549.40	3777493.38	0.43937	556569.40	3777493.38	0.45440
556589.40	3777493.38	0.46888	556609.40	3777493.38	0.48271
556629.40	3777493.38	0.49592	556649.40	3777493.38	0.50803
556669.40	3777493.38	0.51855	556689.40	3777493.38	0.52747
556709.40	3777493.38	0.53411	556729.40	3777493.38	0.53800
556749.40	3777493.38	0.53968	556769.40	3777493.38	0.53813
556789.40	3777493.38	0.53391	556809.40	3777493.38	0.52677
556829.40	3777493.38	0.51674	556849.40	3777493.38	0.50445
556869.40	3777493.38	0.48979	556889.40	3777493.38	0.47294
556909.40	3777493.38	0.45357	556929.40		

```
3777493.38        0.43179
         556949.40    3777493.38        0.40775                    556969.40
3777493.38        0.38202
         556989.40    3777493.38        0.35533                    557009.40
3777493.38        0.32856
         557029.40    3777493.38        0.30246                    557049.40
3777493.38        0.27761
         557069.40    3777493.38        0.25442                    557089.40
3777493.38        0.23304
         557109.40    3777493.38        0.21354                    557129.40
3777493.38        0.19585
         557149.40    3777493.38        0.17988                    557169.40
3777493.38        0.16550
         557189.40    3777493.38        0.15254                    557209.40
3777493.38        0.14090
         557229.40    3777493.38        0.13041                    557249.40
3777493.38        0.12096
         557269.40    3777493.38        0.11244                    557289.40
3777493.38        0.10473
         557309.40    3777493.38        0.09775                    557329.40
3777493.38        0.09142
         557349.40    3777493.38        0.08567                    557369.40
3777493.38        0.08043
         557389.40    3777493.38        0.07566                    557409.40
3777493.38        0.07130
         557429.40    3777493.38        0.06728                    557449.40
3777493.38        0.06362
         557469.40    3777493.38        0.06026                    557489.40
3777493.38        0.05715
         556509.40    3777513.38        0.36713                    556529.40
3777513.38        0.37920
         556549.40    3777513.38        0.39107                    556569.40
3777513.38        0.40230
         556589.40    3777513.38        0.41331                    556609.40
3777513.38        0.42380
         556629.40    3777513.38        0.43320                    556649.40
3777513.38        0.44172
         556669.40    3777513.38        0.44894                    556689.40
3777513.38        0.45471
         556709.40    3777513.38        0.45845                    556729.40
3777513.38        0.46004
         556749.40    3777513.38        0.45996                    556769.40
3777513.38        0.45746
         556789.40    3777513.38        0.45311                    556809.40
3777513.38        0.44682
         556829.40    3777513.38        0.43844                    556849.40
3777513.38        0.42842
         556869.40    3777513.38        0.41667                    556889.40
3777513.38        0.40326
         556909.40    3777513.38        0.38807                    556929.40
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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
557029.40	3777513.38	0.26961	557049.40	3777513.38	0.24955
557069.40	3777513.38	0.23053	557089.40	3777513.38	0.21276
557109.40	3777513.38	0.19633	557129.40	3777513.38	0.18124
557149.40	3777513.38	0.16745	557169.40	3777513.38	0.15489
557189.40	3777513.38	0.14347	557209.40	3777513.38	0.13312
557229.40	3777513.38	0.12370	557249.40	3777513.38	0.11517
557269.40	3777513.38	0.10741	557289.40	3777513.38	0.10035
557309.40	3777513.38	0.09393	557329.40		

3777513.38 0.08808
557349.40 3777513.38 0.08273 557369.40
3777513.38 0.07784
557389.40 3777513.38 0.07337 557409.40
3777513.38 0.06927
557429.40 3777513.38 0.06549 557449.40
3777513.38 0.06201
557469.40 3777513.38 0.05881 557489.40
3777513.38 0.05586
556509.40 3777533.38 0.33009 556529.40
3777533.38 0.33956
556549.40 3777533.38 0.34876 556569.40
3777533.38 0.35755
556589.40 3777533.38 0.36585 556609.40
3777533.38 0.37350
556629.40 3777533.38 0.38036 556649.40
3777533.38 0.38628
556669.40 3777533.38 0.39118 556689.40
3777533.38 0.39466
556709.40 3777533.38 0.39653 556729.40
3777533.38 0.39687
556749.40 3777533.38 0.39584 556769.40
3777533.38 0.39319
556789.40 3777533.38 0.38903 556809.40
3777533.38 0.38360
556829.40 3777533.38 0.37662 556849.40
3777533.38 0.36848
556869.40 3777533.38 0.35899 556889.40
3777533.38 0.34818
556909.40 3777533.38 0.33604 556929.40
3777533.38 0.32251
556949.40 3777533.38 0.30770 556969.40
3777533.38 0.29184
556989.40 3777533.38 0.27528 557009.40
3777533.38 0.25840
557029.40 3777533.38 0.24161 557049.40
3777533.38 0.22522
557069.40 3777533.38 0.20952 557089.40
3777533.38 0.19466
557109.40 3777533.38 0.18075 557129.40
3777533.38 0.16785
557149.40 3777533.38 0.15593 557169.40
3777533.38 0.14496
557189.40 3777533.38 0.13490 557209.40
3777533.38 0.12570
557229.40 3777533.38 0.11725 557249.40
3777533.38 0.10956
557269.40 3777533.38 0.10251 557289.40
3777533.38 0.09607
557309.40 3777533.38 0.09017 557329.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                  L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                  L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                  L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                    *** 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
 - - -

3777553.38 0.34525
556749.40 3777553.38 0.34394 556769.40
3777553.38 0.34131
556789.40 3777553.38 0.33753 556809.40
3777553.38 0.33283
556829.40 3777553.38 0.32705 556849.40
3777553.38 0.32034
556869.40 3777553.38 0.31259 556889.40
3777553.38 0.30381
556909.40 3777553.38 0.29396 556929.40
3777553.38 0.28303
556949.40 3777553.38 0.27113 556969.40
3777553.38 0.25836
556989.40 3777553.38 0.24498 557009.40
3777553.38 0.23130
557029.40 3777553.38 0.21757 557049.40
3777553.38 0.20407
557069.40 3777553.38 0.19099 557089.40
3777553.38 0.17850
557109.40 3777553.38 0.16668 557129.40
3777553.38 0.15560
557149.40 3777553.38 0.14528 557169.40
3777553.38 0.13569
557189.40 3777553.38 0.12682 557209.40
3777553.38 0.11864
557229.40 3777553.38 0.11109 557249.40
3777553.38 0.10415
557269.40 3777553.38 0.09776 557289.40
3777553.38 0.09189
557309.40 3777553.38 0.08648 557329.40
3777553.38 0.08150
557349.40 3777553.38 0.07692 557369.40
3777553.38 0.07269
557389.40 3777553.38 0.06877 557409.40
3777553.38 0.06516
557429.40 3777553.38 0.06182 557449.40
3777553.38 0.05874
557469.40 3777553.38 0.05587 557489.40
3777553.38 0.05320
557438.91 3777336.71 0.07598 556615.91
3777136.99 4.83468
556586.37 3777056.16 0.94009 556672.35
3776929.14 0.52860
556692.35 3776929.14 0.56991 556712.35
3776929.14 0.61114
556732.35 3776929.14 0.64656 556752.35
3776929.14 0.67625
556772.35 3776929.14 0.68959 556792.35
3776929.14 0.69362
556812.35 3776929.14 0.69175 556832.35

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                 L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                 L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                 L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                          *** 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
556732.35	3776989.14	1.08201	556752.35	3776989.14	1.10190
556772.35	3776989.14	1.09906	556792.35	3776989.14	1.08113
556812.35	3776989.14	1.04735	556832.35	3776989.14	1.00633
556852.35	3776989.14	0.96399	556672.35	3777009.14	1.09154
556692.35	3777009.14	1.19760	556712.35	3777009.14	1.27823
556732.35	3777009.14	1.32104	556752.35	3777009.14	1.32826
556772.35	3777009.14	1.30720	556792.35	3777009.14	1.26971
556812.35	3777009.14	1.21719	556832.35	3777009.14	1.16072
556852.35	3777009.14	1.10632	556672.35	3777029.14	1.38179
556692.35	3777029.14	1.51942	556712.35	3777029.14	1.61109
556732.35	3777029.14	1.63954	556752.35	3777029.14	1.62077
556772.35	3777029.14	1.57010	556792.35	3777029.14	1.50330
556812.35	3777029.14	1.42730	556832.35	3777029.14	1.35166
556852.35	3777029.14	1.28066	556672.35	3777049.14	1.81481
556692.35	3777049.14	1.99289	556712.35	3777049.14	2.08247
556732.35	3777049.14	2.07435	556752.35	3777049.14	2.00633
556772.35	3777049.14	1.90840	556792.35	3777049.14	1.80011
556812.35	3777049.14	1.69288	556832.35	3777049.14	1.59141
556852.35	3777049.14	1.49918	556927.54	3776959.53	0.68578
556947.54	3776959.53	0.64982	556967.54	3776959.53	0.61270
556987.54	3776959.53	0.57500	557007.54	3776959.53	0.53424
557027.54	3776959.53	0.49238	557047.54	3776959.53	0.45044
557067.54	3776959.53	0.40950	557087.54		

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3776959.53        0.37046
         556927.54    3776979.53        0.76524                        556947.54
3776979.53        0.72174
         556967.54    3776979.53        0.67529                        556987.54
3776979.53        0.62686
         557007.54    3776979.53        0.57932                        557027.54
3776979.53        0.52908
         557047.54    3776979.53        0.47959                        557067.54
3776979.53        0.43219
         557087.54    3776979.53        0.38778                        556927.54
3776999.53        0.85920
         556947.54    3776999.53        0.80443                        556967.54
3776999.53        0.74712
         556987.54    3776999.53        0.68975                        557007.54
3776999.53        0.62897
         557027.54    3776999.53        0.56853                        557047.54
3776999.53        0.51019
         557067.54    3776999.53        0.45541                        557087.54
3776999.53        0.40517
         556927.54    3777019.53        0.97175                        556947.54
3777019.53        0.90267
         556967.54    3777019.53        0.83077                        556987.54
3777019.53        0.75831
         557007.54    3777019.53        0.68351                        557027.54
3777019.53        0.61075
         557047.54    3777019.53        0.54213                        557067.54
3777019.53        0.47914
         557087.54    3777019.53        0.42251                        556927.54
3777039.53        1.10851
         556947.54    3777039.53        1.01942                        556967.54
3777039.53        0.92956
         556987.54    3777039.53        0.83553                        557007.54
3777039.53        0.74316
         557027.54    3777039.53        0.65564                        557047.54
3777039.53        0.57521
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                 L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
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L0000046 , L0000047 , L0000048 , L0000049 , L0000050
, L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058
,

*** 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
557067.54	3777039.53	0.50305	557087.54	3777039.53	0.43959
557047.54	3777059.53	0.60606	557067.54	3777059.53	0.52433
557087.54	3777059.53	0.45405	556919.02	3777174.93	4.31315
556939.02	3777174.93	3.18793	556919.02	3777194.93	5.62975
556939.02	3777194.93	3.87800	556919.02	3777214.93	7.39111
556939.02	3777214.93	4.74005	556919.02	3777234.93	9.28704
556939.02	3777234.93	5.86330	556919.02	3777254.93	12.23150
556939.02	3777254.93	7.77642	557023.57	3777171.57	1.03314
557043.57	3777171.57	0.82200	557063.57	3777171.57	0.66609
557083.57	3777171.57	0.54848	557023.57	3777191.57	1.08407
557043.57	3777191.57	0.85093	557063.57	3777191.57	0.68418
557083.57	3777191.57	0.56025	557023.57	3777211.57	1.12616
557043.57	3777211.57	0.87151	557063.57	3777211.57	0.69427
557083.57	3777211.57	0.57095	557023.57	3777231.57	1.15689
557043.57	3777231.57	0.88387	557063.57	3777231.57	0.69856
557083.57	3777231.57	0.57721	557023.57	3777251.57	1.17656
557043.57	3777251.57	0.89069	557063.57	3777251.57	0.69861
557083.57	3777251.57	0.57681	556249.05		

```
3776972.85        0.09897
         556269.05    3776972.85        0.10435                     556229.05
3776992.85        0.09953
         556249.05    3776992.85        0.10501                     556269.05
3776992.85        0.11215
         556289.05    3776992.85        0.11974                     556309.05
3776992.85        0.12734
         556329.05    3776992.85        0.13526                     556209.05
3777012.85        0.10004
         556229.05    3777012.85        0.10511                     556249.05
3777012.85        0.11204
         556269.05    3777012.85        0.12014                     556289.05
3777012.85        0.12918
         556309.05    3777012.85        0.13805                     556329.05
3777012.85        0.14932
         556209.05    3777032.85        0.10514                     556229.05
3777032.85        0.11182
         556249.05    3777032.85        0.11957                     556269.05
3777032.85        0.12842
         556289.05    3777032.85        0.13865                     556309.05
3777032.85        0.14969
         556209.05    3777052.85        0.11175                     556229.05
3777052.85        0.11906
         556249.05    3777052.85        0.12827                     556269.05
3777052.85        0.13796
         556289.05    3777052.85        0.14910                     556309.05
3777052.85        0.16172
         556249.05    3777072.85        0.13696                     556269.05
3777072.85        0.14818
         556289.05    3777072.85        0.16058                     556269.05
3777092.85        0.15931
         556441.69    3776927.49        0.16080                     556461.69
3776927.49        0.17568
         556481.69    3776927.49        0.19128                     556421.69
3776947.49        0.16150
         556441.69    3776947.49        0.17482                     556461.69
3776947.49        0.19182
         556481.69    3776947.49        0.20994                     556401.69
3776967.49        0.16169
         556421.69    3776967.49        0.17607                     556441.69
3776967.49        0.19105
         556461.69    3776967.49        0.20931                     556481.69
3776967.49        0.23174
         556401.69    3776987.49        0.17583                     556421.69
3776987.49        0.19150
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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
556441.69	3776987.49	0.21034	556461.69	3776987.49	0.23160
556481.69	3776987.49	0.25752	556421.69	3777007.49	0.20948
556441.69	3777007.49	0.23032	556461.69	3777007.49	0.25544
556481.69	3777007.49	0.28642	556441.69	3777027.49	0.25436
556461.69	3777027.49	0.28262	556481.69	3777027.49	0.31926
556251.24	3777154.95	0.18696	556261.28	3777141.20	0.18598
556264.98	3777168.16	0.20849	556279.25	3777151.77	0.21003
556202.60	3777113.45	0.13315	556220.05	3777109.75	0.14047
556187.53	3777090.19	0.11763	556164.27	3777121.38	0.12003
557510.26	3776508.23	0.06240	557530.26	3776508.23	0.05959
557550.26	3776508.23	0.05692	557570.26	3776508.23	0.05438
557590.26	3776508.23	0.05201	557610.26	3776508.23	0.04978
557630.26	3776508.23	0.04766	557650.26		

3776508.23 0.04566
557670.26 3776508.23 0.04373 557690.26
3776508.23 0.04188
557510.26 3776528.23 0.06270 557530.26
3776528.23 0.05980
557550.26 3776528.23 0.05707 557570.26
3776528.23 0.05446
557590.26 3776528.23 0.05204 557610.26
3776528.23 0.04976
557630.26 3776528.23 0.04762 557650.26
3776528.23 0.04560
557670.26 3776528.23 0.04363 557690.26
3776528.23 0.04178
557510.26 3776548.23 0.06288 557530.26
3776548.23 0.05995
557550.26 3776548.23 0.05709 557570.26
3776548.23 0.05442
557590.26 3776548.23 0.05198 557610.26
3776548.23 0.04966
557630.26 3776548.23 0.04748 557650.26
3776548.23 0.04544
557670.26 3776548.23 0.04347 557690.26
3776548.23 0.04164
557510.26 3776568.23 0.06300 557530.26
3776568.23 0.05999
557550.26 3776568.23 0.05709 557570.26
3776568.23 0.05435
557590.26 3776568.23 0.05185 557610.26
3776568.23 0.04949
557630.26 3776568.23 0.04729 557650.26
3776568.23 0.04525
557670.26 3776568.23 0.04327 557690.26
3776568.23 0.04140
557510.26 3776588.23 0.06303 557530.26
3776588.23 0.05998
557550.26 3776588.23 0.05703 557570.26
3776588.23 0.05422
557590.26 3776588.23 0.05164 557610.26
3776588.23 0.04926
557630.26 3776588.23 0.04708 557650.26
3776588.23 0.04501
557670.26 3776588.23 0.04305 557690.26
3776588.23 0.04120
557510.26 3776608.23 0.06299 557530.26
3776608.23 0.05989
557550.26 3776608.23 0.05689 557570.26
3776608.23 0.05407
557590.26 3776608.23 0.05143 557610.26
3776608.23 0.04902
557630.26 3776608.23 0.04682 557650.26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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
557550.26	3776628.23	0.05667	557570.26	3776628.23	0.05394
557590.26	3776628.23	0.05119	557610.26	3776628.23	0.04876
557630.26	3776628.23	0.04652	557650.26	3776628.23	0.04445
557670.26	3776628.23	0.04247	557690.26	3776628.23	0.04062
557510.26	3776648.23	0.06275	557530.26	3776648.23	0.05948
557550.26	3776648.23	0.05638	557570.26	3776648.23	0.05347
557590.26	3776648.23	0.05088	557610.26	3776648.23	0.04833
557630.26	3776648.23	0.04618	557650.26		

3776648.23 0.04412
557670.26 3776648.23 0.04213 557690.26
3776648.23 0.04029
557510.26 3776668.23 0.06224 557530.26
3776668.23 0.05884
557550.26 3776668.23 0.05554 557570.26
3776668.23 0.05240
557590.26 3776668.23 0.04997 557610.26
3776668.23 0.04738
557630.26 3776668.23 0.04516 557650.26
3776668.23 0.04321
557670.26 3776668.23 0.04142 557690.26
3776668.23 0.03966
557510.26 3776688.23 0.06115 557530.26
3776688.23 0.05775
557550.26 3776688.23 0.05456 557570.26
3776688.23 0.05176
557590.26 3776688.23 0.04917 557610.26
3776688.23 0.04664
557630.26 3776688.23 0.04454 557650.26
3776688.23 0.04251
557670.26 3776688.23 0.04058 557690.26
3776688.23 0.03876
556172.49 3776517.81 0.02848 556192.49
3776517.81 0.02953
556212.49 3776517.81 0.03050 556232.49
3776517.81 0.03161
556252.49 3776517.81 0.03281 556272.49
3776517.81 0.03415
556292.49 3776517.81 0.03554 556312.49
3776517.81 0.03696
556332.49 3776517.81 0.03851 556352.49
3776517.81 0.04002
556372.49 3776517.81 0.04146 556392.49
3776517.81 0.04315
556412.49 3776517.81 0.04478 556432.49
3776517.81 0.04641
556452.49 3776517.81 0.04805 556472.49
3776517.81 0.04991
556492.49 3776517.81 0.05179 556172.49
3776537.81 0.02937
556192.49 3776537.81 0.03041 556212.49
3776537.81 0.03152
556232.49 3776537.81 0.03267 556252.49
3776537.81 0.03391
556272.49 3776537.81 0.03522 556292.49
3776537.81 0.03676
556312.49 3776537.81 0.03831 556332.49
3776537.81 0.03996
556352.49 3776537.81 0.04161 556372.49

3776537.81   0.04321
         556392.49   3776537.81   0.04484   556412.49
3776537.81   0.04670
         556432.49   3776537.81   0.04854   556452.49
3776537.81   0.05031
         556472.49   3776537.81   0.05235   556492.49
3776537.81   0.05442
         556332.49   3776557.81   0.04156   556352.49
3776557.81   0.04322
         556372.49   3776557.81   0.04508   556392.49
3776557.81   0.04689
         556412.49   3776557.81   0.04890   556432.49
3776557.81   0.05085
         556452.49   3776557.81   0.05278   556472.49
3776557.81   0.05494
 *** AERMOD - VERSION 23132 ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   16:24:20

                                PAGE 74
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                  L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                  L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                  L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                    *** 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
 - - -

```
3776577.81        0.05126
         556432.49    3776577.81        0.05333                    556452.49
3776577.81        0.05552
         556472.49    3776577.81        0.05787                    556492.49
3776577.81        0.06031
         556332.49    3776597.81        0.04497                    556352.49
3776597.81        0.04701
         556372.49    3776597.81        0.04913                    556392.49
3776597.81        0.05125
         556412.49    3776597.81        0.05369                    556432.49
3776597.81        0.05598
         556452.49    3776597.81        0.05826                    556472.49
3776597.81        0.06079
         556492.49    3776597.81        0.06360                    556252.49
3776617.81        0.03944
         556272.49    3776617.81        0.04104                    556292.49
3776617.81        0.04283
         556312.49    3776617.81        0.04480                    556332.49
3776617.81        0.04673
         556352.49    3776617.81        0.04908                    556372.49
3776617.81        0.05146
         556392.49    3776617.81        0.05379                    556412.49
3776617.81        0.05637
         556432.49    3776617.81        0.05884                    556452.49
3776617.81        0.06153
         556472.49    3776617.81        0.06406                    556492.49
3776617.81        0.06715
         556252.49    3776637.81        0.04104                    556272.49
3776637.81        0.04292
         556292.49    3776637.81        0.04466                    556312.49
3776637.81        0.04663
         556332.49    3776637.81        0.04893                    556352.49
3776637.81        0.05125
         556372.49    3776637.81        0.05386                    556392.49
3776637.81        0.05637
         556412.49    3776637.81        0.05912                    556432.49
3776637.81        0.06193
         556452.49    3776637.81        0.06478                    556472.49
3776637.81        0.06779
         556492.49    3776637.81        0.07100                    556252.49
3776657.81        0.04282
         556272.49    3776657.81        0.04476                    556292.49
3776657.81        0.04679
         556312.49    3776657.81        0.04863                    556332.49
3776657.81        0.05115
         556352.49    3776657.81        0.05372                    556372.49
3776657.81        0.05647
         556392.49    3776657.81        0.05909                    556412.49
3776657.81        0.06204
         556432.49    3776657.81        0.06512                    556452.49
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       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556252.49    3776717.81        0.04869                        556272.49
3776717.81        0.05101
         556372.49    3776717.81        0.06544                        556392.49
3776717.81        0.06862
         556412.49    3776717.81        0.07257                        556432.49
3776717.81        0.07652
         556452.49    3776717.81        0.08070                        556472.49
3776717.81        0.08564
         556492.49    3776717.81        0.09029                        556267.40
3776875.81        0.07674
         556239.03    3776853.02        0.06646                        556178.76
3776751.21        0.04568
         556154.45    3776774.51        0.04543                        556119.50
3776705.11        0.03693
         556146.51    3777267.93        0.16582                        556151.00
3777234.88        0.15744
         556144.93    3777179.58        0.13346                        556205.18
3777236.46        0.19772
         556218.00    3777200.04        0.18898                        556774.37
3777347.57        2.51215
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                  L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                  L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
556521.71	3777341.57	1.77839	556539.90	3777344.94	1.89430
556591.78	3777345.39	2.33665	556630.62	3777349.66	2.59195
556684.29	3777349.43	3.06938	556905.58	3777351.19	4.35900
556920.93	3777350.82	3.99502	556942.87	3777350.09	3.33845
556996.26	3777348.26	1.87051	557096.81	3777357.77	0.75408
557115.83	3777363.62	0.65148	557129.36	3777361.43	0.60349
557230.65	3777363.99	0.34722	556466.22	3776816.07	0.21279
556407.87	3776826.19	0.18374	556381.07	3776807.14	0.16099
556404.29	3776771.52	0.15437	556465.21	3776739.51	0.16601
556396.10	3776739.93	0.13834	556323.99	3777265.43	0.64788
556330.60	3777233.99	0.62034	556321.08	3777200.43	0.52552
556275.11	3777267.81	0.51112	556278.28	3777233.46	0.47542
556509.40	3777373.38	1.41985	556529.40	3777373.38	1.52906
556549.40	3777373.38	1.64075	556569.40	3777373.38	1.75489
556589.40	3777373.38	1.86965	556609.40	3777373.38	1.98682
556629.40	3777373.38	2.10427	556649.40	3777373.38	2.22248
556669.40	3777373.38	2.33766	556689.40	3777373.38	2.44800
556709.40	3777373.38	2.55354	556729.40	3777373.38	2.65585
556749.40	3777373.38	2.75664	556769.40	3777373.38	2.86631
556789.40	3777373.38	2.97931	556809.40	3777373.38	3.08317
556829.40	3777373.38	3.16391	556849.40	3777373.38	3.19542
556869.40	3777373.38	3.14951	556889.40	3777373.38	3.01750
556909.40	3777373.38	2.79853	556929.40		

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3777373.38        2.51311
         556949.40    3777373.38        2.19107                        556969.40
3777373.38        1.86924
         556989.40    3777373.38        1.57961                        557009.40
3777373.38        1.33659
         557029.40    3777373.38        1.13899                        557049.40
3777373.38        0.97930
         557069.40    3777373.38        0.84944                        557089.40
3777373.38        0.74273
         557109.40    3777373.38        0.65408                        557129.40
3777373.38        0.57969
         557149.40    3777373.38        0.51673                        557169.40
3777373.38        0.46304
         557189.40    3777373.38        0.41698                        557209.40
3777373.38        0.37720
         557229.40    3777373.38        0.34265                        557249.40
3777373.38        0.31250
         557269.40    3777373.38        0.28607                        557289.40
3777373.38        0.26282
         557309.40    3777373.38        0.24226                        557329.40
3777373.38        0.22397
         557349.40    3777373.38        0.20770                        557369.40
3777373.38        0.19313
         557389.40    3777373.38        0.18004                        557409.40
3777373.38        0.16826
         557429.40    3777373.38        0.15759                        557449.40
3777373.38        0.14795
         557469.40    3777373.38        0.13917                        557489.40
3777373.38        0.13114
         556509.40    3777393.38        1.27114                        556529.40
3777393.38        1.35519
         556549.40    3777393.38        1.44005                        556569.40
3777393.38        1.52582
         556589.40    3777393.38        1.61094                        556609.40
3777393.38        1.69710
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
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                 L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                 L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556629.40    3777393.38        1.78232                       556649.40
3777393.38        1.86787
         556669.40    3777393.38        1.95006                       556689.40
3777393.38        2.02729
         556709.40    3777393.38        2.09778                       556729.40
3777393.38        2.16472
         556749.40    3777393.38        2.22675                       556769.40
3777393.38        2.28957
         556789.40    3777393.38        2.34765                       556809.40
3777393.38        2.38962
         556829.40    3777393.38        2.40760                       556849.40
3777393.38        2.39104
         556869.40    3777393.38        2.33073                       556889.40
3777393.38        2.22643
         556909.40    3777393.38        2.08354                       556929.40
3777393.38        1.90790
         556949.40    3777393.38        1.71099                       556969.40
3777393.38        1.50867
         556989.40    3777393.38        1.31665                       557009.40
3777393.38        1.14520
         557029.40    3777393.38        0.99777                       557049.40
3777393.38        0.87313
         557069.40    3777393.38        0.76821                       557089.40
3777393.38        0.67966
         557109.40    3777393.38        0.60450                       557129.40
3777393.38        0.54024
         557149.40    3777393.38        0.48505                       557169.40
3777393.38        0.43731
         557189.40    3777393.38        0.39587                       557209.40
3777393.38        0.35976
         557229.40    3777393.38        0.32813                       557249.40
3777393.38        0.30030
         557269.40    3777393.38        0.27576                       557289.40
3777393.38        0.25403
         557309.40    3777393.38        0.23469                       557329.40
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3777393.38        0.21749
         557349.40    3777393.38        0.20209                    557369.40
3777393.38        0.18826
         557389.40    3777393.38        0.17580                    557409.40
3777393.38        0.16453
         557429.40    3777393.38        0.15433                    557449.40
3777393.38        0.14508
         557469.40    3777393.38        0.13663                    557489.40
3777393.38        0.12889
         556509.40    3777413.38        1.13536                    556529.40
3777413.38        1.19965
         556549.40    3777413.38        1.26386                    556569.40
3777413.38        1.32808
         556589.40    3777413.38        1.39233                    556609.40
3777413.38        1.45639
         556629.40    3777413.38        1.51921                    556649.40
3777413.38        1.58098
         556669.40    3777413.38        1.63853                    556689.40
3777413.38        1.69116
         556709.40    3777413.38        1.73813                    556729.40
3777413.38        1.78050
         556749.40    3777413.38        1.81917                    556769.40
3777413.38        1.85081
         556789.40    3777413.38        1.87724                    556809.40
3777413.38        1.88919
         556829.40    3777413.38        1.88400                    556849.40
3777413.38        1.85644
         556869.40    3777413.38        1.80371                    556889.40
3777413.38        1.72777
         556909.40    3777413.38        1.62983                    556929.40
3777413.38        1.51280
         556949.40    3777413.38        1.38243                    556969.40
3777413.38        1.24586
         556989.40    3777413.38        1.11193                    557009.40
3777413.38        0.98739
         557029.40    3777413.38        0.87580                    557049.40
3777413.38        0.77807
         557069.40    3777413.38        0.69338                    557089.40
3777413.38        0.62018
         557109.40    3777413.38        0.55682                    557129.40
3777413.38        0.50173
         557149.40    3777413.38        0.45373                    557169.40
3777413.38        0.41164
         557189.40    3777413.38        0.37468                    557209.40
3777413.38        0.34212
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , . . . ,

*** 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
557229.40	3777413.38	0.31332	557249.40	3777413.38	0.28781
557269.40	3777413.38	0.26515	557289.40	3777413.38	0.24496
557309.40	3777413.38	0.22691	557329.40	3777413.38	0.21074
557349.40	3777413.38	0.19624	557369.40	3777413.38	0.18313
557389.40	3777413.38	0.17132	557409.40	3777413.38	0.16062
557429.40	3777413.38	0.15086	557449.40	3777413.38	0.14200
557469.40	3777413.38	0.13393	557489.40	3777413.38	0.12650
556509.40	3777433.38	1.01261	556529.40	3777433.38	1.06215
556549.40	3777433.38	1.11147	556569.40	3777433.38	1.16058
556589.40	3777433.38	1.20878	556609.40	3777433.38	1.25643
556629.40	3777433.38	1.30262	556649.40	3777433.38	1.34639
556669.40	3777433.38	1.38643	556689.40	3777433.38	1.42127
556709.40	3777433.38	1.45194	556729.40		

3777433.38 1.47752
556749.40 3777433.38 1.49998 556769.40
3777433.38 1.51535
556789.40 3777433.38 1.52548 556809.40
3777433.38 1.52510
556829.40 3777433.38 1.51252 556849.40
3777433.38 1.48613
556869.40 3777433.38 1.44424 556889.40
3777433.38 1.38804
556909.40 3777433.38 1.31812 556929.40
3777433.38 1.23606
556949.40 3777433.38 1.14449 556969.40
3777433.38 1.04766
556989.40 3777433.38 0.95050 557009.40
3777433.38 0.85762
557029.40 3777433.38 0.77179 557049.40
3777433.38 0.69446
557069.40 3777433.38 0.62580 557089.40
3777433.38 0.56524
557109.40 3777433.38 0.51192 557129.40
3777433.38 0.46487
557149.40 3777433.38 0.42330 557169.40
3777433.38 0.38641
557189.40 3777433.38 0.35366 557209.40
3777433.38 0.32450
557229.40 3777433.38 0.29845 557249.40
3777433.38 0.27521
557269.40 3777433.38 0.25439 557289.40
3777433.38 0.23570
557309.40 3777433.38 0.21895 557329.40
3777433.38 0.20383
557349.40 3777433.38 0.19015 557369.40
3777433.38 0.17782
557389.40 3777433.38 0.16669 557409.40
3777433.38 0.15654
557429.40 3777433.38 0.14724 557449.40
3777433.38 0.13879
557469.40 3777433.38 0.13106 557489.40
3777433.38 0.12397
556509.40 3777453.38 0.90320 556529.40
3777453.38 0.94155
556549.40 3777453.38 0.97942 556569.40
3777453.38 1.01708
556589.40 3777453.38 1.05378 556609.40
3777453.38 1.08947
556629.40 3777453.38 1.12286 556649.40
3777453.38 1.15372
556669.40 3777453.38 1.18108 556689.40
3777453.38 1.20421
556709.40 3777453.38 1.22368 556729.40

3777453.38   1.23870
         556749.40   3777453.38   1.25023   556769.40
3777453.38   1.25753
         556789.40   3777453.38   1.25937   556809.40
3777453.38   1.25422

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                  L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                  L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                                *** 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
 -
- -
         556829.40   3777453.38   1.24043   556849.40
3777453.38   1.21791
         556869.40   3777453.38   1.18529   556889.40
3777453.38   1.14341
         556909.40   3777453.38   1.09189   556929.40
3777453.38   1.03199
         556949.40   3777453.38   0.96515   556969.40
3777453.38   0.89395
         556989.40   3777453.38   0.82137   557009.40
3777453.38   0.75041
         557029.40   3777453.38   0.68336   557049.40
3777453.38   0.62155
         557069.40   3777453.38   0.56553   557089.40
3777453.38   0.51523
         557109.40   3777453.38   0.47028   557129.40

3777453.38 0.43011
557149.40 3777453.38 0.39421 557169.40
3777453.38 0.36198
557189.40 3777453.38 0.33309 557209.40
3777453.38 0.30713
557229.40 3777453.38 0.28371 557249.40
3777453.38 0.26265
557269.40 3777453.38 0.24361 557289.40
3777453.38 0.22642
557309.40 3777453.38 0.21089 557329.40
3777453.38 0.19682
557349.40 3777453.38 0.18407 557369.40
3777453.38 0.17244
557389.40 3777453.38 0.16191 557409.40
3777453.38 0.15233
557429.40 3777453.38 0.14354 557449.40
3777453.38 0.13550
557469.40 3777453.38 0.12811 557489.40
3777453.38 0.12132
556509.40 3777473.38 0.80642 556529.40
3777473.38 0.83653
556549.40 3777473.38 0.86603 556569.40
3777473.38 0.89466
556589.40 3777473.38 0.92265 556609.40
3777473.38 0.94911
556629.40 3777473.38 0.97327 556649.40
3777473.38 0.99458
556669.40 3777473.38 1.01294 556689.40
3777473.38 1.02805
556709.40 3777473.38 1.03981 556729.40
3777473.38 1.04840
556749.40 3777473.38 1.05442 556769.40
3777473.38 1.05666
556789.40 3777473.38 1.05521 556809.40
3777473.38 1.04856
556829.40 3777473.38 1.03615 556849.40
3777473.38 1.01744
556869.40 3777473.38 0.99200 556889.40
3777473.38 0.96004
556909.40 3777473.38 0.92110 556929.40
3777473.38 0.87604
556949.40 3777473.38 0.82584 556969.40
3777473.38 0.77204
556989.40 3777473.38 0.71655 557009.40
3777473.38 0.66138
557029.40 3777473.38 0.60820 557049.40
3777473.38 0.55823
557069.40 3777473.38 0.51215 557089.40
3777473.38 0.47014
557109.40 3777473.38 0.43210 557129.40

         557429.40   3777473.38   0.13972   557449.40
3777473.38   0.13212
         557469.40   3777473.38   0.12509   557489.40
3777473.38   0.11861
         556509.40   3777493.38   0.72134   556529.40

3777493.38 0.74475
556549.40 3777493.38 0.76779 556569.40
3777493.38 0.79037
556589.40 3777493.38 0.81146 556609.40
3777493.38 0.83068
556629.40 3777493.38 0.84796 556649.40
3777493.38 0.86265
556669.40 3777493.38 0.87447 556689.40
3777493.38 0.88403
556709.40 3777493.38 0.89109 556729.40
3777493.38 0.89557
556749.40 3777493.38 0.89854 556769.40
3777493.38 0.89844
556789.40 3777493.38 0.89569 556809.40
3777493.38 0.88929
556829.40 3777493.38 0.87850 556849.40
3777493.38 0.86342
556869.40 3777493.38 0.84335 556889.40
3777493.38 0.81840
556909.40 3777493.38 0.78833 556929.40
3777493.38 0.75368
556949.40 3777493.38 0.71507 556969.40
3777493.38 0.67352
556989.40 3777493.38 0.63028 557009.40
3777493.38 0.58670
557029.40 3777493.38 0.54402 557049.40
3777493.38 0.50323
557069.40 3777493.38 0.46503 557089.40
3777493.38 0.42971
557109.40 3777493.38 0.39738 557129.40
3777493.38 0.36788
557149.40 3777493.38 0.34102 557169.40
3777493.38 0.31654
557189.40 3777493.38 0.29418 557209.40
3777493.38 0.27379
557229.40 3777493.38 0.25511 557249.40
3777493.38 0.23801
557269.40 3777493.38 0.22235 557289.40
3777493.38 0.20799
557309.40 3777493.38 0.19482 557329.40
3777493.38 0.18277
557349.40 3777493.38 0.17172 557369.40
3777493.38 0.16159
557389.40 3777493.38 0.15229 557409.40
3777493.38 0.14376
557429.40 3777493.38 0.13587 557449.40
3777493.38 0.12865
557469.40 3777493.38 0.12201 557489.40
3777493.38 0.11585
556509.40 3777513.38 0.64677 556529.40

```
3777513.38        0.66535
         556549.40    3777513.38        0.68344                        556569.40
3777513.38        0.70014
         556589.40    3777513.38        0.71593                        556609.40
3777513.38        0.73017
         556629.40    3777513.38        0.74199                        556649.40
3777513.38        0.75194
         556669.40    3777513.38        0.75979                        556689.40
3777513.38        0.76592
         556709.40    3777513.38        0.77000                        556729.40
3777513.38        0.77219
         556749.40    3777513.38        0.77329                        556769.40
3777513.38        0.77208
         556789.40    3777513.38        0.76898                        556809.40
3777513.38        0.76335
         556829.40    3777513.38        0.75440                        556849.40
3777513.38        0.74218
         556869.40    3777513.38        0.72619                        556889.40
3777513.38        0.70640
         556909.40    3777513.38        0.68280                        556929.40
3777513.38        0.65561
         556949.40    3777513.38        0.62534                        556969.40
3777513.38        0.59268
         556989.40    3777513.38        0.55843                        557009.40
3777513.38        0.52355
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                  L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                  L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                                *** 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
557029.40	3777513.38	0.48892	557049.40	3777513.38	0.45535
557069.40	3777513.38	0.42345	557089.40	3777513.38	0.39359
557109.40	3777513.38	0.36595	557129.40	3777513.38	0.34052
557149.40	3777513.38	0.31719	557169.40	3777513.38	0.29580
557189.40	3777513.38	0.27614	557209.40	3777513.38	0.25810
557229.40	3777513.38	0.24145	557249.40	3777513.38	0.22615
557269.40	3777513.38	0.21201	557289.40	3777513.38	0.19895
557309.40	3777513.38	0.18693	557329.40	3777513.38	0.17583
557349.40	3777513.38	0.16560	557369.40	3777513.38	0.15615
557389.40	3777513.38	0.14747	557409.40	3777513.38	0.13946
557429.40	3777513.38	0.13204	557449.40	3777513.38	0.12520
557469.40	3777513.38	0.11888	557489.40	3777513.38	0.11304
556509.40	3777533.38	0.58145	556529.40	3777533.38	0.59608
556549.40	3777533.38	0.61007	556569.40	3777533.38	0.62303
556589.40	3777533.38	0.63469	556609.40	3777533.38	0.64472
556629.40	3777533.38	0.65301	556649.40	3777533.38	0.65964
556669.40	3777533.38	0.66486	556689.40	3777533.38	0.66851
556709.40	3777533.38	0.67067	556729.40	3777533.38	0.67167
556749.40	3777533.38	0.67170	556769.40	3777533.38	0.67023
556789.40	3777533.38	0.66709	556809.40	3777533.38	0.66222
556829.40	3777533.38	0.65478	556849.40	3777533.38	0.64490
556869.40	3777533.38	0.63204	556889.40	3777533.38	0.61615
556909.40	3777533.38	0.59730	556929.40		

```
3777533.38        0.57564
         556949.40    3777533.38        0.55154                          556969.40
3777533.38        0.52546
         556989.40    3777533.38        0.49797                          557009.40
3777533.38        0.46972
         557029.40    3777533.38        0.44136                          557049.40
3777533.38        0.41353
         557069.40    3777533.38        0.38673                          557089.40
3777533.38        0.36135
         557109.40    3777533.38        0.33761                          557129.40
3777533.38        0.31558
         557149.40    3777533.38        0.29524                          557169.40
3777533.38        0.27647
         557189.40    3777533.38        0.25914                          557209.40
3777533.38        0.24317
         557229.40    3777533.38        0.22834                          557249.40
3777533.38        0.21465
         557269.40    3777533.38        0.20192                          557289.40
3777533.38        0.19011
         557309.40    3777533.38        0.17915                          557329.40
3777533.38        0.16897
         557349.40    3777533.38        0.15954                          557369.40
3777533.38        0.15078
         557389.40    3777533.38        0.14266                          557409.40
3777533.38        0.13516
         557429.40    3777533.38        0.12820                          557449.40
3777533.38        0.12176
         557469.40    3777533.38        0.11576                          557489.40
3777533.38        0.11021
         556509.40    3777553.38        0.52412                          556529.40
3777553.38        0.53567
         556549.40    3777553.38        0.54650                          556569.40
3777553.38        0.55620
         556589.40    3777553.38        0.56464                          556609.40
3777553.38        0.57182
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
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                 L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                 L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556629.40    3777553.38        0.57751                       556649.40
3777553.38        0.58189
         556669.40    3777553.38        0.58533                       556689.40
3777553.38        0.58756
         556709.40    3777553.38        0.58867                       556729.40
3777553.38        0.58899
         556749.40    3777553.38        0.58869                       556769.40
3777553.38        0.58708
         556789.40    3777553.38        0.58413                       556809.40
3777553.38        0.57987
         556829.40    3777553.38        0.57373                       556849.40
3777553.38        0.56560
         556869.40    3777553.38        0.55513                       556889.40
3777553.38        0.54225
         556909.40    3777553.38        0.52698                       556929.40
3777553.38        0.50949
         556949.40    3777553.38        0.49004                       556969.40
3777553.38        0.46895
         556989.40    3777553.38        0.44660                       557009.40
3777553.38        0.42349
         557029.40    3777553.38        0.40007                       557049.40
3777553.38        0.37684
         557069.40    3777553.38        0.35422                       557089.40
3777553.38        0.33254
         557109.40    3777553.38        0.31205                       557129.40
3777553.38        0.29290
         557149.40    3777553.38        0.27509                       557169.40
3777553.38        0.25856
         557189.40    3777553.38        0.24324                       557209.40
3777553.38        0.22905
         557229.40    3777553.38        0.21585                       557249.40
3777553.38        0.20357
         557269.40    3777553.38        0.19213                       557289.40
3777553.38        0.18147
         557309.40    3777553.38        0.17151                       557329.40
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3777553.38        0.16222
         557349.40    3777553.38        0.15356                       557369.40
3777553.38        0.14547
         557389.40    3777553.38        0.13792                       557409.40
3777553.38        0.13091
         557429.40    3777553.38        0.12439                       557449.40
3777553.38        0.11832
         557469.40    3777553.38        0.11267                       557489.40
3777553.38        0.10739
         557438.91    3777336.71        0.15787                       556615.91
3777136.99        5.80142
         556586.37    3777056.16        1.40390                       556672.35
3776929.14        0.93724
         556692.35    3776929.14        1.02638                       556712.35
3776929.14        1.12306
         556732.35    3776929.14        1.21798                       556752.35
3776929.14        1.31470
         556772.35    3776929.14        1.38759                       556792.35
3776929.14        1.45138
         556812.35    3776929.14        1.51681                       556832.35
3776929.14        1.55919
         556852.35    3776929.14        1.61018                       556672.35
3776949.14        1.07461
         556692.35    3776949.14        1.18318                       556712.35
3776949.14        1.29711
         556732.35    3776949.14        1.41028                       556752.35
3776949.14        1.51577
         556772.35    3776949.14        1.61415                       556792.35
3776949.14        1.70545
         556812.35    3776949.14        1.78176                       556832.35
3776949.14        1.83426
         556852.35    3776949.14        1.89895                       556672.35
3776969.14        1.24608
         556692.35    3776969.14        1.37937                       556712.35
3776969.14        1.51910
         556732.35    3776969.14        1.65666                       556752.35
3776969.14        1.78483
         556772.35    3776969.14        1.90379                       556792.35
3776969.14        2.01707
         556812.35    3776969.14        2.11096                       556832.35
3776969.14        2.19100
         556852.35    3776969.14        2.27550                       556672.35
3776989.14        1.46442
         556692.35    3776989.14        1.62968                       556712.35
3776989.14        1.80093
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , . . . ,

*** 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
556732.35	3776989.14	1.96720	556752.35	3776989.14	2.12412
556772.35	3776989.14	2.27105	556792.35	3776989.14	2.41729
556812.35	3776989.14	2.53977	556832.35	3776989.14	2.65547
556852.35	3776989.14	2.77921	556672.35	3777009.14	1.74593
556692.35	3777009.14	1.95645	556712.35	3777009.14	2.16664
556732.35	3777009.14	2.36548	556752.35	3777009.14	2.55716
556772.35	3777009.14	2.74441	556792.35	3777009.14	2.93785
556812.35	3777009.14	3.11230	556832.35	3777009.14	3.28499
556852.35	3777009.14	3.47269	556672.35	3777029.14	2.12895
556692.35	3777029.14	2.39642	556712.35	3777029.14	2.65451
556732.35	3777029.14	2.88620	556752.35	3777029.14	3.11940
556772.35	3777029.14	3.36646	556792.35	3777029.14	3.63643
556812.35	3777029.14	3.90618	556832.35		

3777029.14 4.18754
556852.35 3777029.14 4.45971 556672.35
3777049.14 2.67462
556692.35 3777049.14 3.01674 556712.35
3777049.14 3.32127
556732.35 3777049.14 3.58467 556752.35
3777049.14 3.86790
556772.35 3777049.14 4.20773 556792.35
3777049.14 4.61038
556812.35 3777049.14 5.06532 556832.35
3777049.14 5.53349
556852.35 3777049.14 5.92790 556927.54
3776959.53 2.23966
556947.54 3776959.53 2.10891 556967.54
3776959.53 1.91170
556987.54 3776959.53 1.68922 557007.54
3776959.53 1.47206
557027.54 3776959.53 1.28044 557047.54
3776959.53 1.11845
557067.54 3776959.53 0.98180 557087.54
3776959.53 0.86477
556927.54 3776979.53 2.60262 556947.54
3776979.53 2.38200
556967.54 3776979.53 2.10039 556987.54
3776979.53 1.81486
557007.54 3776979.53 1.56300 557027.54
3776979.53 1.34932
557047.54 3776979.53 1.17207 557067.54
3776979.53 1.02323
557087.54 3776979.53 0.89575 556927.54
3776999.53 3.02351
556947.54 3776999.53 2.67619 556967.54
3776999.53 2.29544
556987.54 3776999.53 1.94926 557007.54
3776999.53 1.65908
557027.54 3776999.53 1.42312 557047.54
3776999.53 1.22879
557067.54 3776999.53 1.06553 557087.54
3776999.53 0.92655
556927.54 3777019.53 3.50357 556947.54
3777019.53 2.98932
556967.54 3777019.53 2.49814 556987.54
3777019.53 2.08980
557007.54 3777019.53 1.76389 557027.54
3777019.53 1.50296
557047.54 3777019.53 1.28836 557067.54
3777019.53 1.10857
557087.54 3777019.53 0.95687 556927.54
3777039.53 4.04525
556947.54 3777039.53 3.32267 556967.54

3777039.53   2.71642
         556987.54   3777039.53   2.24497   557007.54
3777039.53   1.87992
         557027.54   3777039.53   1.58871   557047.54
3777039.53   1.34980

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                  L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                  L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                                *** 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
 -
- -
         557067.54   3777039.53   1.15131   557087.54
3777039.53   0.98641
         557047.54   3777059.53   1.40850   557067.54
3777059.53   1.19075
         557087.54   3777059.53   1.01297   556919.02
3777174.93   13.35286
         556939.02   3777174.93   8.32418   556919.02
3777194.93   13.47085
         556939.02   3777194.93   8.61494   556919.02
3777214.93   13.49326
         556939.02   3777214.93   8.76748   556919.02
3777234.93   13.86725
         556939.02   3777234.93   9.13302   556919.02
3777254.93   15.65004
         556939.02   3777254.93   10.38078   557023.57

3777171.57 2.23579
557043.57 3777171.57 1.77033 557063.57
3777171.57 1.43201
557083.57 3777171.57 1.17889 557023.57
3777191.57 2.27043
557043.57 3777191.57 1.79098 557063.57
3777191.57 1.44606
557083.57 3777191.57 1.18882 557023.57
3777211.57 2.26742
557043.57 3777211.57 1.78346 557063.57
3777211.57 1.43795
557083.57 3777211.57 1.18860 557023.57
3777231.57 2.22665
557043.57 3777231.57 1.74929 557063.57
3777231.57 1.41095
557083.57 3777231.57 1.17393 557023.57
3777251.57 2.15803
557043.57 3777251.57 1.69676 557063.57
3777251.57 1.36972
557083.57 3777251.57 1.14415 556249.05
3776972.85 0.18073
556269.05 3776972.85 0.19073 556229.05
3776992.85 0.18084
556249.05 3776992.85 0.19073 556269.05
3776992.85 0.20309
556289.05 3776992.85 0.21616 556309.05
3776992.85 0.22986
556329.05 3776992.85 0.24383 556209.05
3777012.85 0.18087
556229.05 3777012.85 0.19009 556249.05
3777012.85 0.20206
556269.05 3777012.85 0.21580 556289.05
3777012.85 0.23103
556309.05 3777012.85 0.24640 556329.05
3777012.85 0.26518
556209.05 3777032.85 0.18920 556229.05
3777032.85 0.20080
556249.05 3777032.85 0.21405 556269.05
3777032.85 0.22897
556289.05 3777032.85 0.24604 556309.05
3777032.85 0.26440
556209.05 3777052.85 0.19961 556229.05
3777052.85 0.21218
556249.05 3777052.85 0.22750 556269.05
3777052.85 0.24376
556289.05 3777052.85 0.26220 556309.05
3777052.85 0.28292
556249.05 3777072.85 0.24103 556269.05
3777072.85 0.25950
556289.05 3777072.85 0.27980 556269.05

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                  L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                  L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                    *** 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
 - - -

```
3777007.49        0.43921
         556481.69    3777007.49        0.48861                   556441.69
3777027.49        0.43570
         556461.69    3777027.49        0.47979                   556481.69
3777027.49        0.53690
         556251.24    3777154.95        0.32077                   556261.28
3777141.20        0.31864
         556264.98    3777168.16        0.35594                   556279.25
3777151.77        0.35713
         556202.60    3777113.45        0.23316                   556220.05
3777109.75        0.24522
         556187.53    3777090.19        0.20794                   556164.27
3777121.38        0.21130
         557510.26    3776508.23        0.13225                   557530.26
3776508.23        0.12515
         557550.26    3776508.23        0.11838                   557570.26
3776508.23        0.11199
         557590.26    3776508.23        0.10609                   557610.26
3776508.23        0.10067
         557630.26    3776508.23        0.09553                   557650.26
3776508.23        0.09079
         557670.26    3776508.23        0.08626                   557690.26
3776508.23        0.08199
         557510.26    3776528.23        0.13173                   557530.26
3776528.23        0.12440
         557550.26    3776528.23        0.11754                   557570.26
3776528.23        0.11099
         557590.26    3776528.23        0.10508                   557610.26
3776528.23        0.09960
         557630.26    3776528.23        0.09454                   557650.26
3776528.23        0.08987
         557670.26    3776528.23        0.08532                   557690.26
3776528.23        0.08118
         557510.26    3776548.23        0.13073                   557530.26
3776548.23        0.12343
         557550.26    3776548.23        0.11621                   557570.26
3776548.23        0.10962
         557590.26    3776548.23        0.10378                   557610.26
3776548.23        0.09830
         557630.26    3776548.23        0.09329                   557650.26
3776548.23        0.08871
         557670.26    3776548.23        0.08431                   557690.26
3776548.23        0.08032
         557510.26    3776568.23        0.12943                   557530.26
3776568.23        0.12201
         557550.26    3776568.23        0.11487                   557570.26
3776568.23        0.10822
         557590.26    3776568.23        0.10235                   557610.26
3776568.23        0.09693
         557630.26    3776568.23        0.09199                   557650.26
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3776568.23        0.08755
         557670.26    3776568.23        0.08326                        557690.26
3776568.23        0.07930
         557510.26    3776588.23        0.12788                        557530.26
3776588.23        0.12052
         557550.26    3776588.23        0.11344                        557570.26
3776588.23        0.10680
         557590.26    3776588.23        0.10087                        557610.26
3776588.23        0.09555
         557630.26    3776588.23        0.09083                        557650.26
3776588.23        0.08644
         557670.26    3776588.23        0.08233                        557690.26
3776588.23        0.07855
         557510.26    3776608.23        0.12627                        557530.26
3776608.23        0.11897
         557550.26    3776608.23        0.11196                        557570.26
3776608.23        0.10553
         557590.26    3776608.23        0.09964                        557610.26
3776608.23        0.09442
         557630.26    3776608.23        0.08977                        557650.26
3776608.23        0.08544
         557670.26    3776608.23        0.08140                        557690.26
3776608.23        0.07767
         557510.26    3776628.23        0.12483                        557530.26
3776628.23        0.11751
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                  L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                  L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                                *** 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
557550.26	3776628.23	0.11059	557570.26	3776628.23	0.10457
557590.26	3776628.23	0.09865	557610.26	3776628.23	0.09352
557630.26	3776628.23	0.08887	557650.26	3776628.23	0.08467
557670.26	3776628.23	0.08072	557690.26	3776628.23	0.07709
557510.26	3776648.23	0.12352	557530.26	3776648.23	0.11619
557550.26	3776648.23	0.10946	557570.26	3776648.23	0.10331
557590.26	3776648.23	0.09784	557610.26	3776648.23	0.09269
557630.26	3776648.23	0.08822	557650.26	3776648.23	0.08407
557670.26	3776648.23	0.08017	557690.26	3776648.23	0.07661
557510.26	3776668.23	0.12224	557530.26	3776668.23	0.11498
557550.26	3776668.23	0.10822	557570.26	3776668.23	0.10199
557590.26	3776668.23	0.09675	557610.26	3776668.23	0.09168
557630.26	3776668.23	0.08718	557650.26	3776668.23	0.08316
557670.26	3776668.23	0.07950	557690.26	3776668.23	0.07605
557510.26	3776688.23	0.12082	557530.26	3776688.23	0.11367
557550.26	3776688.23	0.10715	557570.26	3776688.23	0.10133
557590.26	3776688.23	0.09602	557610.26	3776688.23	0.09104
557630.26	3776688.23	0.08671	557650.26	3776688.23	0.08263
557670.26	3776688.23	0.07887	557690.26	3776688.23	0.07538
556172.49	3776517.81	0.05522	556192.49	3776517.81	0.05710
556212.49	3776517.81	0.05875	556232.49	3776517.81	0.06067
556252.49	3776517.81	0.06274	556272.49	3776517.81	0.06512
556292.49	3776517.81	0.06763	556312.49		

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3776517.81        0.07026
         556332.49    3776517.81        0.07324                        556352.49
3776517.81        0.07624
         556372.49    3776517.81        0.07921                        556392.49
3776517.81        0.08286
         556412.49    3776517.81        0.08644                        556432.49
3776517.81        0.09002
         556452.49    3776517.81        0.09358                        556472.49
3776517.81        0.09754
         556492.49    3776517.81        0.10144                        556172.49
3776537.81        0.05702
         556192.49    3776537.81        0.05884                        556212.49
3776537.81        0.06080
         556232.49    3776537.81        0.06279                        556252.49
3776537.81        0.06493
         556272.49    3776537.81        0.06719                        556292.49
3776537.81        0.06996
         556312.49    3776537.81        0.07277                        556332.49
3776537.81        0.07588
         556352.49    3776537.81        0.07905                        556372.49
3776537.81        0.08226
         556392.49    3776537.81        0.08566                        556412.49
3776537.81        0.08968
         556432.49    3776537.81        0.09370                        556452.49
3776537.81        0.09757
         556472.49    3776537.81        0.10195                        556492.49
3776537.81        0.10632
         556332.49    3776557.81        0.07885                        556352.49
3776557.81        0.08193
         556372.49    3776557.81        0.08556                        556392.49
3776557.81        0.08922
         556412.49    3776557.81        0.09346                        556432.49
3776557.81        0.09767
         556452.49    3776557.81        0.10189                        556472.49
3776557.81        0.10657
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
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                 L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                 L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556492.49    3776557.81        0.11147                       556332.49
3776577.81        0.08178
         556352.49    3776577.81        0.08535                       556372.49
3776577.81        0.08908
         556392.49    3776577.81        0.09315                       556412.49
3776577.81        0.09754
         556432.49    3776577.81        0.10191                       556452.49
3776577.81        0.10664
         556472.49    3776577.81        0.11173                       556492.49
3776577.81        0.11697
         556332.49    3776597.81        0.08530                       556352.49
3776597.81        0.08896
         556372.49    3776597.81        0.09285                       556392.49
3776597.81        0.09685
         556412.49    3776597.81        0.10173                       556432.49
3776597.81        0.10643
         556452.49    3776597.81        0.11130                       556472.49
3776597.81        0.11676
         556492.49    3776597.81        0.12280                       556252.49
3776617.81        0.07594
         556272.49    3776617.81        0.07871                       556292.49
3776617.81        0.08183
         556312.49    3776617.81        0.08530                       556332.49
3776617.81        0.08863
         556352.49    3776617.81        0.09285                       556372.49
3776617.81        0.09717
         556392.49    3776617.81        0.10148                       556412.49
3776617.81        0.10647
         556432.49    3776617.81        0.11137                       556452.49
3776617.81        0.11695
         556472.49    3776617.81        0.12235                       556492.49
3776617.81        0.12899
         556252.49    3776637.81        0.07908                       556272.49
3776637.81        0.08246
         556292.49    3776637.81        0.08541                       556312.49
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3776637.81        0.08882
         556332.49    3776637.81        0.09290                     556352.49
3776637.81        0.09696
         556372.49    3776637.81        0.10166                     556392.49
3776637.81        0.10616
         556412.49    3776637.81        0.11132                     556432.49
3776637.81        0.11675
         556452.49    3776637.81        0.12248                     556472.49
3776637.81        0.12877
         556492.49    3776637.81        0.13561                     556252.49
3776657.81        0.08262
         556272.49    3776657.81        0.08606                     556292.49
3776657.81        0.08965
         556312.49    3776657.81        0.09270                     556332.49
3776657.81        0.09719
         556352.49    3776657.81        0.10172                     556372.49
3776657.81        0.10658
         556392.49    3776657.81        0.11115                     556412.49
3776657.81        0.11653
         556432.49    3776657.81        0.12233                     556452.49
3776657.81        0.12862
         556472.49    3776657.81        0.13535                     556492.49
3776657.81        0.14280
         556252.49    3776677.81        0.08642                     556272.49
3776677.81        0.08950
         556292.49    3776677.81        0.09329                     556312.49
3776677.81        0.09739
         556332.49    3776677.81        0.10183                     556352.49
3776677.81        0.10672
         556372.49    3776677.81        0.11171                     556392.49
3776677.81        0.11675
         556412.49    3776677.81        0.12272                     556432.49
3776677.81        0.12852
         556452.49    3776677.81        0.13516                     556472.49
3776677.81        0.14262
         556492.49    3776677.81        0.15065                     556252.49
3776697.81        0.09052
         556272.49    3776697.81        0.09380                     556372.49
3776697.81        0.11740
         556392.49    3776697.81        0.12248                     556412.49
3776697.81        0.12888
         556432.49    3776697.81        0.13532                     556452.49
3776697.81        0.14226
         556472.49    3776697.81        0.15032                     556492.49
3776697.81        0.15917
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , . . . ,

*** 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
556252.49	3776717.81	0.09414	556272.49	3776717.81	0.09828
556372.49	3776717.81	0.12355	556392.49	3776717.81	0.12887
556412.49	3776717.81	0.13582	556432.49	3776717.81	0.14277
556452.49	3776717.81	0.15024	556472.49	3776717.81	0.15955
556492.49	3776717.81	0.16848	556267.40	3776875.81	0.14472
556239.03	3776853.02	0.12623	556178.76	3776751.21	0.08919
556154.45	3776774.51	0.08823	556119.50	3776705.11	0.07269
556146.51	3777267.93	0.29783	556151.00	3777234.88	0.27940
556144.93	3777179.58	0.23467	556205.18	3777236.46	0.34698
556218.00	3777200.04	0.32785	556774.37	3777347.57	3.94880

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

*** 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)
556521.71	3777341.57	75.16975	(19010708)	556539.90	3777344.94	68.32065	(19012108)
556591.78	3777345.39	123.64907	(19011608)	556630.62	3777349.66	159.82655	(19011608)
556684.29	3777349.43	191.19060	(19010208)	556905.58	3777351.19	126.42050	(21012508)
556920.93	3777350.82	119.44259	(21012508)	556942.87	3777350.09	94.50194	(21012508)
556996.26	3777348.26	52.11710	(19020411)	557096.81	3777357.77	36.82795	(21122315)
557115.83	3777363.62	31.50194	(21122315)	557129.36	3777361.43	31.48529	(23020708)
557230.65	3777363.99	27.57127	(23020708)	556466.22	3776816.07	18.02752	(18120615)
556407.87	3776826.19	46.05279	(21120708)	556381.07	3776807.14	43.33862	(21120708)
556404.29	3776771.52	13.69991	(18120615)	556465.21	3776739.51	19.50213	(23011008)
556396.10	3776739.93	12.87109	(18120615)	556323.99	3777265.43	34.05410	(18122608)
556330.60	3777233.99	28.62133	(19112008)	556321.08	3777200.43	27.41763	(19112008)
556275.11	3777267.81	26.38551	(18122608)	556278.28	3777233.46	24.82362	(19112008)
556509.40	3777373.38	58.40378	(19011608)	556529.40	3777373.38	76.93106	(19011608)
556549.40	3777373.38	97.28062	(19011608)	556569.40	3777373.38	116.55429	(19011608)
556589.40	3777373.38	130.86610	(19011608)	556609.40	3777373.38	135.56697	(19011608)

```
        556629.40   3777373.38      128.08427  (19011608)              556649.40
3777373.38      126.43358  (19010208)
        556669.40   3777373.38      173.01459  (19010208)              556689.40
3777373.38      206.30557  (19010208)
        556709.40   3777373.38      208.82131  (19010208)              556729.40
3777373.38      175.16320  (19010208)
        556749.40   3777373.38      119.70395  (19010208)              556769.40
3777373.38       76.93306  (23010912)
        556789.40   3777373.38       82.77450  (20031809)              556809.40
3777373.38       86.29505  (21012015)
        556829.40   3777373.38       90.08586  (20112708)              556849.40
3777373.38       98.29496  (20112708)
        556869.40   3777373.38       87.68273  (20112708)              556889.40
3777373.38       96.23896  (21012508)
        556909.40   3777373.38      107.68292  (21012508)              556929.40
3777373.38      103.01025  (21012508)
        556949.40   3777373.38       85.84993  (21012508)              556969.40
3777373.38       63.64372  (21012508)
        556989.40   3777373.38       48.31151  (21123015)              557009.40
3777373.38       43.17023  (19020411)
        557029.40   3777373.38       41.34014  (19052308)              557049.40
3777373.38       42.99081  (21122315)
        557069.40   3777373.38       42.76946  (21122315)              557089.40
3777373.38       39.83276  (21122315)
        557109.40   3777373.38       34.96636  (21122315)              557129.40
3777373.38       29.11835  (21122315)
        557149.40   3777373.38       28.49560  (23020708)              557169.40
3777373.38       28.92338  (23020708)
        557189.40   3777373.38       28.79111  (23020708)              557209.40
3777373.38       28.14633  (23020708)
        557229.40   3777373.38       27.07527  (23020708)              557249.40
3777373.38       25.69959  (23020708)
        557269.40   3777373.38       24.11906  (23020708)              557289.40
3777373.38       22.45256  (23020708)
        557309.40   3777373.38       21.16531  (20011708)              557329.40
3777373.38       20.91731  (20011708)
        557349.40   3777373.38       20.58604  (20011708)              557369.40
3777373.38       20.11720  (20011708)
        557389.40   3777373.38       19.56169  (20011708)              557409.40
3777373.38       18.93853  (20011708)
        557429.40   3777373.38       18.24122  (20011708)              557449.40
3777373.38       17.54062  (20011708)
        557469.40   3777373.38       16.79941  (20011708)              557489.40
3777373.38       16.00723  (20011708)
        556509.40   3777393.38       75.13988  (19011608)              556529.40
3777393.38       92.09295  (19011608)
        556549.40   3777393.38      107.17200  (19011608)              556569.40
3777393.38      117.06428  (19011608)
        556589.40   3777393.38      118.96103  (19011608)              556609.40
3777393.38      110.85750  (19011608)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                                *** 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)
 -
- -
        556629.40   3777393.38   106.37553 (19010208)   556649.40
3777393.38   145.78545 (19010208)
        556669.40   3777393.38   177.13079 (19010208)   556689.40
3777393.38   186.93138 (19010208)
        556709.40   3777393.38   168.15757 (19010208)   556729.40
3777393.38   125.90434 (19010208)
        556749.40   3777393.38   78.10799 (19010208)   556769.40
3777393.38   64.02789 (20031809)
        556789.40   3777393.38   73.08572 (20031809)   556809.40
3777393.38   74.56927 (21012015)
        556829.40   3777393.38   77.74870 (20112708)   556849.40
3777393.38   84.96047 (20112708)
        556869.40   3777393.38   77.33623 (20112708)   556889.40
3777393.38   78.62458 (21012508)
        556909.40   3777393.38   92.48407 (21012508)   556929.40
3777393.38   94.17515 (21012508)
        556949.40   3777393.38   83.54242 (21012508)   556969.40
3777393.38   66.15936 (21012508)
        556989.40   3777393.38   49.62760 (23022308)   557009.40
3777393.38   39.62954 (21123015)
        557029.40   3777393.38   37.17275 (19020411)   557049.40
3777393.38   35.38584 (19020411)
        557069.40   3777393.38   37.15709 (21122315)   557089.40
3777393.38   37.44192 (21122315)
        557109.40   3777393.38   35.44678 (21122315)   557129.40

3777393.38 31.69538 (21122315)
557149.40 3777393.38 26.97852 (21122315) 557169.40
3777393.38 23.86550 (23020708)
557189.40 3777393.38 24.61688 (23020708) 557209.40
3777393.38 24.93143 (23020708)
557229.40 3777393.38 24.79655 (23020708) 557249.40
3777393.38 24.24535 (23020708)
557269.40 3777393.38 23.41016 (23020708) 557289.40
3777393.38 22.33771 (23020708)
557309.40 3777393.38 21.08046 (23020708) 557329.40
3777393.38 19.77760 (23020708)
557349.40 3777393.38 18.40109 (23020708) 557369.40
3777393.38 18.21026 (20011708)
557389.40 3777393.38 18.02265 (20011708) 557409.40
3777393.38 17.71445 (20011708)
557429.40 3777393.38 17.33649 (20011708) 557449.40
3777393.38 16.90697 (20011708)
557469.40 3777393.38 16.39606 (20011708) 557489.40
3777393.38 15.82066 (20011708)
556509.40 3777413.38 86.91028 (19011608) 556529.40
3777413.38 98.62198 (19011608)
556549.40 3777413.38 105.48255 (19011608) 556569.40
3777413.38 105.26076 (19011608)
556589.40 3777413.38 97.05671 (19011608) 556609.40
3777413.38 90.38406 (19010208)
556629.40 3777413.38 124.38276 (19010208) 556649.40
3777413.38 153.38743 (19010208)
556669.40 3777413.38 167.34030 (19010208) 556689.40
3777413.38 158.45497 (19010208)
556709.40 3777413.38 128.10793 (19010208) 556729.40
3777413.38 87.14935 (19010208)
556749.40 3777413.38 58.16928 (23010912) 556769.40
3777413.38 59.86865 (20031809)
556789.40 3777413.38 64.29773 (20031809) 556809.40
3777413.38 64.89121 (21012015)
556829.40 3777413.38 67.94396 (20112708) 556849.40
3777413.38 74.42623 (20112708)
556869.40 3777413.38 69.04785 (20112708) 556889.40
3777413.38 64.34024 (21012508)
556909.40 3777413.38 79.02386 (21012508) 556929.40
3777413.38 84.95818 (21012508)
556949.40 3777413.38 79.70823 (21012508) 556969.40
3777413.38 66.90368 (21012508)
556989.40 3777413.38 50.88442 (21012508) 557009.40
3777413.38 39.17781 (23022308)
557029.40 3777413.38 32.79600 (21123015) 557049.40
3777413.38 32.33520 (19020411)
557069.40 3777413.38 30.74063 (19020411) 557089.40
3777413.38 32.40506 (21122315)
557109.40 3777413.38 33.01670 (21122315) 557129.40

3777413.38   31.66430 (21122315)
        557149.40   3777413.38   28.83484 (21122315)   557169.40
3777413.38   24.99228 (21122315)
        557189.40   3777413.38   20.75188 (21122315)   557209.40
3777413.38   21.03038 (23020708)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                          *** 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)
 -
- -
        557229.40   3777413.38   21.57504 (23020708)   557249.40
3777413.38   21.75832 (23020708)
        557269.40   3777413.38   21.61645 (23020708)   557289.40
3777413.38   21.18362 (23020708)
        557309.40   3777413.38   20.51221 (23020708)   557329.40
3777413.38   19.64610 (23020708)
        557349.40   3777413.38   18.68536 (23020708)   557369.40
3777413.38   17.59443 (23020708)
        557389.40   3777413.38   16.48625 (23020708)   557409.40
3777413.38   15.98768 (20011708)
        557429.40   3777413.38   15.86299 (20011708)   557449.40
3777413.38   15.69633 (20011708)
        557469.40   3777413.38   15.46804 (20011708)   557489.40
3777413.38   15.13831 (20011708)
        556509.40   3777433.38   90.79953 (19011608)   556529.40
3777433.38   95.22151 (19011608)
        556549.40   3777433.38   93.59178 (19011608)   556569.40
3777433.38   85.49638 (19011608)
        556589.40   3777433.38   77.58149 (19010208)   556609.40
3777433.38   106.77477 (19010208)

```
        556629.40   3777433.38      133.60562  (19010208)              556649.40
3777433.38      149.61531  (19010208)
        556669.40   3777433.38      147.76978  (19010208)              556689.40
3777433.38      127.13255  (19010208)
        556709.40   3777433.38       93.62198  (19010208)              556729.40
3777433.38       58.97252  (19010208)
        556749.40   3777433.38       49.25360  (23010912)              556769.40
3777433.38       55.43113  (20031809)
        556789.40   3777433.38       56.40386  (20031809)              556809.40
3777433.38       56.87594  (21012015)
        556829.40   3777433.38       59.96511  (20112708)              556849.40
3777433.38       65.71953  (20112708)
        556869.40   3777433.38       61.87970  (20112708)              556889.40
3777433.38       55.55728  (20122813)
        556909.40   3777433.38       67.12461  (21012508)              556929.40
3777433.38       75.23064  (21012508)
        556949.40   3777433.38       74.66261  (21012508)              556969.40
3777433.38       66.04487  (21012508)
        556989.40   3777433.38       52.96516  (21012508)              557009.40
3777433.38       40.57377  (23022308)
        557029.40   3777433.38       32.70685  (21123015)              557049.40
3777433.38       28.11489  (19020411)
        557069.40   3777433.38       28.37934  (19020411)              557089.40
3777433.38       26.95072  (19020411)
        557109.40   3777433.38       28.48360  (21122315)              557129.40
3777433.38       29.26555  (21122315)
        557149.40   3777433.38       28.45324  (21122315)              557169.40
3777433.38       26.26285  (21122315)
        557189.40   3777433.38       23.17135  (21122315)              557209.40
3777433.38       19.60688  (21122315)
        557229.40   3777433.38       17.94787  (23020708)              557249.40
3777433.38       18.67677  (23020708)
        557269.40   3777433.38       19.08476  (23020708)              557289.40
3777433.38       19.19417  (23020708)
        557309.40   3777433.38       19.08410  (23020708)              557329.40
3777433.38       18.71029  (23020708)
        557349.40   3777433.38       18.13204  (23020708)              557369.40
3777433.38       17.44841  (23020708)
        557389.40   3777433.38       16.69108  (23020708)              557409.40
3777433.38       15.82272  (23020708)
        557429.40   3777433.38       14.86063  (23020708)              557449.40
3777433.38       14.10351  (20011708)
        557469.40   3777433.38       14.08659  (20011708)              557489.40
3777433.38       13.99728  (20011708)
        556509.40   3777453.38       86.31712  (19011608)              556529.40
3777453.38       83.79528  (19011608)
        556549.40   3777453.38       76.06823  (19011608)              556569.40
3777453.38       67.13443  (19010208)
        556589.40   3777453.38       92.34997  (19010208)              556609.40
3777453.38      116.55372  (19010208)
```

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                                *** 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)
 -
- -
        556829.40   3777453.38   53.46004 (20112708)   556849.40
3777453.38   58.66119 (20112708)
        556869.40   3777453.38   55.93825 (20112708)   556889.40
3777453.38   50.53430 (20122813)
        556909.40   3777453.38   56.85118 (21012508)   556929.40
3777453.38   65.98979 (21012508)
        556949.40   3777453.38   68.54632 (21012508)   556969.40
3777453.38   63.84854 (21012508)
        556989.40   3777453.38   53.91593 (21012508)   557009.40
3777453.38   41.86992 (21012508)
        557029.40   3777453.38   32.96066 (23022308)   557049.40
3777453.38   27.71122 (21123015)
        557069.40   3777453.38   25.00481 (19020411)   557089.40
3777453.38   25.09929 (19020411)
        557109.40   3777453.38   23.81571 (19020411)   557129.40

```
3777453.38       25.18811  (21122315)
        557149.40   3777453.38       26.11174  (21122315)                557169.40
3777453.38       25.63129  (21122315)
        557189.40   3777453.38       23.99573  (21122315)                557209.40
3777453.38       21.50080  (21122315)
        557229.40   3777453.38       18.48651  (21122315)                557249.40
3777453.38       15.98342  (18011008)
        557269.40   3777453.38       16.17711  (23020708)                557289.40
3777453.38       16.71550  (23020708)
        557309.40   3777453.38       17.03695  (23020708)                557329.40
3777453.38       17.11800  (23020708)
        557349.40   3777453.38       17.00022  (23020708)                557369.40
3777453.38       16.67215  (23020708)
        557389.40   3777453.38       16.23085  (23020708)                557409.40
3777453.38       15.69267  (23020708)
        557429.40   3777453.38       15.02696  (23020708)                557449.40
3777453.38       14.29356  (23020708)
        557469.40   3777453.38       13.50880  (23020708)                557489.40
3777453.38       12.69337  (23020708)
        556509.40   3777473.38       75.42433  (19011608)                556529.40
3777473.38       67.94955  (19011608)
        556549.40   3777473.38       58.51941  (19010208)                556569.40
3777473.38       80.43553  (19010208)
        556589.40   3777473.38      102.18466  (19010208)                556609.40
3777473.38      118.86977  (19010208)
        556629.40   3777473.38      125.24841  (19010208)                556649.40
3777473.38      118.10323  (19010208)
        556669.40   3777473.38       98.32807  (19010208)                556689.40
3777473.38       71.75575  (19010208)
        556709.40   3777473.38       45.90669  (19010208)                556729.40
3777473.38       39.46684  (23010912)
        556749.40   3777473.38       41.09051  (20031809)                556769.40
3777473.38       46.41746  (20031809)
        556789.40   3777473.38       44.48813  (21012015)                556809.40
3777473.38       44.45657  (21012015)
        556829.40   3777473.38       47.95556  (20112708)                556849.40
3777473.38       52.70194  (20112708)
        556869.40   3777473.38       50.79454  (20112708)                556889.40
3777473.38       46.00488  (20122813)
        556909.40   3777473.38       48.15416  (21012508)                556929.40
3777473.38       57.83874  (21012508)
        556949.40   3777473.38       62.43181  (21012508)                556969.40
3777473.38       60.76894  (21012508)
        556989.40   3777473.38       53.80654  (21012508)                557009.40
3777473.38       43.83790  (21012508)
        557029.40   3777473.38       33.83701  (23022308)                557049.40
3777473.38       27.35993  (21123015)
        557069.40   3777473.38       23.60712  (21123015)                557089.40
3777473.38       22.37281  (19020411)
        557109.40   3777473.38       22.34966  (19020411)                557129.40
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                          *** 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)
 -
- -
        557429.40   3777473.38   14.64175 (23020708)   557449.40
3777473.38   14.18709 (23020708)
        557469.40   3777473.38   13.62392 (23020708)   557489.40
3777473.38   12.99688 (23020708)
        556509.40   3777493.38   61.22581 (19011608)   556529.40
3777493.38   51.64446 (19011608)
        556549.40   3777493.38   70.55268 (19010208)   556569.40
3777493.38   89.81393 (19010208)
        556589.40   3777493.38   105.88034 (19010208)   556609.40
3777493.38   114.31627 (19010208)

556629.40 3777493.38 111.40704 (19010208) 556649.40
3777493.38 97.31707 (19010208)
556669.40 3777493.38 75.62255 (19010208) 556689.40
3777493.38 51.75288 (19010208)
556709.40 3777493.38 37.01142 (21012908) 556729.40
3777493.38 33.93122 (23010912)
556749.40 3777493.38 39.11162 (20031809) 556769.40
3777493.38 42.10142 (20031809)
556789.40 3777493.38 40.26120 (21012015) 556809.40
3777493.38 39.61924 (21012015)
556829.40 3777493.38 43.32943 (20112708) 556849.40
3777493.38 47.58944 (20112708)
556869.40 3777493.38 46.30434 (20112708) 556889.40
3777493.38 41.92129 (20122813)
556909.40 3777493.38 40.82289 (21012508) 556929.40
3777493.38 50.34995 (21012508)
556949.40 3777493.38 56.24968 (21012508) 556969.40
3777493.38 56.91673 (21012508)
556989.40 3777493.38 52.66779 (21012508) 557009.40
3777493.38 44.86120 (21012508)
557029.40 3777493.38 35.46328 (21012508) 557049.40
3777493.38 28.26882 (23022308)
557069.40 3777493.38 23.63525 (21123015) 557089.40
3777493.38 20.21126 (21123015)
557109.40 3777493.38 20.12609 (19020411) 557129.40
3777493.38 20.02277 (19020411)
557149.40 3777493.38 18.97768 (19020411) 557169.40
3777493.38 20.04243 (21122315)
557189.40 3777493.38 21.04192 (21122315) 557209.40
3777493.38 21.07048 (21122315)
557229.40 3777493.38 20.17028 (21122315) 557249.40
3777493.38 18.54453 (21122315)
557269.40 3777493.38 16.42618 (21122315) 557289.40
3777493.38 14.05511 (21122315)
557309.40 3777493.38 13.03934 (18011008) 557329.40
3777493.38 12.85387 (23020708)
557349.40 3777493.38 13.35842 (23020708) 557369.40
3777493.38 13.69920 (23020708)
557389.40 3777493.38 13.89217 (23020708) 557409.40
3777493.38 13.93477 (23020708)
557429.40 3777493.38 13.81021 (23020708) 557449.40
3777493.38 13.60569 (23020708)
557469.40 3777493.38 13.30332 (23020708) 557489.40
3777493.38 12.89576 (23020708)
556509.40 3777513.38 46.70920 (19011608) 556529.40
3777513.38 62.19294 (19010208)
556549.40 3777513.38 79.56250 (19010208) 556569.40
3777513.38 95.19511 (19010208)
556589.40 3777513.38 104.54441 (19010208) 556609.40
3777513.38 104.70633 (19010208)

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        556629.40   3777513.38       95.41294  (19010208)                556649.40
3777513.38       77.82627  (19010208)
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3777513.38       36.68734  (19010208)
        556709.40   3777513.38       32.19963  (23010912)                556729.40
3777513.38       30.10689  (20031809)
        556749.40   3777513.38       36.89579  (20031809)                556769.40
3777513.38       38.02263  (20031809)
        556789.40   3777513.38       36.52117  (21012015)                556809.40
3777513.38       35.46055  (21012015)
        556829.40   3777513.38       39.36489  (20112708)                556849.40
3777513.38       43.22018  (20112708)
        556869.40   3777513.38       42.39362  (20112708)                556889.40
3777513.38       38.24112  (20122813)
        556909.40   3777513.38       34.59952  (21012508)                556929.40
3777513.38       43.70240  (21012508)
        556949.40   3777513.38       50.31039  (21012508)                556969.40
3777513.38       52.73256  (21012508)
        556989.40   3777513.38       50.66059  (21012508)                557009.40
3777513.38       44.96305  (21012508)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        557029.40   3777513.38       37.02040  (21012508)                557049.40
3777513.38       28.80185  (23022308)
        557069.40   3777513.38       23.65172  (23022308)                557089.40
3777513.38       20.48370  (21123015)
        557109.40   3777513.38       17.46857  (19020411)                557129.40
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3777513.38 18.19442 (19020411)
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3777513.38 12.51994 (23020708)
557429.40 3777513.38 12.65540 (23020708) 557449.40
3777513.38 12.67722 (23020708)
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3777513.38 12.41260 (23020708)
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3777533.38 95.09146 (19010208)
556589.40 3777533.38 97.73634 (19010208) 556609.40
3777533.38 91.86687 (19010208)
556629.40 3777533.38 78.32608 (19010208) 556649.40
3777533.38 60.11485 (19010208)
556669.40 3777533.38 41.31737 (19010208) 556689.40
3777533.38 31.18348 (21012908)
556709.40 3777533.38 28.31057 (23010912) 556729.40
3777533.38 29.54325 (20031809)
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3777533.38 34.20691 (20031809)
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3777533.38 31.86810 (21012015)
556829.40 3777533.38 35.98671 (20112708) 556849.40
3777533.38 39.46041 (20112708)
556869.40 3777533.38 38.96241 (20112708) 556889.40
3777533.38 34.92508 (20122813)
556909.40 3777533.38 32.31016 (20122813) 556929.40
3777533.38 37.85137 (21012508)
556949.40 3777533.38 44.68997 (21012508) 556969.40
3777533.38 48.30488 (21012508)
556989.40 3777533.38 48.06501 (21012508) 557009.40
3777533.38 44.26832 (21012508)
557029.40 3777533.38 37.88745 (21012508) 557049.40
3777533.38 30.44255 (21012508)
557069.40 3777533.38 24.52379 (23022308) 557089.40
3777533.38 20.33508 (21123015)
557109.40 3777533.38 17.81197 (21123015) 557129.40

3777533.38   15.96412 (19020411)
        557149.40   3777533.38   16.52009 (19020411)   557169.40
3777533.38   16.32573 (19020411)
        557189.40   3777533.38   15.46440 (19020411)   557209.40
3777533.38   16.26046 (21122315)
        557229.40   3777533.38   17.25232 (21122315)   557249.40
3777533.38   17.53737 (21122315)
        557269.40   3777533.38   17.10491 (21122315)   557289.40
3777533.38   16.07028 (21122315)
        557309.40   3777533.38   14.58080 (21122315)   557329.40
3777533.38   12.80860 (21122315)
        557349.40   3777533.38   11.48955 (18011008)   557369.40
3777533.38   10.92232 (18011008)
        557389.40   3777533.38   10.47056 (23020708)   557409.40
3777533.38   10.92516 (23020708)
        557429.40   3777533.38   11.25873 (23020708)   557449.40
3777533.38   11.48719 (23020708)
        557469.40   3777533.38   11.59472 (23020708)   557489.40
3777533.38   11.60539 (23020708)
        556509.40   3777553.38   63.32476 (19010208)   556529.40
3777553.38   76.68238 (19010208)
        556549.40   3777553.38   86.64526 (19010208)   556569.40
3777553.38   90.99755 (19010208)
        556589.40   3777553.38   88.03584 (19010208)   556609.40
3777553.38   77.74276 (19010208)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                          *** 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)
 - - -

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        556629.40   3777553.38       62.48191  (19010208)              556649.40
3777553.38       45.44290  (19010208)
        556669.40   3777553.38       30.78148  (21012908)              556689.40
3777553.38       26.65020  (23010912)
        556709.40   3777553.38       24.61584  (23010912)              556729.40
3777553.38       28.68227  (20031809)
        556749.40   3777553.38       32.11180  (20031809)              556769.40
3777553.38       30.67485  (20031809)
        556789.40   3777553.38       30.30670  (21012015)              556809.40
3777553.38       28.75198  (21012015)
        556829.40   3777553.38       33.02789  (20112708)              556849.40
3777553.38       36.20882  (20112708)
        556869.40   3777553.38       35.96644  (20112708)              556889.40
3777553.38       32.40558  (20112708)
        556909.40   3777553.38       30.20695  (20122813)              556929.40
3777553.38       32.85769  (21012508)
        556949.40   3777553.38       39.50218  (21012508)              556969.40
3777553.38       43.93045  (21012508)
        556989.40   3777553.38       45.03066  (21012508)              557009.40
3777553.38       42.90526  (21012508)
        557029.40   3777553.38       38.03563  (21012508)              557049.40
3777553.38       31.69226  (21012508)
        557069.40   3777553.38       24.96906  (21012508)              557089.40
3777553.38       20.87093  (23022308)
        557109.40   3777553.38       17.88302  (21123015)              557129.40
3777553.38       15.53947  (21123015)
        557149.40   3777553.38       14.63744  (19020411)              557169.40
3777553.38       15.06181  (19020411)
        557189.40   3777553.38       14.84335  (19020411)              557209.40
3777553.38       14.05732  (19020411)
        557229.40   3777553.38       14.72249  (21122315)              557249.40
3777553.38       15.70304  (21122315)
        557269.40   3777553.38       16.05984  (21122315)              557289.40
3777553.38       15.79559  (21122315)
        557309.40   3777553.38       14.98044  (21122315)              557329.40
3777553.38       13.73594  (21122315)
        557349.40   3777553.38       12.20861  (21122315)              557369.40
3777553.38       10.79693  (18011008)
        557389.40   3777553.38       10.32035  (18011008)              557409.40
3777553.38        9.79361  (18011008)
        557429.40   3777553.38        9.75252  (23020708)              557449.40
3777553.38       10.12719  (23020708)
        557469.40   3777553.38       10.40338  (23020708)              557489.40
3777553.38       10.57422  (23020708)
        557438.91   3777336.71       17.72345  (20010608)              556615.91
3777136.99      234.42766  (21122408)
        556586.37   3777056.16      105.93477  (21120708)              556672.35
3776929.14      123.64551  (23011008)
        556692.35   3776929.14      138.72755  (23011008)              556712.35
3776929.14      148.25243  (21120908)
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        556732.35   3776929.14      165.61682  (21120908)                556752.35
3776929.14      153.06159  (21120908)
        556772.35   3776929.14      136.80048  (21012208)                556792.35
3776929.14      170.47703  (21012208)
        556812.35   3776929.14      182.25424  (18010908)                556832.35
3776929.14      197.12839  (18011108)
        556852.35   3776929.14      183.20922  (18011108)                556672.35
3776949.14      117.36278  (23011008)
        556692.35   3776949.14      145.44229  (23011008)                556712.35
3776949.14      154.25123  (23011008)
        556732.35   3776949.14      178.16171  (21120908)                556752.35
3776949.14      179.13287  (21120908)
        556772.35   3776949.14      146.04507  (21120908)                556792.35
3776949.14      184.05555  (21012208)
        556812.35   3776949.14      198.70519  (18010908)                556832.35
3776949.14      217.30183  (18011108)
        556852.35   3776949.14      201.91461  (18011108)                556672.35
3776969.14      104.18569  (23011008)
        556692.35   3776969.14      143.63125  (23011008)                556712.35
3776969.14      169.38158  (23011008)
        556732.35   3776969.14      184.66733  (21120908)                556752.35
3776969.14      204.37784  (21120908)
        556772.35   3776969.14      181.66230  (21120908)                556792.35
3776969.14      198.17952  (21012208)
        556812.35   3776969.14      217.39837  (18010908)                556832.35
3776969.14      241.27940  (18011108)
        556852.35   3776969.14      224.22144  (18011108)                556672.35
3776989.14       86.02582  (23011008)
        556692.35   3776989.14      132.29881  (23011008)                556712.35
3776989.14      175.29401  (23011008)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,

                                          *** 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)
556732.35	3776989.14	194.38705	(23011008)	556752.35	3776989.14	225.54006	(21120908)
556772.35	3776989.14	220.73032	(21120908)	556792.35	3776989.14	212.98445	(21012208)
556812.35	3776989.14	242.25208	(21012208)	556832.35	3776989.14	269.75063	(18011108)
556852.35	3776989.14	251.19527	(18011108)	556672.35	3777009.14	92.58832	(21120708)
556692.35	3777009.14	112.62977	(23011008)	556712.35	3777009.14	169.07876	(23011008)
556732.35	3777009.14	212.39282	(23011008)	556752.35	3777009.14	239.07249	(21120908)
556772.35	3777009.14	260.62633	(21120908)	556792.35	3777009.14	228.40374	(21012208)
556812.35	3777009.14	273.66837	(21012208)	556832.35	3777009.14	304.07735	(18011108)
556852.35	3777009.14	284.33419	(18011108)	556672.35	3777029.14	156.96870	(21120708)
556692.35	3777029.14	121.15468	(21120708)	556712.35	3777029.14	150.12745	(23011008)
556732.35	3777029.14	216.73219	(23011008)	556752.35	3777029.14	254.29713	(23011008)
556772.35	3777029.14	297.56317	(21120908)	556792.35	3777029.14	281.59454	(21120908)
556812.35	3777029.14	310.45779	(21012208)	556832.35	3777029.14	346.76083	(18011108)
556852.35	3777029.14	326.08644	(20010908)	556672.35	3777049.14	223.01087	(21120708)
556692.35	3777049.14	202.66507	(21120708)	556712.35	3777049.14	162.21337	(21120708)
556732.35	3777049.14	203.49649	(23011008)	556752.35	3777049.14	277.61525	(23011008)
556772.35	3777049.14	326.96146	(21120908)	556792.35	3777049.14	347.41836	(21120908)
556812.35	3777049.14	354.79644	(21012208)	556832.35	3777049.14	400.61445	(18011108)
556852.35	3777049.14	389.15602	(20010908)	556927.54	3776959.53	205.40091	(20121408)
556947.54	3776959.53	196.75505	(20012008)	556967.54	3776959.53	190.33706	(19122508)
556987.54	3776959.53	161.52394	(19122508)	557007.54	3776959.53	115.69878	(19122508)
557027.54	3776959.53	71.98816	(19122508)	557047.54	3776959.53	40.56718	(19122508)
557067.54	3776959.53	32.97780	(19112811)	557087.54			

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3776959.53       31.80755  (19112811)
        556927.54   3776979.53      228.09653  (20121408)                556947.54
3776979.53      219.75004  (20012008)
        556967.54   3776979.53      198.46442  (19122508)                556987.54
3776979.53      148.60592  (19122508)
        557007.54   3776979.53       94.08932  (19122508)                557027.54
3776979.53       52.62003  (19122508)
        557047.54   3776979.53       38.11891  (19112811)                557067.54
3776979.53       36.33216  (19112811)
        557087.54   3776979.53       32.32316  (19112811)                556927.54
3776999.53      253.73335  (20012008)
        556947.54   3776999.53      241.20431  (19122508)                556967.54
3776999.53      191.88934  (19122508)
        556987.54   3776999.53      124.98250  (19122508)                557007.54
3776999.53       69.73304  (19122508)
        557027.54   3776999.53       44.47255  (19112811)                557047.54
3776999.53       41.73678  (19112811)
        557067.54   3776999.53       37.72693  (19122315)                557087.54
3776999.53       40.85868  (19122315)
        556927.54   3777019.53      288.04816  (20012008)                556947.54
3777019.53      248.15007  (19122508)
        556967.54   3777019.53      168.79513  (19122508)                556987.54
3777019.53       94.71536  (19122508)
        557007.54   3777019.53       52.36204  (19112811)                557027.54
3777019.53       48.36244  (19112811)
        557047.54   3777019.53       48.10922  (19122315)                557067.54
3777019.53       50.39107  (19122315)
        557087.54   3777019.53       49.84824  (19122315)                556927.54
3777039.53      319.22149  (19122508)
        556947.54   3777039.53      231.69270  (19122508)                556967.54
3777039.53      132.35876  (19122508)
        556987.54   3777039.53       64.54764  (19122508)                557007.54
3777039.53       56.85818  (19122315)
        557027.54   3777039.53       61.28459  (19122315)                557047.54
3777039.53       61.77911  (19122315)
↟ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    ,
```

*** 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)
557067.54	3777039.53	58.68719	(19122315)	557087.54	3777039.53	53.05242	(19122315)
557047.54	3777059.53	67.75350	(19122315)	557067.54	3777059.53	58.51211	(19122315)
557087.54	3777059.53	48.46323	(19122315)	556919.02	3777174.93	379.68838	(18121708)
556939.02	3777174.93	273.10697	(18121708)	556919.02	3777194.93	351.54941	(18123110)
556939.02	3777194.93	257.55229	(18123110)	556919.02	3777214.93	289.28731	(18123110)
556939.02	3777214.93	245.86762	(18123110)	556919.02	3777234.93	192.02908	(23020708)
556939.02	3777234.93	179.10696	(23020708)	556919.02	3777254.93	152.10677	(19052308)
556939.02	3777254.93	134.42565	(19052308)	557023.57	3777171.57	105.12667	(18121708)
557043.57	3777171.57	89.70240	(18121708)	557063.57	3777171.57	77.59622	(18121708)
557083.57	3777171.57	67.99707	(18121708)	557023.57	3777191.57	111.01287	(18121708)
557043.57	3777191.57	95.70716	(18121708)	557063.57	3777191.57	83.42456	(18121708)
557083.57	3777191.57	73.60490	(18121708)	557023.57	3777211.57	104.46591	(20010608)
557043.57	3777211.57	88.93951	(20010608)	557063.57	3777211.57	77.92136	(19122313)
557083.57	3777211.57	68.66185	(19122313)	557023.57	3777231.57	105.37473	(18123110)
557043.57	3777231.57	87.30992	(20011708)	557063.57	3777231.57	77.39996	(20010608)
557083.57	3777231.57	68.07896	(20010608)	557023.57	3777251.57	100.12338	(18123110)
557043.57	3777251.57	88.94933	(18123110)	557063.57	3777251.57	77.38320	(18123110)
557083.57	3777251.57	66.80339	(18123110)	556249.05	3776972.85	37.97321	(20121008)
556269.05	3776972.85	36.21121	(20121008)	556229.05	3776992.85	49.55719	(20121008)
556249.05	3776992.85	49.15598	(20121008)	556269.05	3776992.85	48.23035	(20121008)

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        556289.05   3776992.85       47.02321  (20121008)               556309.05
3776992.85       45.36606  (20121008)
        556329.05   3776992.85       44.07331  (20121008)               556209.05
3777012.85       56.08274  (20121008)
        556229.05   3777012.85       57.20436  (20121008)               556249.05
3777012.85       58.11178  (20121008)
        556269.05   3777012.85       58.69530  (20121008)               556289.05
3777012.85       58.87349  (20121008)
        556309.05   3777012.85       58.85180  (20121008)               556329.05
3777012.85       58.00052  (20121008)
        556209.05   3777032.85       57.95556  (20121008)               556229.05
3777032.85       60.48754  (20121008)
        556249.05   3777032.85       62.91150  (20121008)               556269.05
3777032.85       65.16065  (20121008)
        556289.05   3777032.85       67.18650  (20121008)               556309.05
3777032.85       68.86294  (20121008)
        556209.05   3777052.85       58.09175  (21122408)               556229.05
3777052.85       59.38943  (21122408)
        556249.05   3777052.85       62.00305  (20121008)               556269.05
3777052.85       65.66907  (20121008)
        556289.05   3777052.85       69.35231  (20121008)               556309.05
3777052.85       72.99049  (20121008)
        556249.05   3777072.85       66.50488  (21122408)               556269.05
3777072.85       69.01468  (21122408)
        556289.05   3777072.85       71.46274  (21122408)               556269.05
3777092.85       69.80827  (21122408)
        556441.69   3776927.49       97.15310  (21120708)               556461.69
3776927.49      103.34199  (21120708)
        556481.69   3776927.49      105.34284  (21120708)               556421.69
3776947.49       72.08996  (21120708)
        556441.69   3776947.49       87.09956  (21120708)               556461.69
3776947.49      100.13137  (21120708)
        556481.69   3776947.49      110.86825  (21120708)               556401.69
3776967.49       40.41491  (21120708)
        556421.69   3776967.49       53.30247  (21120708)               556441.69
3776967.49       68.69733  (21120708)
        556461.69   3776967.49       85.62902  (21120708)               556481.69
3776967.49      102.03499  (21120708)
        556401.69   3776987.49       28.01624  (20121008)               556421.69
3776987.49       34.83104  (21120708)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ONSITE   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   ,

                                          *** 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)
 -
- -
        556441.69   3776987.49   47.62486 (21120708)   556461.69
3776987.49   63.44211 (21120708)
        556481.69   3776987.49   81.70231 (21120708)   556421.69
3777007.49   42.73574 (20121008)
        556441.69   3777007.49   37.95845 (20121008)   556461.69
3777007.49   41.00160 (21120708)
        556481.69   3777007.49   56.92222 (21120708)   556441.69
3777027.49   62.91687 (20121008)
        556461.69   3777027.49   58.22073 (20121008)   556481.69
3777027.49   52.05103 (20121008)
        556251.24   3777154.95   34.69329 (21122408)   556261.28
3777141.20   45.28416 (21122408)
        556264.98   3777168.16   28.01275 (21122408)   556279.25
3777151.77   40.85325 (21122408)
        556202.60   3777113.45   51.22813 (21122408)   556220.05
3777109.75   55.78434 (21122408)
        556187.53   3777090.19   56.89153 (21122408)   556164.27
3777121.38   41.89982 (21122408)
        557510.26   3776508.23   9.50607 (20011608)   557530.26
3776508.23   9.11630 (20123108)
        557550.26   3776508.23   8.83433 (20123108)   557570.26
3776508.23   8.46815 (20123108)
        557590.26   3776508.23   8.13997 (20123108)   557610.26
3776508.23   7.88835 (20123108)
        557630.26   3776508.23   7.50074 (20123108)   557650.26
3776508.23   7.14578 (20123108)
        557670.26   3776508.23   6.63385 (20123108)   557690.26
3776508.23   6.04696 (20123108)
        557510.26   3776528.23   9.02801 (20123108)   557530.26
3776528.23   8.70454 (20123108)
        557550.26   3776528.23   8.35497 (20123108)   557570.26
3776528.23   7.81986 (20123108)
        557590.26   3776528.23   7.46855 (20123108)   557610.26
3776528.23   7.11502 (20123108)
        557630.26   3776528.23   6.77883 (20123108)   557650.26

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3776528.23        6.44953  (20123108)
        557670.26   3776528.23        5.86799  (20123108)                557690.26
3776528.23        5.55539  (18121108)
        557510.26   3776548.23        8.32731  (20123108)                557530.26
3776548.23        8.07806  (20123108)
        557550.26   3776548.23        7.35356  (20123108)                557570.26
3776548.23        6.75423  (20123108)
        557590.26   3776548.23        6.45734  (20123108)                557610.26
3776548.23        6.09921  (20010208)
        557630.26   3776548.23        5.82626  (20010208)                557650.26
3776548.23        5.59189  (20010208)
        557670.26   3776548.23        5.29040  (18121108)                557690.26
3776548.23        5.24661  (18021908)
        557510.26   3776568.23        7.33354  (20123108)                557530.26
3776568.23        6.96593  (20123108)
        557550.26   3776568.23        6.35533  (20010208)                557570.26
3776568.23        5.80146  (20010208)
        557590.26   3776568.23        5.50116  (20010208)                557610.26
3776568.23        5.41024  (18021908)
        557630.26   3776568.23        5.53652  (18021908)                557650.26
3776568.23        5.56144  (18021908)
        557670.26   3776568.23        5.47949  (18021908)                557690.26
3776568.23        5.30600  (18021908)
        557510.26   3776588.23        6.31716  (19112811)                557530.26
3776588.23        6.09844  (19112811)
        557550.26   3776588.23        5.74018  (19112811)                557570.26
3776588.23        5.55269  (18021908)
        557590.26   3776588.23        5.75654  (18021908)                557610.26
3776588.23        5.84918  (18021908)
        557630.26   3776588.23        5.83475  (18021908)                557650.26
3776588.23        5.71281  (18021908)
        557670.26   3776588.23        5.49447  (18021908)                557690.26
3776588.23        5.44365  (18010408)
        557510.26   3776608.23        6.38008  (19112811)                557530.26
3776608.23        5.97238  (19112811)
        557550.26   3776608.23        5.95332  (18021908)                557570.26
3776608.23        6.12735  (18021908)
        557590.26   3776608.23        6.17489  (18021908)                557610.26
3776608.23        6.10855  (18021908)
        557630.26   3776608.23        5.93813  (18021908)                557650.26
3776608.23        5.66926  (18021908)
        557670.26   3776608.23        5.32099  (18021908)                557690.26
3776608.23        5.05558  (19122315)
        557510.26   3776628.23        6.21361  (19112811)                557530.26
3776628.23        6.37495  (18021908)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:24:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,

*** 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)
557550.26	3776628.23	6.51232	(18021908)	557570.26	3776628.23	6.52732	(18021908)
557590.26	3776628.23	6.39144	(18021908)	557610.26	3776628.23	6.15806	(18021908)
557630.26	3776628.23	5.83252	(18021908)	557650.26	3776628.23	5.43537	(18021908)
557670.26	3776628.23	5.59974	(19122315)	557690.26	3776628.23	5.92468	(19122315)
557510.26	3776648.23	6.81352	(18021908)	557530.26	3776648.23	6.91162	(18021908)
557550.26	3776648.23	6.85783	(18021908)	557570.26	3776648.23	6.66799	(18021908)
557590.26	3776648.23	6.37525	(18021908)	557610.26	3776648.23	5.98405	(18021908)
557630.26	3776648.23	5.79377	(19122315)	557650.26	3776648.23	6.17681	(19122315)
557670.26	3776648.23	6.46316	(19122315)	557690.26	3776648.23	6.64603	(19122315)
557510.26	3776668.23	7.31835	(18021908)	557530.26	3776668.23	7.20778	(18021908)
557550.26	3776668.23	6.95205	(18021908)	557570.26	3776668.23	6.58109	(18021908)
557590.26	3776668.23	6.13492	(18021908)	557610.26	3776668.23	6.43337	(19122315)
557630.26	3776668.23	6.77929	(19122315)	557650.26	3776668.23	7.01477	(19122315)
557670.26	3776668.23	7.13089	(19122315)	557690.26	3776668.23	7.12980	(19122315)
557510.26	3776688.23	7.56112	(18021908)	557530.26	3776688.23	7.23298	(18021908)

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        557550.26   3776688.23        6.78284  (18021908)               557570.26
3776688.23        6.69803  (19122315)
        557590.26   3776688.23        7.11240  (19122315)               557610.26
3776688.23        7.40263  (19122315)
        557630.26   3776688.23        7.56604  (19122315)               557650.26
3776688.23        7.60256  (19122315)
        557670.26   3776688.23        7.51034  (19122315)               557690.26
3776688.23        7.30316  (19122315)
        556172.49   3776517.81        5.64517  (21122410)               556192.49
3776517.81        6.10019  (21122410)
        556212.49   3776517.81        6.31161  (21122410)               556232.49
3776517.81        6.25528  (21122410)
        556252.49   3776517.81        6.43997  (19022015)               556272.49
3776517.81        6.72430  (19120415)
        556292.49   3776517.81        7.96521  (23011008)               556312.49
3776517.81       13.63191  (23011008)
        556332.49   3776517.81       22.47525  (23011008)               556352.49
3776517.81       34.70648  (23011008)
        556372.49   3776517.81       50.19687  (23011008)               556392.49
3776517.81       67.24259  (23011008)
        556412.49   3776517.81       83.09043  (23011008)               556432.49
3776517.81       94.25563  (23011008)
        556452.49   3776517.81       97.56436  (23011008)               556472.49
3776517.81       90.81251  (23011008)
        556492.49   3776517.81       76.53920  (23011008)               556172.49
3776537.81        5.66408  (18120615)
        556192.49   3776537.81        5.98148  (21122410)               556212.49
3776537.81        6.46622  (21122410)
        556232.49   3776537.81        6.69223  (21122410)               556252.49
3776537.81        6.61794  (21122410)
        556272.49   3776537.81        6.85630  (19022015)               556292.49
3776537.81        7.34076  (19120415)
        556312.49   3776537.81        9.68871  (23011008)               556332.49
3776537.81       16.61683  (23011008)
        556352.49   3776537.81       26.88740  (23011008)               556372.49
3776537.81       40.84458  (23011008)
        556392.49   3776537.81       58.00977  (23011008)               556412.49
3776537.81       75.82896  (23011008)
        556432.49   3776537.81       90.94055  (23011008)               556452.49
3776537.81       99.92607  (23011008)
        556472.49   3776537.81       98.61451  (23011008)               556492.49
3776537.81       88.03250  (23011008)
        556332.49   3776557.81       11.98653  (23011008)               556352.49
3776557.81       20.02109  (23011008)
        556372.49   3776557.81       32.06883  (23011008)               556392.49
3776557.81       47.92700  (23011008)
        556412.49   3776557.81       66.29049  (23011008)               556432.49
3776557.81       84.43354  (23011008)
        556452.49   3776557.81       98.53088  (23011008)               556472.49
3776557.81      103.58903  (23011008)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                                *** 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)
 -
- -
        556492.49   3776557.81   98.03566 (23011008)   556332.49
3776577.81   8.82577 (19120415)
        556352.49   3776577.81   14.55449 (23011008)   556372.49
3776577.81   24.28309 (23011008)
        556392.49   3776577.81   38.19590 (23011008)   556412.49
3776577.81   55.81709 (23011008)
        556432.49   3776577.81   75.44265 (23011008)   556452.49
3776577.81   93.27837 (23011008)
        556472.49   3776577.81   104.39970 (23011008)   556492.49
3776577.81   105.46399 (23011008)
        556332.49   3776597.81   8.40612 (19022015)   556352.49
3776597.81   10.28904 (23011008)
        556372.49   3776597.81   17.75250 (23011008)   556392.49
3776597.81   29.20200 (23011008)
        556412.49   3776597.81   45.26356 (23011008)   556432.49
3776597.81   64.80163 (23011008)
        556452.49   3776597.81   85.47504 (23011008)   556472.49
3776597.81   102.14915 (23011008)
        556492.49   3776597.81   109.44832 (23011008)   556252.49
3776617.81   7.33772 (18120615)
        556272.49   3776617.81   7.71342 (18120615)   556292.49
3776617.81   8.35329 (21122410)
        556312.49   3776617.81   8.63065 (21122410)   556332.49
3776617.81   8.57421 (19022015)
        556352.49   3776617.81   9.03046 (19120415)   556372.49

3776617.81 12.71314 (23011008)
556392.49 3776617.81 21.67968 (23011008) 556412.49
3776617.81 35.28232 (23011008)
556432.49 3776617.81 53.41265 (23011008) 556452.49
3776617.81 74.53363 (23011008)
556472.49 3776617.81 95.61163 (23011008) 556492.49
3776617.81 109.38088 (23011008)
556252.49 3776637.81 7.65406 (23122209) 556272.49
3776637.81 7.89751 (18120615)
556292.49 3776637.81 8.31273 (18120615) 556312.49
3776637.81 8.94824 (21122410)
556332.49 3776637.81 9.24167 (21122410) 556352.49
3776637.81 9.24877 (19022015)
556372.49 3776637.81 10.03492 (19120415) 556392.49
3776637.81 15.48913 (23011008)
556412.49 3776637.81 26.38798 (23011008) 556432.49
3776637.81 42.23679 (23011008)
556452.49 3776637.81 62.73708 (23011008) 556472.49
3776637.81 85.34347 (23011008)
556492.49 3776637.81 104.99798 (23011008) 556252.49
3776657.81 10.73098 (21120708)
556272.49 3776657.81 8.21372 (23122209) 556292.49
3776657.81 8.52166 (18120615)
556312.49 3776657.81 8.97755 (18120615) 556332.49
3776657.81 9.61837 (21122410)
556352.49 3776657.81 9.92092 (21122410) 556372.49
3776657.81 10.00190 (19022015)
556392.49 3776657.81 11.15651 (19120415) 556412.49
3776657.81 18.94174 (23011008)
556432.49 3776657.81 31.97596 (23011008) 556452.49
3776657.81 50.45764 (23011008)
556472.49 3776657.81 73.27463 (23011008) 556492.49
3776657.81 96.49263 (23011008)
556252.49 3776677.81 16.93112 (21120708) 556272.49
3776677.81 12.41434 (21120708)
556292.49 3776677.81 8.81131 (23122209) 556312.49
3776677.81 9.21102 (18120615)
556332.49 3776677.81 9.77735 (18120615) 556352.49
3776677.81 10.36183 (21122410)
556372.49 3776677.81 10.67117 (21122410) 556392.49
3776677.81 10.81551 (19022015)
556412.49 3776677.81 13.33046 (23011008) 556432.49
3776677.81 23.20547 (23011008)
556452.49 3776677.81 38.76720 (23011008) 556472.49
3776677.81 60.04689 (23011008)
556492.49 3776677.81 84.72632 (23011008) 556252.49
3776697.81 24.97430 (21120708)
556272.49 3776697.81 19.48694 (21120708) 556372.49
3776697.81 11.18412 (21122410)
556392.49 3776697.81 11.48701 (21122410) 556412.49

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   ,

                                          *** 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)
 -
- -
        556252.49   3776717.81   34.39030 (21120708)   556272.49
3776717.81   28.47853 (21120708)
        556372.49   3776717.81   11.65716 (18120615)   556392.49
3776717.81   12.12001 (18120615)
        556412.49   3776717.81   12.42073 (21122410)   556432.49
3776717.81   12.93287 (19120415)
        556452.49   3776717.81   19.96879 (23011008)   556472.49
3776717.81   35.09346 (23011008)
        556492.49   3776717.81   56.66387 (23011008)   556267.40
3776875.81   37.72780 (21120708)
        556239.03   3776853.02   38.81044 (21120708)   556178.76
3776751.21   51.29606 (21120708)
        556154.45   3776774.51   43.05934 (21120708)   556119.50
3776705.11   46.60903 (21120708)
        556146.51   3777267.93   14.84195 (19112008)   556151.00
3777234.88   17.60933 (19112008)
        556144.93   3777179.58   14.40174 (21122408)   556205.18
3777236.46   20.23531 (19112008)
        556218.00   3777200.04   18.79391 (19112008)   556774.37
3777347.57   106.57361 (19010208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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)
556521.71	3777341.57	67.94212	(19011608)	556539.90	3777344.94	68.93399	(19011608)
556591.78	3777345.39	82.92528	(19010208)	556630.62	3777349.66	76.11260	(19010208)
556684.29	3777349.43	78.10519	(19011608)	556905.58	3777351.19	116.48227	(21012508)
556920.93	3777350.82	119.64669	(21012508)	556942.87	3777350.09	104.82522	(21012508)
556996.26	3777348.26	60.85303	(21122315)	557096.81	3777357.77	33.65738	(18123110)
557115.83	3777363.62	29.64959	(18123110)	557129.36	3777361.43	27.89739	(18123110)
557230.65	3777363.99	18.84093	(20011708)	556466.22	3776816.07	65.94941	(23011008)
556407.87	3776826.19	39.55621	(23011008)	556381.07	3776807.14	32.11406	(23011008)
556404.29	3776771.52	47.87434	(23011008)	556465.21	3776739.51	65.83556	(23011008)
556396.10	3776739.93	49.14078	(23011008)	556323.99	3777265.43	35.04530	(18122608)

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        556330.60   3777233.99       34.25390  (21122408)               556321.08
3777200.43       48.21794  (21122408)
        556275.11   3777267.81       28.69677  (18122608)               556278.28
3777233.46       28.95326  (21122408)
        556509.40   3777373.38       58.15897  (19011608)               556529.40
3777373.38       60.83756  (19010208)
        556549.40   3777373.38       66.85325  (19010208)               556569.40
3777373.38       70.08352  (19010208)
        556589.40   3777373.38       70.70704  (19010208)               556609.40
3777373.38       69.12273  (19010208)
        556629.40   3777373.38       67.29684  (19010208)               556649.40
3777373.38       66.39141  (19010208)
        556669.40   3777373.38       67.68437  (19011608)               556689.40
3777373.38       70.35221  (19011608)
        556709.40   3777373.38       73.19064  (19011608)               556729.40
3777373.38       76.24677  (19011608)
        556749.40   3777373.38       80.61789  (19010208)               556769.40
3777373.38       86.82316  (19010208)
        556789.40   3777373.38       94.36246  (19010208)               556809.40
3777373.38      101.45263  (19010208)
        556829.40   3777373.38      104.17682  (19010208)               556849.40
3777373.38       97.76312  (19010208)
        556869.40   3777373.38       80.55416  (19010208)               556889.40
3777373.38       80.27050  (21012508)
        556909.40   3777373.38       88.45819  (21012508)               556929.40
3777373.38       88.56923  (21012508)
        556949.40   3777373.38       78.65243  (21012508)               556969.40
3777373.38       62.35826  (21012508)
        556989.40   3777373.38       52.54838  (21122315)               557009.40
3777373.38       48.05057  (21122315)
        557029.40   3777373.38       41.28464  (21122315)               557049.40
3777373.38       36.83108  (23020708)
        557069.40   3777373.38       33.62576  (23020708)               557089.40
3777373.38       31.34884  (18123110)
        557109.40   3777373.38       28.94388  (18123110)               557129.40
3777373.38       26.54828  (18123110)
        557149.40   3777373.38       24.35442  (20011708)               557169.40
3777373.38       22.76383  (20011708)
        557189.40   3777373.38       21.32018  (20011708)               557209.40
3777373.38       19.97534  (20011708)
        557229.40   3777373.38       18.70994  (20011708)               557249.40
3777373.38       17.53424  (20011708)
        557269.40   3777373.38       16.44396  (20011708)               557289.40
3777373.38       15.46338  (20011708)
        557309.40   3777373.38       14.56542  (20011708)               557329.40
3777373.38       13.70570  (20011708)
        557349.40   3777373.38       12.94045  (20011708)               557369.40
3777373.38       12.21668  (20011708)
        557389.40   3777373.38       11.54683  (20011708)               557409.40
3777373.38       10.92561  (20011708)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                  INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                       *** 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)
 -
- -
        556629.40   3777393.38   61.99206 (19010208)   556649.40
3777393.38   61.77225 (19010208)
        556669.40   3777393.38   62.82860 (19010208)   556689.40
3777393.38   64.91785 (19010208)
        556709.40   3777393.38   67.90102 (19010208)   556729.40
3777393.38   71.45364 (19010208)
        556749.40   3777393.38   75.88722 (19010208)   556769.40
3777393.38   80.72671 (19010208)
        556789.40   3777393.38   85.09556 (19010208)   556809.40
3777393.38   86.99212 (19010208)

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        556829.40   3777393.38       83.52356  (19010208)                556849.40
3777393.38       72.53916  (19010208)
        556869.40   3777393.38       59.22228  (21012508)                556889.40
3777393.38       66.34130  (21012508)
        556909.40   3777393.38       71.83033  (21012508)                556929.40
3777393.38       72.82923  (21012508)
        556949.40   3777393.38       67.13012  (21012508)                556969.40
3777393.38       56.83210  (21012508)
        556989.40   3777393.38       44.65991  (21012508)                557009.40
3777393.38       41.34412  (21122315)
        557029.40   3777393.38       38.42494  (21122315)                557049.40
3777393.38       33.95410  (21122315)
        557069.40   3777393.38       29.82238  (23020708)                557089.40
3777393.38       27.91642  (23020708)
        557109.40   3777393.38       25.94239  (23020708)                557129.40
3777393.38       23.93912  (23020708)
        557149.40   3777393.38       22.31498  (20011708)                557169.40
3777393.38       21.13031  (20011708)
        557189.40   3777393.38       19.99768  (20011708)                557209.40
3777393.38       18.95806  (20011708)
        557229.40   3777393.38       17.95465  (20011708)                557249.40
3777393.38       16.96539  (20011708)
        557269.40   3777393.38       16.04906  (20011708)                557289.40
3777393.38       15.18054  (20011708)
        557309.40   3777393.38       14.34415  (20011708)                557329.40
3777393.38       13.60907  (20011708)
        557349.40   3777393.38       12.90176  (20011708)                557369.40
3777393.38       12.24313  (20011708)
        557389.40   3777393.38       11.62398  (20011708)                557409.40
3777393.38       11.02999  (20011708)
        557429.40   3777393.38       10.47966  (20011708)                557449.40
3777393.38        9.97168  (20011708)
        557469.40   3777393.38        9.47950  (20011708)                557489.40
3777393.38        9.00401  (20011708)
        556509.40   3777413.38       51.77168  (19010208)                556529.40
3777413.38       55.86595  (19010208)
        556549.40   3777413.38       58.41203  (19010208)                556569.40
3777413.38       59.31485  (19010208)
        556589.40   3777413.38       58.98202  (19010208)                556609.40
3777413.38       58.18255  (19010208)
        556629.40   3777413.38       57.80428  (19010208)                556649.40
3777413.38       58.05354  (19010208)
        556669.40   3777413.38       59.37967  (19010208)                556689.40
3777413.38       61.48897  (19010208)
        556709.40   3777413.38       64.22413  (19010208)                556729.40
3777413.38       67.34972  (19010208)
        556749.40   3777413.38       70.61704  (19010208)                556769.40
3777413.38       73.55786  (19010208)
        556789.40   3777413.38       74.68385  (19010208)                556809.40
3777413.38       72.59386  (19010208)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060
, L0000061 , L0000062 , L0000063 ,
L0000064 , L0000065 , L0000066 , L0000067 , L0000068
, L0000069 , L0000070 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050
, L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058
,

*** 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)

```
        557229.40   3777413.38       16.86474  (20011708)               557249.40
3777413.38       16.09984  (20011708)
        557269.40   3777413.38       15.36394  (20011708)               557289.40
3777413.38       14.64984  (20011708)
        557309.40   3777413.38       13.96146  (20011708)               557329.40
3777413.38       13.29280  (20011708)
        557349.40   3777413.38       12.69050  (20011708)               557369.40
3777413.38       12.08154  (20011708)
        557389.40   3777413.38       11.53392  (20011708)               557409.40
3777413.38       11.00787  (20011708)
        557429.40   3777413.38       10.47963  (20011708)               557449.40
3777413.38       10.00499  (20011708)
        557469.40   3777413.38        9.56197  (20011708)               557489.40
3777413.38        9.11996  (20011708)
        556509.40   3777433.38       50.17347  (19010208)               556529.40
3777433.38       53.02619  (19010208)
        556549.40   3777433.38       54.55771  (19010208)               556569.40
3777433.38       54.90225  (19010208)
        556589.40   3777433.38       54.72530  (19010208)               556609.40
3777433.38       54.35145  (19010208)
        556629.40   3777433.38       54.37565  (19010208)               556649.40
3777433.38       55.04974  (19010208)
        556669.40   3777433.38       56.41806  (19010208)               556689.40
3777433.38       58.44547  (19010208)
        556709.40   3777433.38       60.68105  (19010208)               556729.40
3777433.38       63.03246  (19010208)
        556749.40   3777433.38       64.84102  (19010208)               556769.40
3777433.38       65.64037  (19010208)
        556789.40   3777433.38       64.08025  (19010208)               556809.40
3777433.38       59.32607  (19010208)
        556829.40   3777433.38       51.03343  (19010208)               556849.40
3777433.38       42.24813  (21012508)
        556869.40   3777433.38       45.53799  (21012508)               556889.40
3777433.38       49.20503  (21012508)
        556909.40   3777433.38       52.31479  (21012508)               556929.40
3777433.38       53.42213  (21012508)
        556949.40   3777433.38       51.67182  (21012508)               556969.40
3777433.38       46.91086  (21012508)
        556989.40   3777433.38       40.29884  (21012508)               557009.40
3777433.38       33.26640  (21012508)
        557029.40   3777433.38       28.46428  (21122315)               557049.40
3777433.38       28.25582  (21122315)
        557069.40   3777433.38       26.82474  (21122315)               557089.40
3777433.38       24.55248  (21122315)
        557109.40   3777433.38       21.82037  (21122315)               557129.40
3777433.38       20.15025  (23020708)
        557149.40   3777433.38       19.29590  (23020708)               557169.40
3777433.38       18.31729  (23020708)
        557189.40   3777433.38       17.35018  (23020708)               557209.40
3777433.38       16.38093  (23020708)
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        557229.40   3777433.38       15.55029  (20011708)               557249.40
3777433.38       15.02234  (20011708)
        557269.40   3777433.38       14.46144  (20011708)               557289.40
3777433.38       13.88822  (20011708)
        557309.40   3777433.38       13.36005  (20011708)               557329.40
3777433.38       12.80555  (20011708)
        557349.40   3777433.38       12.24950  (20011708)               557369.40
3777433.38       11.74933  (20011708)
        557389.40   3777433.38       11.30159  (20011708)               557409.40
3777433.38       10.84245  (20011708)
        557429.40   3777433.38       10.35970  (20011708)               557449.40
3777433.38        9.93078  (20011708)
        557469.40   3777433.38        9.51702  (20011708)               557489.40
3777433.38        9.12129  (20011708)
        556509.40   3777453.38       48.26954  (19010208)               556529.40
3777453.38       50.24798  (19010208)
        556549.40   3777453.38       51.26272  (19010208)               556569.40
3777453.38       51.38540  (19010208)
        556589.40   3777453.38       51.26058  (19010208)               556609.40
3777453.38       51.12680  (19010208)
        556629.40   3777453.38       51.52285  (19010208)               556649.40
3777453.38       52.34998  (19010208)
        556669.40   3777453.38       53.62653  (19010208)               556689.40
3777453.38       55.25839  (19010208)
        556709.40   3777453.38       56.84340  (19010208)               556729.40
3777453.38       58.19368  (19010208)
        556749.40   3777453.38       58.60284  (19010208)               556769.40
3777453.38       57.44502  (19010208)
        556789.40   3777453.38       53.99923  (19010208)               556809.40
3777453.38       47.94775  (19010208)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                 L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
                 L0000046    , L0000047    , L0000048    , L0000049    , L0000050
, L0000051    , L0000052    , L0000053    ,
                 L0000054    , L0000055    , L0000056    , L0000057    , L0000058
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*** 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)
556829.40	3777453.38	39.76187	(19010208)	556849.40	3777453.38	38.06988	(21012508)
556869.40	3777453.38	40.78762	(21012508)	556889.40	3777453.38	43.51331	(21012508)
556909.40	3777453.38	45.98027	(21012508)	556929.40	3777453.38	46.88190	(21012508)
556949.40	3777453.38	45.94319	(21012508)	556969.40	3777453.38	42.78804	(21012508)
556989.40	3777453.38	37.92239	(21012508)	557009.40	3777453.38	32.20455	(21012508)
557029.40	3777453.38	26.44719	(21012508)	557049.40	3777453.38	24.26097	(21122315)
557069.40	3777453.38	24.11001	(21122315)	557089.40	3777453.38	23.06362	(21122315)
557109.40	3777453.38	21.36889	(21122315)	557129.40	3777453.38	19.26013	(21122315)
557149.40	3777453.38	17.46970	(23020708)	557169.40	3777453.38	16.84861	(23020708)
557189.40	3777453.38	16.19287	(23020708)	557209.40	3777453.38	15.49889	(23020708)
557229.40	3777453.38	14.74410	(23020708)	557249.40	3777453.38	14.01888	(23020708)
557269.40	3777453.38	13.39721	(20011708)	557289.40	3777453.38	12.98556	(20011708)
557309.40	3777453.38	12.58397	(20011708)	557329.40	3777453.38	12.16133	(20011708)
557349.40	3777453.38	11.74423	(20011708)	557369.40	3777453.38	11.30142	(20011708)
557389.40	3777453.38	10.89997	(20011708)	557409.40	3777453.38	10.52971	(20011708)
557429.40	3777453.38	10.13842	(20011708)	557449.40	3777453.38	9.75860	(20011708)
557469.40	3777453.38	9.38448	(20011708)	557489.40	3777453.38	9.01666	(20011708)
556509.40	3777473.38	46.28088	(19010208)	556529.40	3777473.38	47.54160	(19010208)
556549.40	3777473.38	48.14654	(19010208)	556569.40	3777473.38	48.37637	(19010208)
556589.40	3777473.38	48.28719	(19010208)	556609.40	3777473.38	48.36407	(19010208)

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        556629.40   3777473.38       48.83997  (19010208)                556649.40
3777473.38       49.71475  (19010208)
        556669.40   3777473.38       50.75993  (19010208)                556689.40
3777473.38       51.84386  (19010208)
        556709.40   3777473.38       52.73693  (19010208)                556729.40
3777473.38       53.01064  (19010208)
        556749.40   3777473.38       52.01151  (19010208)                556769.40
3777473.38       49.48326  (19010208)
        556789.40   3777473.38       44.89329  (19010208)                556809.40
3777473.38       38.52510  (19010208)
        556829.40   3777473.38       32.42436  (21012508)                556849.40
3777473.38       34.46213  (21012508)
        556869.40   3777473.38       36.77817  (21012508)                556889.40
3777473.38       38.98431  (21012508)
        556909.40   3777473.38       41.00225  (21012508)                556929.40
3777473.38       41.96763  (21012508)
        556949.40   3777473.38       41.46005  (21012508)                556969.40
3777473.38       39.27050  (21012508)
        556989.40   3777473.38       35.66174  (21012508)                557009.40
3777473.38       31.17732  (21012508)
        557029.40   3777473.38       26.32234  (21012508)                557049.40
3777473.38       21.63454  (21012508)
        557069.40   3777473.38       21.00932  (21122315)                557089.40
3777473.38       20.88860  (21122315)
        557109.40   3777473.38       20.10770  (21122315)                557129.40
3777473.38       18.79548  (21122315)
        557149.40   3777473.38       17.15868  (21122315)                557169.40
3777473.38       15.31804  (21122315)
        557189.40   3777473.38       14.86698  (23020708)                557209.40
3777473.38       14.41193  (23020708)
        557229.40   3777473.38       13.88698  (23020708)                557249.40
3777473.38       13.34930  (23020708)
        557269.40   3777473.38       12.76799  (23020708)                557289.40
3777473.38       12.18353  (23020708)
        557309.40   3777473.38       11.69439  (20011708)                557329.40
3777473.38       11.40034  (20011708)
        557349.40   3777473.38       11.08145  (20011708)                557369.40
3777473.38       10.75977  (20011708)
        557389.40   3777473.38       10.42439  (20011708)                557409.40
3777473.38       10.10900  (20011708)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: OFFSITE ***
                                INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                          *** 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)
 -
- -
        557429.40   3777473.38   9.77622 (20011708)   557449.40
3777473.38   9.47677 (20011708)
        557469.40   3777473.38   9.15582 (20011708)   557489.40
3777473.38   8.83698 (20011708)
        556509.40   3777493.38   44.30520 (19010208)   556529.40
3777493.38   45.29852 (19010208)
        556549.40   3777493.38   45.66840 (19010208)   556569.40
3777493.38   45.56194 (19010208)
        556589.40   3777493.38   45.58553 (19010208)   556609.40
3777493.38   45.87456 (19010208)
        556629.40   3777493.38   46.29514 (19010208)   556649.40
3777493.38   46.97079 (19010208)
        556669.40   3777493.38   47.80105 (19010208)   556689.40
3777493.38   48.31797 (19010208)
        556709.40   3777493.38   48.38827 (19010208)   556729.40
3777493.38   47.70180 (19010208)
        556749.40   3777493.38   45.58022 (19010208)   556769.40
3777493.38   42.13156 (19010208)
        556789.40   3777493.38   37.06603 (19010208)   556809.40
3777493.38   30.85199 (19010208)
        556829.40   3777493.38   29.40482 (21012508)   556849.40
3777493.38   31.26081 (21012508)
        556869.40   3777493.38   33.31211 (21012508)   556889.40
3777493.38   35.24656 (21012508)
        556909.40   3777493.38   36.95097 (21012508)   556929.40
3777493.38   37.85511 (21012508)
        556949.40   3777493.38   37.66482 (21012508)   556969.40
3777493.38   36.12464 (21012508)
        556989.40   3777493.38   33.47799 (21012508)   557009.40
3777493.38   29.95768 (21012508)

```
        557029.40   3777493.38       25.91352  (21012508)                557049.40
3777493.38       21.82185  (21012508)
        557069.40   3777493.38       18.03325  (21012508)                557089.40
3777493.38       18.38886  (21122315)
        557109.40   3777493.38       18.32224  (21122315)                557129.40
3777493.38       17.71437  (21122315)
        557149.40   3777493.38       16.69881  (21122315)                557169.40
3777493.38       15.38536  (21122315)
        557189.40   3777493.38       13.89580  (21122315)                557209.40
3777493.38       13.20991  (23020708)
        557229.40   3777493.38       12.88232  (23020708)                557249.40
3777493.38       12.50952  (23020708)
        557269.40   3777493.38       12.10089  (23020708)                557289.40
3777493.38       11.65976  (23020708)
        557309.40   3777493.38       11.19748  (23020708)                557329.40
3777493.38       10.73517  (23020708)
        557349.40   3777493.38       10.32520  (20011708)                557369.40
3777493.38       10.09391  (20011708)
        557389.40   3777493.38        9.85861  (20011708)                557409.40
3777493.38        9.61156  (20011708)
        557429.40   3777493.38        9.32832  (20011708)                557449.40
3777493.38        9.07962  (20011708)
        557469.40   3777493.38        8.83414  (20011708)                557489.40
3777493.38        8.57085  (20011708)
        556509.40   3777513.38       42.38717  (19010208)                556529.40
3777513.38       43.02524  (19010208)
        556549.40   3777513.38       43.19386  (19010208)                556569.40
3777513.38       43.47037  (19010208)
        556589.40   3777513.38       43.51431  (19010208)                556609.40
3777513.38       43.60522  (19010208)
        556629.40   3777513.38       44.07454  (19010208)                556649.40
3777513.38       44.46814  (19010208)
        556669.40   3777513.38       44.74751  (19010208)                556689.40
3777513.38       44.58336  (19010208)
        556709.40   3777513.38       43.91359  (19010208)                556729.40
3777513.38       42.39553  (19010208)
        556749.40   3777513.38       39.54812  (19010208)                556769.40
3777513.38       35.63164  (19010208)
        556789.40   3777513.38       30.56129  (19010208)                556809.40
3777513.38       25.51973  (21012908)
        556829.40   3777513.38       26.73348  (21012508)                556849.40
3777513.38       28.46704  (21012508)
        556869.40   3777513.38       30.31660  (21012508)                556889.40
3777513.38       32.07214  (21012508)
        556909.40   3777513.38       33.49672  (21012508)                556929.40
3777513.38       34.41937  (21012508)
        556949.40   3777513.38       34.45017  (21012508)                556969.40
3777513.38       33.39778  (21012508)
        556989.40   3777513.38       31.37915  (21012508)                557009.40
3777513.38       28.62337  (21012508)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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)
557029.40	3777513.38	25.28614	(21012508)	557049.40	3777513.38	21.78865	(21012508)
557069.40	3777513.38	18.34484	(21012508)	557089.40	3777513.38	15.83980	(21122315)
557109.40	3777513.38	16.25842	(21122315)	557129.40	3777513.38	16.21313	(21122315)
557149.40	3777513.38	15.75315	(21122315)	557169.40	3777513.38	14.94632	(21122315)
557189.40	3777513.38	13.88273	(21122315)	557209.40	3777513.38	12.67457	(21122315)
557229.40	3777513.38	11.79468	(23020708)	557249.40	3777513.38	11.59179	(23020708)
557269.40	3777513.38	11.32048	(23020708)	557289.40	3777513.38	11.00799	(23020708)
557309.40	3777513.38	10.67569	(23020708)	557329.40	3777513.38	10.31917	(23020708)
557349.40	3777513.38	9.94521	(23020708)	557369.40	3777513.38	9.56168	(23020708)
557389.40	3777513.38	9.20672	(20011708)	557409.40	3777513.38	9.03527	(20011708)

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        557429.40   3777513.38        8.83358  (20011708)              557449.40
3777513.38        8.63173  (20011708)
        557469.40   3777513.38        8.42978  (20011708)              557489.40
3777513.38        8.22527  (20011708)
        556509.40   3777533.38       40.54985  (19010208)              556529.40
3777533.38       41.02941  (19010208)
        556549.40   3777533.38       41.16784  (19010208)              556569.40
3777533.38       41.20467  (19010208)
        556589.40   3777533.38       41.23825  (19010208)              556609.40
3777533.38       41.37243  (19010208)
        556629.40   3777533.38       41.55741  (19010208)              556649.40
3777533.38       41.63707  (19010208)
        556669.40   3777533.38       41.35293  (19010208)              556689.40
3777533.38       40.69905  (19010208)
        556709.40   3777533.38       39.44869  (19010208)              556729.40
3777533.38       37.27456  (19010208)
        556749.40   3777533.38       34.02882  (19010208)              556769.40
3777533.38       29.90961  (19010208)
        556789.40   3777533.38       25.15019  (19010208)              556809.40
3777533.38       22.75534  (21012508)
        556829.40   3777533.38       24.42821  (21012508)              556849.40
3777533.38       26.01606  (21012508)
        556869.40   3777533.38       27.68884  (21012508)              556889.40
3777533.38       29.30509  (21012508)
        556909.40   3777533.38       30.62310  (21012508)              556929.40
3777533.38       31.47617  (21012508)
        556949.40   3777533.38       31.63999  (21012508)              556969.40
3777533.38       30.92728  (21012508)
        556989.40   3777533.38       29.42512  (21012508)              557009.40
3777533.38       27.25091  (21012508)
        557029.40   3777533.38       24.51992  (21012508)              557049.40
3777533.38       21.53285  (21012508)
        557069.40   3777533.38       18.49637  (21012508)              557089.40
3777533.38       15.60555  (21012508)
        557109.40   3777533.38       14.13648  (21122315)              557129.40
3777533.38       14.49273  (21122315)
        557149.40   3777533.38       14.47649  (21122315)              557169.40
3777533.38       14.11037  (21122315)
        557189.40   3777533.38       13.46157  (21122315)              557209.40
3777533.38       12.60815  (21122315)
        557229.40   3777533.38       11.59321  (21122315)              557249.40
3777533.38       10.60651  (23020708)
        557269.40   3777533.38       10.46279  (23020708)              557289.40
3777533.38       10.27736  (23020708)
        557309.40   3777533.38       10.05321  (23020708)              557329.40
3777533.38        9.79807  (23020708)
        557349.40   3777533.38        9.52038  (23020708)              557369.40
3777533.38        9.21995  (23020708)
        557389.40   3777533.38        8.90292  (23020708)              557409.40
3777533.38        8.59644  (23020708)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                  INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                       *** 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)
 -
- -
        556629.40   3777553.38   39.05262 (19010208)   556649.40
3777553.38   38.78017 (19010208)
        556669.40   3777553.38   37.98226 (19010208)   556689.40
3777553.38   36.80721 (19010208)
        556709.40   3777553.38   35.07129 (19010208)   556729.40
3777553.38   32.48376 (19010208)
        556749.40   3777553.38   28.97833 (19010208)   556769.40
3777553.38   24.96785 (19010208)
        556789.40   3777553.38   21.14916 (21012908)   556809.40
3777553.38   20.76974 (21012508)

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        556829.40   3777553.38       22.34284  (21012508)               556849.40
3777553.38       23.86318  (21012508)
        556869.40   3777553.38       25.40935  (21012508)               556889.40
3777553.38       26.88805  (21012508)
        556909.40   3777553.38       28.13738  (21012508)               556929.40
3777553.38       29.01794  (21012508)
        556949.40   3777553.38       29.16586  (21012508)               556969.40
3777553.38       28.74584  (21012508)
        556989.40   3777553.38       27.58082  (21012508)               557009.40
3777553.38       25.87252  (21012508)
        557029.40   3777553.38       23.62566  (21012508)               557049.40
3777553.38       21.11312  (21012508)
        557069.40   3777553.38       18.46142  (21012508)               557089.40
3777553.38       15.83964  (21012508)
        557109.40   3777553.38       13.39094  (21012508)               557129.40
3777553.38       12.69369  (21122315)
        557149.40   3777553.38       13.00201  (21122315)               557169.40
3777553.38       13.00096  (21122315)
        557189.40   3777553.38       12.71862  (21122315)               557209.40
3777553.38       12.19897  (21122315)
        557229.40   3777553.38       11.48940  (21122315)               557249.40
3777553.38       10.64991  (21122315)
        557269.40   3777553.38        9.73272  (21122315)               557289.40
3777553.38        9.48641  (23020708)
        557309.40   3777553.38        9.36196  (23020708)               557329.40
3777553.38        9.20024  (23020708)
        557349.40   3777553.38        9.01252  (23020708)               557369.40
3777553.38        8.79780  (23020708)
        557389.40   3777553.38        8.55444  (23020708)               557409.40
3777553.38        8.30735  (23020708)
        557429.40   3777553.38        8.04805  (23020708)               557449.40
3777553.38        7.78525  (23020708)
        557469.40   3777553.38        7.51463  (23020708)               557489.40
3777553.38        7.36151  (20011708)
        557438.91   3777336.71       10.09768  (18121708)               556615.91
3777136.99      290.64175  (21120708)
        556586.37   3777056.16      109.06737  (21120708)               556672.35
3776929.14       71.05515  (23011008)
        556692.35   3776929.14       69.49945  (23011008)               556712.35
3776929.14       64.56064  (23011008)
        556732.35   3776929.14       56.38164  (18010908)               556752.35
3776929.14       57.35908  (21012208)
        556772.35   3776929.14       60.08609  (21012208)               556792.35
3776929.14       63.14847  (21012208)
        556812.35   3776929.14       63.92764  (21012208)               556832.35
3776929.14       65.26643  (18010908)
        556852.35   3776929.14       64.98517  (18010908)               556672.35
3776949.14       76.80283  (23011008)
        556692.35   3776949.14       76.81771  (23011008)               556712.35
3776949.14       73.83409  (23011008)
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        556732.35   3776949.14       67.23596  (23011008)               556752.35
3776949.14       60.81639  (21012208)
        556772.35   3776949.14       64.57691  (21012208)               556792.35
3776949.14       66.60295  (21012208)
        556812.35   3776949.14       68.54250  (21012208)               556832.35
3776949.14       69.68375  (18010908)
        556852.35   3776949.14       71.65421  (18010908)               556672.35
3776969.14       82.29689  (23011008)
        556692.35   3776969.14       83.96422  (23011008)               556712.35
3776969.14       82.86504  (23011008)
        556732.35   3776969.14       77.81330  (23011008)               556752.35
3776969.14       68.63876  (23011008)
        556772.35   3776969.14       67.68964  (21012208)               556792.35
3776969.14       70.67717  (21012208)
        556812.35   3776969.14       74.08739  (21012208)               556832.35
3776969.14       74.50502  (18010908)
        556852.35   3776969.14       77.49689  (18010908)               556672.35
3776989.14       87.68493  (23011008)
        556692.35   3776989.14       90.82309  (23011008)               556712.35
3776989.14       91.94366  (23011008)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                 L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
                 L0000046    , L0000047    , L0000048    , L0000049    , L0000050
, L0000051    , L0000052    , L0000053    ,
                 L0000054    , L0000055    , L0000056    , L0000057    , L0000058
,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        556732.35   3776989.14       89.20516  (23011008)               556752.35
3776989.14       81.31849  (23011008)
        556772.35   3776989.14       71.01956  (21012208)               556792.35
3776989.14       74.97617  (21012208)
        556812.35   3776989.14       80.01330  (21012208)               556832.35
3776989.14       83.56620  (21012208)
        556852.35   3776989.14       84.12276  (18010908)               556672.35
3777009.14       93.48390  (23011008)
        556692.35   3777009.14       97.46649  (23011008)               556712.35
3777009.14      100.75545  (23011008)
        556732.35   3777009.14      100.99907  (23011008)               556752.35
3777009.14       95.50853  (23011008)
        556772.35   3777009.14       83.54396  (23011008)               556792.35
3777009.14       79.58055  (21012208)
        556812.35   3777009.14       88.99278  (21012208)               556832.35
3777009.14       92.13573  (21012208)
        556852.35   3777009.14       91.79862  (18010908)               556672.35
3777029.14      100.29905  (23011008)
        556692.35   3777029.14      104.30467  (23011008)               556712.35
3777029.14      109.13878  (23011008)
        556732.35   3777029.14      112.68530  (23011008)               556752.35
3777029.14      110.80362  (23011008)
        556772.35   3777029.14      101.00625  (23011008)               556792.35
3777029.14       86.79674  (21012208)
        556812.35   3777029.14       96.22716  (21012208)               556832.35
3777029.14      101.47987  (21012208)
        556852.35   3777029.14      100.85261  (18010908)               556672.35
3777049.14      114.03175  (18010908)
        556692.35   3777049.14      112.47544  (23011008)               556712.35
3777049.14      117.72346  (23011008)
        556732.35   3777049.14      123.79136  (23011008)               556752.35
3777049.14      126.34193  (23011008)
        556772.35   3777049.14      120.64011  (23011008)               556792.35
3777049.14      104.67050  (23011008)
        556812.35   3777049.14      103.82239  (21012208)               556832.35
3777049.14      112.11537  (21012208)
        556852.35   3777049.14      111.49842  (18010908)               556927.54
3776959.53       51.01510  (18010808)
        556947.54   3776959.53       49.48604  (19122508)               556967.54
3776959.53       49.28339  (18010808)
        556987.54   3776959.53       49.62570  (21020108)               557007.54
3776959.53       49.04292  (19122508)
        557027.54   3776959.53       47.46248  (19122508)               557047.54
3776959.53       44.75144  (19122508)
        557067.54   3776959.53       41.02538  (19122508)               557087.54
3776959.53       36.52565  (19122508)
        556927.54   3776979.53       55.56130  (18010808)               556947.54
3776979.53       54.43163  (18010808)
        556967.54   3776979.53       52.33575  (19122508)               556987.54
3776979.53       51.71676  (19122508)
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        557007.54   3776979.53       51.86136  (19122508)                557027.54
3776979.53       49.53597  (19122508)
        557047.54   3776979.53       45.87108  (19122508)                557067.54
3776979.53       41.21676  (19122508)
        557087.54   3776979.53       35.86153  (19122508)                556927.54
3776999.53       59.94141  (18010808)
        556947.54   3776999.53       58.58594  (18010808)                556967.54
3776999.53       56.04303  (21020108)
        556987.54   3776999.53       56.54374  (21020108)                557007.54
3776999.53       54.77421  (19122508)
        557027.54   3776999.53       51.39004  (19122508)                557047.54
3776999.53       46.56250  (19122508)
        557067.54   3776999.53       40.80830  (19122508)                557087.54
3776999.53       34.66869  (19122508)
        556927.54   3777019.53       65.09876  (18010808)                556947.54
3777019.53       62.93130  (18010808)
        556967.54   3777019.53       60.39829  (21020108)                556987.54
3777019.53       60.57021  (19122508)
        557007.54   3777019.53       57.64268  (19122508)                557027.54
3777019.53       52.85847  (19122508)
        557047.54   3777019.53       46.70175  (19122508)                557067.54
3777019.53       39.87151  (19122508)
        557087.54   3777019.53       32.94810  (19122508)                556927.54
3777039.53       71.15414  (18010808)
        556947.54   3777039.53       67.75832  (18010808)                556967.54
3777039.53       67.23215  (21020108)
        556987.54   3777039.53       64.81378  (19122508)                557007.54
3777039.53       60.19808  (19122508)
        557027.54   3777039.53       53.70876  (19122508)                557047.54
3777039.53       46.14875  (19122508)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
                L0000046    , L0000047    , L0000048    , L0000049    , L0000050
, L0000051    , L0000052    , L0000053    ,
                L0000054    , L0000055    , L0000056    , L0000057    , L0000058
,
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*** 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)
557067.54	3777039.53	38.21844	(19122508)	557087.54	3777039.53	30.69750	(19122508)
557047.54	3777059.53	42.42246	(19122508)	557067.54	3777059.53	34.25349	(19122508)
557087.54	3777059.53	26.95373	(19122508)	556919.02	3777174.93	155.65552	(21020108)
556939.02	3777174.93	121.33885	(19122508)	556919.02	3777194.93	168.18903	(21020108)
556939.02	3777194.93	124.58887	(19122508)	556919.02	3777214.93	179.01631	(19122708)
556939.02	3777214.93	131.97841	(19122708)	556919.02	3777234.93	214.17142	(19011408)
556939.02	3777234.93	148.41992	(19122708)	556919.02	3777254.93	263.16578	(19011408)
556939.02	3777254.93	181.53469	(19011408)	557023.57	3777171.57	41.52922	(19011408)
557043.57	3777171.57	35.92514	(19011408)	557063.57	3777171.57	31.38018	(19011408)
557083.57	3777171.57	27.65369	(19011408)	557023.57	3777191.57	44.41740	(19011408)
557043.57	3777191.57	37.94682	(19011408)	557063.57	3777191.57	32.85228	(18121708)
557083.57	3777191.57	29.83104	(18121708)	557023.57	3777211.57	47.98194	(18121708)
557043.57	3777211.57	42.36077	(18121708)	557063.57	3777211.57	37.75787	(18121708)
557083.57	3777211.57	33.85528	(18121708)	557023.57	3777231.57	54.76993	(18121708)
557043.57	3777231.57	47.73972	(18121708)	557063.57	3777231.57	42.03772	(18121708)
557083.57	3777231.57	37.21550	(18121708)	557023.57	3777251.57	60.38758	(18121708)
557043.57	3777251.57	51.75353	(18121708)	557063.57	3777251.57	44.98889	(18121708)
557083.57	3777251.57	39.28543	(18121708)	556249.05	3776972.85	30.87646	(21120708)
556269.05	3776972.85	36.51565	(21120708)	556229.05	3776992.85	31.29767	(20121008)
556249.05	3776992.85	31.28248	(20121008)	556269.05	3776992.85	30.60968	(20121008)

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        556289.05   3776992.85       35.09716  (21120708)                556309.05
3776992.85       41.95661  (21120708)
        556329.05   3776992.85       49.22620  (21120708)                556209.05
3777012.85       35.74017  (20121008)
        556229.05   3777012.85       37.37531  (20121008)                556249.05
3777012.85       37.69660  (20121008)
        556269.05   3777012.85       37.41743  (20121008)                556289.05
3777012.85       36.90500  (20121008)
        556309.05   3777012.85       36.72532  (20121008)                556329.05
3777012.85       40.13968  (21120708)
        556209.05   3777032.85       40.82023  (20121008)                556229.05
3777032.85       42.47047  (20121008)
        556249.05   3777032.85       43.56415  (20121008)                556269.05
3777032.85       44.07472  (20121008)
        556289.05   3777032.85       44.30009  (20121008)                556309.05
3777032.85       44.38315  (20121008)
        556209.05   3777052.85       43.93781  (20121008)                556229.05
3777052.85       46.38543  (20121008)
        556249.05   3777052.85       47.29453  (20121008)                556269.05
3777052.85       49.09187  (20121008)
        556289.05   3777052.85       50.31732  (20121008)                556309.05
3777052.85       51.38068  (20121008)
        556249.05   3777072.85       50.70554  (20121008)                556269.05
3777072.85       52.78721  (20121008)
        556289.05   3777072.85       54.95801  (20121008)                556269.05
3777092.85       54.30078  (20121008)
        556441.69   3776927.49       48.81497  (21120708)                556461.69
3776927.49       43.12561  (21120708)
        556481.69   3776927.49       56.25320  (23011008)                556421.69
3776947.49       63.65988  (21120708)
        556441.69   3776947.49       60.18387  (21120708)                556461.69
3776947.49       55.11499  (21120708)
        556481.69   3776947.49       50.14664  (23011008)                556401.69
3776967.49       71.30553  (21120708)
        556421.69   3776967.49       72.29627  (21120708)                556441.69
3776967.49       71.30346  (21120708)
        556461.69   3776967.49       67.88104  (21120708)                556481.69
3776967.49       62.47855  (21120708)
        556401.69   3776987.49       74.09602  (21120708)                556421.69
3776987.49       78.39981  (21120708)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: OFFSITE ***
                                INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                        *** 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)
 -
- -
        556441.69   3776987.49   80.50722 (21120708)   556461.69
3776987.49   80.18008 (21120708)
        556481.69   3776987.49   77.07222 (21120708)   556421.69
3777007.49   80.32917 (21120708)
        556441.69   3777007.49   86.40759 (21120708)   556461.69
3777007.49   90.09429 (21120708)
        556481.69   3777007.49   90.71882 (21120708)   556441.69
3777027.49   86.89587 (21120708)
        556461.69   3777027.49   95.39021 (21120708)   556481.69
3777027.49   101.12852 (21120708)
        556251.24   3777154.95   49.58541 (21122408)   556261.28
3777141.20   52.59251 (21122408)
        556264.98   3777168.16   49.34947 (21122408)   556279.25
3777151.77   54.51865 (21122408)
        556202.60   3777113.45   45.21826 (21122408)   556220.05
3777109.75   46.89352 (21122408)
        556187.53   3777090.19   42.87596 (20121008)   556164.27
3777121.38   40.79789 (21122408)
        557510.26   3776508.23   8.73497 (19010908)   557530.26
3776508.23   8.58895 (19010908)
        557550.26   3776508.23   8.39379 (19010908)   557570.26
3776508.23   8.17483 (19010908)
        557590.26   3776508.23   7.97936 (19010908)   557610.26
3776508.23   7.81943 (19010908)
        557630.26   3776508.23   7.60158 (19010908)   557650.26
3776508.23   7.39618 (19010908)
        557670.26   3776508.23   7.16443 (21010608)   557690.26
3776508.23   6.90116 (21010608)
        557510.26   3776528.23   8.68333 (19010908)   557530.26
3776528.23   8.47680 (19010908)

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        557550.26   3776528.23        8.26951  (19010908)              557570.26
3776528.23        7.98972  (19010908)
        557590.26   3776528.23        7.78667  (19010908)              557610.26
3776528.23        7.58017  (19010908)
        557630.26   3776528.23        7.37710  (19010908)              557650.26
3776528.23        7.21994  (21010608)
        557670.26   3776528.23        6.95436  (21010608)              557690.26
3776528.23        6.77597  (18122408)
        557510.26   3776548.23        8.47323  (19010908)              557530.26
3776548.23        8.31226  (19010908)
        557550.26   3776548.23        7.96033  (19010908)              557570.26
3776548.23        7.65683  (19010908)
        557590.26   3776548.23        7.46762  (19010908)              557610.26
3776548.23        7.23585  (19010908)
        557630.26   3776548.23        7.05408  (21010608)              557650.26
3776548.23        6.92410  (18122408)
        557670.26   3776548.23        6.77125  (18122408)              557690.26
3776548.23        6.64032  (18122408)
        557510.26   3776568.23        8.19164  (19010908)              557530.26
3776568.23        7.98502  (19010908)
        557550.26   3776568.23        7.65932  (19010908)              557570.26
3776568.23        7.30318  (19010908)
        557590.26   3776568.23        7.07103  (19010908)              557610.26
3776568.23        6.84627  (21010608)
        557630.26   3776568.23        6.73563  (18122408)              557650.26
3776568.23        6.69246  (18122408)
        557670.26   3776568.23        6.53317  (18122408)              557690.26
3776568.23        6.36170  (18122408)
        557510.26   3776588.23        7.81179  (19010908)              557530.26
3776588.23        7.62315  (19010908)
        557550.26   3776588.23        7.28690  (19010908)              557570.26
3776588.23        6.87961  (19010908)
        557590.26   3776588.23        6.62316  (19122408)              557610.26
3776588.23        6.49205  (18122408)
        557630.26   3776588.23        6.45731  (18122408)              557650.26
3776588.23        6.38404  (18122408)
        557670.26   3776588.23        6.26325  (18122408)              557690.26
3776588.23        6.24289  (23122808)
        557510.26   3776608.23        7.34342  (19010908)              557530.26
3776608.23        7.15526  (19010908)
        557550.26   3776608.23        6.86381  (19122408)              557570.26
3776608.23        6.57617  (19122408)
        557590.26   3776608.23        6.28612  (19122408)              557610.26
3776608.23        6.13740  (18122408)
        557630.26   3776608.23        6.10191  (23122808)              557650.26
3776608.23        6.20090  (23122808)
        557670.26   3776608.23        6.26587  (23122808)              557690.26
3776608.23        6.31250  (23122808)
        557510.26   3776628.23        6.96825  (19122408)              557530.26
3776628.23        6.78266  (19122408)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,

*** 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)
557550.26	3776628.23	6.46795	(19122408)	557570.26	3776628.23	6.33032	(19122408)
557590.26	3776628.23	6.04103	(23122808)	557610.26	3776628.23	6.10379	(23122808)
557630.26	3776628.23	6.18480	(23122808)	557650.26	3776628.23	6.29057	(23122808)
557670.26	3776628.23	6.33526	(23122808)	557690.26	3776628.23	6.37588	(23122808)
557510.26	3776648.23	6.60789	(20123108)	557530.26	3776648.23	6.33714	(20123108)
557550.26	3776648.23	6.05494	(23122808)	557570.26	3776648.23	6.03248	(23122808)
557590.26	3776648.23	6.10243	(23122808)	557610.26	3776648.23	5.95179	(23122808)
557630.26	3776648.23	6.19996	(23122808)	557650.26	3776648.23	6.29508	(23122808)
557670.26	3776648.23	6.30419	(23122808)	557690.26	3776648.23	6.32796	(23122808)
557510.26	3776668.23	6.02617	(20123108)	557530.26	3776668.23	5.68906	(20123108)

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        557550.26   3776668.23        5.25087  (20123108)              557570.26
3776668.23        4.78850  (19122408)
        557590.26   3776668.23        4.98082  (23122808)              557610.26
3776668.23        4.78512  (23122808)
        557630.26   3776668.23        4.84336  (23122808)              557650.26
3776668.23        5.10441  (23122808)
        557670.26   3776668.23        5.45114  (23122808)              557690.26
3776668.23        5.61437  (23122808)
        557510.26   3776688.23        4.99477  (20123108)              557530.26
3776688.23        4.70114  (19122408)
        557550.26   3776688.23        4.38633  (19122408)              557570.26
3776688.23        4.19402  (19122408)
        557590.26   3776688.23        4.14096  (23122808)              557610.26
3776688.23        3.97668  (23122808)
        557630.26   3776688.23        4.20246  (23122808)              557650.26
3776688.23        4.27060  (23122808)
        557670.26   3776688.23        4.28457  (23122808)              557690.26
3776688.23        4.26665  (23122808)
        556172.49   3776517.81       17.63369  (23011008)              556192.49
3776517.81       21.47023  (23011008)
        556212.49   3776517.81       25.63783  (23011008)              556232.49
3776517.81       30.01409  (23011008)
        556252.49   3776517.81       34.39531  (23011008)              556272.49
3776517.81       38.48937  (23011008)
        556292.49   3776517.81       42.12127  (23011008)              556312.49
3776517.81       45.10484  (23011008)
        556332.49   3776517.81       47.17513  (23011008)              556352.49
3776517.81       48.36334  (23011008)
        556372.49   3776517.81       48.56462  (23011008)              556392.49
3776517.81       47.60128  (23011008)
        556412.49   3776517.81       45.67765  (23011008)              556432.49
3776517.81       42.82818  (23011008)
        556452.49   3776517.81       39.15768  (23011008)              556472.49
3776517.81       34.95340  (23011008)
        556492.49   3776517.81       31.07948  (21120908)              556172.49
3776537.81       15.62947  (23011008)
        556192.49   3776537.81       19.31970  (23011008)              556212.49
3776537.81       23.43855  (23011008)
        556232.49   3776537.81       27.87272  (23011008)              556252.49
3776537.81       32.45367  (23011008)
        556272.49   3776537.81       36.96692  (23011008)              556292.49
3776537.81       41.02363  (23011008)
        556312.49   3776537.81       44.54157  (23011008)              556332.49
3776537.81       47.22730  (23011008)
        556352.49   3776537.81       49.04721  (23011008)              556372.49
3776537.81       49.88372  (23011008)
        556392.49   3776537.81       49.59011  (23011008)              556412.49
3776537.81       48.15796  (23011008)
        556432.49   3776537.81       45.74767  (23011008)              556452.49
3776537.81       42.41297  (23011008)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000059   , L0000060
, L0000061   , L0000062   , L0000063   ,
                 L0000064   , L0000065   , L0000066   , L0000067   , L0000068
, L0000069   , L0000070   , L0000045   ,
                 L0000046   , L0000047   , L0000048   , L0000049   , L0000050
, L0000051   , L0000052   , L0000053   ,
                 L0000054   , L0000055   , L0000056   , L0000057   , L0000058
,

                                          *** 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)
 -
- -
        556492.49   3776557.81   37.47906 (23011008)   556332.49
3776577.81   46.21853 (23011008)
        556352.49   3776577.81   49.33144 (23011008)   556372.49
3776577.81   51.49205 (23011008)
        556392.49   3776577.81   52.51015 (23011008)   556412.49
3776577.81   52.36349 (23011008)
        556432.49   3776577.81   51.11081 (23011008)   556452.49
3776577.81   48.72394 (23011008)
        556472.49   3776577.81   45.36006 (23011008)   556492.49
3776577.81   41.18149 (23011008)

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        556332.49   3776597.81       45.03229  (23011008)               556352.49
3776597.81       48.85309  (23011008)
        556372.49   3776597.81       51.74952  (23011008)               556392.49
3776597.81       53.59343  (23011008)
        556412.49   3776597.81       54.06277  (23011008)               556432.49
3776597.81       53.45915  (23011008)
        556452.49   3776597.81       51.65306  (23011008)               556472.49
3776597.81       48.72939  (23011008)
        556492.49   3776597.81       44.89842  (23011008)               556252.49
3776617.81       22.96221  (23011008)
        556272.49   3776617.81       27.93666  (23011008)               556292.49
3776617.81       33.21298  (23011008)
        556312.49   3776617.81       38.48894  (23011008)               556332.49
3776617.81       43.64067  (23011008)
        556352.49   3776617.81       47.95615  (23011008)               556372.49
3776617.81       51.48175  (23011008)
        556392.49   3776617.81       54.09238  (23011008)               556412.49
3776617.81       55.36851  (23011008)
        556432.49   3776617.81       55.52128  (23011008)               556452.49
3776617.81       54.33733  (23011008)
        556472.49   3776617.81       51.99485  (23011008)               556492.49
3776617.81       48.57519  (23011008)
        556252.49   3776637.81       20.43923  (23011008)               556272.49
3776637.81       25.26912  (23011008)
        556292.49   3776637.81       30.61322  (23011008)               556312.49
3776637.81       36.20148  (23011008)
        556332.49   3776637.81       41.59038  (23011008)               556352.49
3776637.81       46.66924  (23011008)
        556372.49   3776637.81       50.85745  (23011008)               556392.49
3776637.81       54.29221  (23011008)
        556412.49   3776637.81       56.39907  (23011008)               556432.49
3776637.81       57.25351  (23011008)
        556452.49   3776637.81       56.81210  (23011008)               556472.49
3776637.81       55.07034  (23011008)
        556492.49   3776637.81       52.15988  (23011008)               556252.49
3776657.81       17.96743  (23011008)
        556272.49   3776657.81       22.60898  (23011008)               556292.49
3776657.81       27.81632  (23011008)
        556312.49   3776657.81       33.60583  (23011008)               556332.49
3776657.81       39.30345  (23011008)
        556352.49   3776657.81       44.82174  (23011008)               556372.49
3776657.81       49.75446  (23011008)
        556392.49   3776657.81       54.08701  (23011008)               556412.49
3776657.81       57.05921  (23011008)
        556432.49   3776657.81       58.71211  (23011008)               556452.49
3776657.81       58.98561  (23011008)
        556472.49   3776657.81       57.92791  (23011008)               556492.49
3776657.81       55.59878  (23011008)
        556252.49   3776677.81       15.59413  (23011008)               556272.49
3776677.81       19.93692  (23011008)
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        556292.49   3776677.81       25.03965  (23011008)               556312.49
3776677.81       30.70677  (23011008)
        556332.49   3776677.81       36.68869  (23011008)               556352.49
3776677.81       42.62410  (23011008)
        556372.49   3776677.81       48.27910  (23011008)               556392.49
3776677.81       53.33853  (23011008)
        556412.49   3776677.81       57.08811  (23011008)               556432.49
3776677.81       59.76553  (23011008)
        556452.49   3776677.81       60.87099  (23011008)               556472.49
3776677.81       60.51168  (23011008)
        556492.49   3776677.81       58.83903  (23011008)               556252.49
3776697.81       13.36693  (23011008)
        556272.49   3776697.81       17.34152  (23011008)               556372.49
3776697.81       46.28323  (23011008)
        556392.49   3776697.81       52.23271  (23011008)               556412.49
3776697.81       56.86581  (23011008)
        556432.49   3776697.81       60.38638  (23011008)               556452.49
3776697.81       62.42316  (23011008)
        556472.49   3776697.81       62.83830  (23011008)               556492.49
3776697.81       61.84824  (23011008)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                  INCLUDING SOURCE(S):     L0000059    , L0000060
, L0000061    , L0000062    , L0000063    ,
                 L0000064    , L0000065    , L0000066    , L0000067    , L0000068
, L0000069    , L0000070    , L0000045    ,
                 L0000046    , L0000047    , L0000048    , L0000049    , L0000050
, L0000051    , L0000052    , L0000053    ,
                 L0000054    , L0000055    , L0000056    , L0000057    , L0000058
,

                                       *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        556252.49   3776717.81       14.88363  (21120708)               556272.49
3776717.81       14.86066  (23011008)
        556372.49   3776717.81       43.85222  (23011008)               556392.49
3776717.81       50.54304  (23011008)
        556412.49   3776717.81       56.03798  (23011008)               556432.49
3776717.81       60.53217  (23011008)
        556452.49   3776717.81       63.54010  (23011008)               556472.49
3776717.81       64.68667  (23011008)
        556492.49   3776717.81       64.59623  (23011008)               556267.40
3776875.81       46.76275  (21120708)
        556239.03   3776853.02       43.46574  (21120708)               556178.76
3776751.21       29.28807  (21120708)
        556154.45   3776774.51       33.90696  (21120708)               556119.50
3776705.11       25.67251  (21120708)
        556146.51   3777267.93       17.60346  (18122608)               556151.00
3777234.88       20.39392  (21122408)
        556144.93   3777179.58       31.07412  (21122408)               556205.18
3777236.46       22.84154  (21122408)
        556218.00   3777200.04       34.10005  (21122408)               556774.37
3777347.57       99.62913  (19011608)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                 L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                 L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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556521.71 3777341.57 127.27184 (19010708) 556539.90
3777344.94 127.61698 (19011608)
556591.78 3777345.39 193.11093 (19011608) 556630.62
3777349.66 230.18576 (19011608)
556684.29 3777349.43 266.46150 (19010208) 556905.58
3777351.19 242.90277 (21012508)
556920.93 3777350.82 239.08927 (21012508) 556942.87
3777350.09 199.32717 (21012508)
556996.26 3777348.26 107.96615 (21122315) 557096.81
3777357.77 61.38504 (23020708)
557115.83 3777363.62 57.26386 (23020708) 557129.36
3777361.43 56.87347 (23020708)
557230.65 3777363.99 42.81671 (23020708) 556466.22
3776816.07 71.12560 (23011008)
556407.87 3776826.19 62.06882 (21120708) 556381.07
3776807.14 59.21959 (21120708)
556404.29 3776771.52 50.83396 (23011008) 556465.21
3776739.51 85.33769 (23011008)
556396.10 3776739.93 52.37963 (23011008) 556323.99
3777265.43 69.09939 (18122608)
556330.60 3777233.99 52.87511 (19112008) 556321.08
3777200.43 63.04905 (21122408)
556275.11 3777267.81 55.08228 (18122608) 556278.28
3777233.46 44.49985 (19112008)
556509.40 3777373.38 116.56275 (19011608) 556529.40
3777373.38 136.09396 (19011608)
556549.40 3777373.38 156.77031 (19011608) 556569.40
3777373.38 176.10421 (19011608)
556589.40 3777373.38 190.92012 (19011608) 556609.40
3777373.38 196.71278 (19011608)
556629.40 3777373.38 191.07688 (19011608) 556649.40
3777373.38 192.82498 (19010208)
556669.40 3777373.38 240.25973 (19010208) 556689.40
3777373.38 275.70037 (19010208)
556709.40 3777373.38 281.05650 (19010208) 556729.40
3777373.38 250.96594 (19010208)
556749.40 3777373.38 200.32185 (19010208) 556769.40
3777373.38 153.21747 (19010208)
556789.40 3777373.38 126.78568 (19010208) 556809.40
3777373.38 127.23946 (21012015)
556829.40 3777373.38 137.12042 (20112708) 556849.40
3777373.38 153.69212 (20112708)
556869.40 3777373.38 153.41883 (20112708) 556889.40
3777373.38 176.50946 (21012508)
556909.40 3777373.38 196.14110 (21012508) 556929.40
3777373.38 191.57948 (21012508)
556949.40 3777373.38 164.50237 (21012508) 556969.40
3777373.38 126.00198 (21012508)
556989.40 3777373.38 90.90041 (21123015) 557009.40
3777373.38 82.42631 (21122315)

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        557029.40   3777373.38       81.37364  (21122315)                557049.40
3777373.38       76.99272  (21122315)
        557069.40   3777373.38       69.98710  (21122315)                557089.40
3777373.38       61.22797  (21122315)
        557109.40   3777373.38       53.38755  (23020708)                557129.40
3777373.38       52.50488  (23020708)
        557149.40   3777373.38       51.21852  (23020708)                557169.40
3777373.38       49.55001  (23020708)
        557189.40   3777373.38       47.56230  (23020708)                557209.40
3777373.38       45.25113  (23020708)
        557229.40   3777373.38       42.67442  (23020708)                557249.40
3777373.38       39.94591  (23020708)
        557269.40   3777373.38       37.52324  (20011708)                557289.40
3777373.38       36.67016  (20011708)
        557309.40   3777373.38       35.73073  (20011708)                557329.40
3777373.38       34.62301  (20011708)
        557349.40   3777373.38       33.52649  (20011708)                557369.40
3777373.38       32.33388  (20011708)
        557389.40   3777373.38       31.10852  (20011708)                557409.40
3777373.38       29.86415  (20011708)
        557429.40   3777373.38       28.57714  (20011708)                557449.40
3777373.38       27.34396  (20011708)
        557469.40   3777373.38       26.09704  (20011708)                557489.40
3777373.38       24.81190  (20011708)
        556509.40   3777393.38      128.63380  (19011608)                556529.40
3777393.38      145.99130  (19011608)
        556549.40   3777393.38      161.23531  (19011608)                556569.40
3777393.38      171.37427  (19011608)
        556589.40   3777393.38      174.07538  (19011608)                556609.40
3777393.38      167.20942  (19011608)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                   L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                   L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,
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*** 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)
556629.40	3777393.38	168.36759	(19010208)	556649.40	3777393.38	207.55770	(19010208)
556669.40	3777393.38	239.95940	(19010208)	556689.40	3777393.38	251.84923	(19010208)
556709.40	3777393.38	236.05859	(19010208)	556729.40	3777393.38	197.35798	(19010208)
556749.40	3777393.38	153.99521	(19010208)	556769.40	3777393.38	121.69625	(19010208)
556789.40	3777393.38	105.78687	(19010208)	556809.40	3777393.38	111.48641	(21012015)
556829.40	3777393.38	119.58730	(20112708)	556849.40	3777393.38	132.64680	(20112708)
556869.40	3777393.38	131.35395	(20112708)	556889.40	3777393.38	144.96587	(21012508)
556909.40	3777393.38	164.31440	(21012508)	556929.40	3777393.38	167.00438	(21012508)
556949.40	3777393.38	150.67254	(21012508)	556969.40	3777393.38	122.99146	(21012508)
556989.40	3777393.38	92.22810	(21012508)	557009.40	3777393.38	71.27114	(21123015)
557029.40	3777393.38	67.86074	(21122315)	557049.40	3777393.38	68.34124	(21122315)
557069.40	3777393.38	66.06247	(21122315)	557089.40	3777393.38	61.38706	(21122315)
557109.40	3777393.38	54.89338	(21122315)	557129.40	3777393.38	47.24094	(21122315)
557149.40	3777393.38	44.71801	(23020708)	557169.40	3777393.38	44.18744	(23020708)
557189.40	3777393.38	43.31365	(23020708)	557209.40	3777393.38	42.16395	(23020708)
557229.40	3777393.38	40.67757	(23020708)	557249.40	3777393.38	38.86622	(23020708)
557269.40	3777393.38	36.89161	(23020708)	557289.40	3777393.38	34.77650	(23020708)
557309.40	3777393.38	32.55703	(23020708)	557329.40	3777393.38	31.84002	(20011708)
557349.40	3777393.38	31.18342	(20011708)	557369.40	3777393.38	30.45339	(20011708)
557389.40	3777393.38	29.64663	(20011708)	557409.40	3777393.38	28.74444	(20011708)

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        557429.40   3777393.38       27.81615  (20011708)                557449.40
3777393.38       26.87865  (20011708)
        557469.40   3777393.38       25.87556  (20011708)                557489.40
3777393.38       24.82467  (20011708)
        556509.40   3777413.38      136.17398  (19011608)                556529.40
3777413.38      148.12538  (19011608)
        556549.40   3777413.38      155.24757  (19011608)                556569.40
3777413.38      155.50669  (19011608)
        556589.40   3777413.38      148.12388  (19011608)                556609.40
3777413.38      148.56660  (19010208)
        556629.40   3777413.38      182.18704  (19010208)                556649.40
3777413.38      211.44097  (19010208)
        556669.40   3777413.38      226.71997  (19010208)                556689.40
3777413.38      219.94394  (19010208)
        556709.40   3777413.38      192.33206  (19010208)                556729.40
3777413.38      154.49907  (19010208)
        556749.40   3777413.38      120.68599  (19010208)                556769.40
3777413.38       99.46795  (19010208)
        556789.40   3777413.38       91.12976  (21012015)                556809.40
3777413.38       98.08334  (21012015)
        556829.40   3777413.38      105.40337  (20112708)                556849.40
3777413.38      116.02702  (20112708)
        556869.40   3777413.38      114.68799  (20112708)                556889.40
3777413.38      120.88495  (21012508)
        556909.40   3777413.38      139.60977  (21012508)                556929.40
3777413.38      146.87036  (21012508)
        556949.40   3777413.38      138.18241  (21012508)                556969.40
3777413.38      118.49980  (21012508)
        556989.40   3777413.38       93.56892  (21012508)                557009.40
3777413.38       69.52290  (21012508)
        557029.40   3777413.38       59.29416  (19020411)                557049.40
3777413.38       57.18151  (21122315)
        557069.40   3777413.38       58.40298  (21122315)                557089.40
3777413.38       57.36252  (21122315)
        557109.40   3777413.38       54.23681  (21122315)                557129.40
3777413.38       49.32261  (21122315)
        557149.40   3777413.38       43.32692  (21122315)                557169.40
3777413.38       38.29302  (23020708)
        557189.40   3777413.38       38.29206  (23020708)                557209.40
3777413.38       38.01518  (23020708)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                  L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                  L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                              *** 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)
 -
- -
        557229.40   3777413.38   37.37353 (23020708)   557249.40
3777413.38   36.44855 (23020708)
        557269.40   3777413.38   35.27754 (23020708)   557289.40
3777413.38   33.88578 (23020708)
        557309.40   3777413.38   32.32386 (23020708)   557329.40
3777413.38   30.62782 (23020708)
        557349.40   3777413.38   28.92056 (23020708)   557369.40
3777413.38   27.91877 (20011708)
        557389.40   3777413.38   27.50374 (20011708)   557409.40
3777413.38   26.99556 (20011708)
        557429.40   3777413.38   26.34262 (20011708)   557449.40
3777413.38   25.70131 (20011708)
        557469.40   3777413.38   25.03000 (20011708)   557489.40
3777413.38   24.25826 (20011708)
        556509.40   3777433.38   136.38836 (19011608)   556529.40
3777433.38   140.99366 (19011608)
        556549.40   3777433.38   139.65006 (19011608)   556569.40
3777433.38   132.04786 (19011608)
        556589.40   3777433.38   132.30678 (19010208)   556609.40
3777433.38   161.12622 (19010208)
        556629.40   3777433.38   187.98128 (19010208)   556649.40
3777433.38   204.66505 (19010208)
        556669.40   3777433.38   204.18785 (19010208)   556689.40
3777433.38   185.57801 (19010208)
        556709.40   3777433.38   154.30303 (19010208)   556729.40
3777433.38   122.00498 (19010208)
        556749.40   3777433.38   97.15004 (19010208)   556769.40
3777433.38   82.75034 (19010208)
        556789.40   3777433.38   82.19549 (21012015)   556809.40
3777433.38   86.73635 (21012015)

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        556829.40   3777433.38       93.68432  (20112708)              556849.40
3777433.38      102.32769  (20112708)
        556869.40   3777433.38      101.02752  (20112708)              556889.40
3777433.38      101.98059  (21012508)
        556909.40   3777433.38      119.43941  (21012508)              556929.40
3777433.38      128.65277  (21012508)
        556949.40   3777433.38      126.33444  (21012508)              556969.40
3777433.38      112.95574  (21012508)
        556989.40   3777433.38       93.26400  (21012508)              557009.40
3777433.38       72.62265  (21012508)
        557029.40   3777433.38       56.67854  (21123015)              557049.40
3777433.38       50.75356  (19020411)
        557069.40   3777433.38       49.05281  (21122315)              557089.40
3777433.38       50.58637  (21122315)
        557109.40   3777433.38       50.30397  (21122315)              557129.40
3777433.38       48.17773  (21122315)
        557149.40   3777433.38       44.54407  (21122315)              557169.40
3777433.38       39.72454  (21122315)
        557189.40   3777433.38       34.30306  (21122315)              557209.40
3777433.38       33.34995  (23020708)
        557229.40   3777433.38       33.34476  (23020708)              557249.40
3777433.38       33.15836  (23020708)
        557269.40   3777433.38       32.67131  (23020708)              557289.40
3777433.38       31.92082  (23020708)
        557309.40   3777433.38       31.02188  (23020708)              557329.40
3777433.38       29.88240  (23020708)
        557349.40   3777433.38       28.57615  (23020708)              557369.40
3777433.38       27.23415  (23020708)
        557389.40   3777433.38       25.88170  (23020708)              557409.40
3777433.38       24.77221  (20011708)
        557429.40   3777433.38       24.39552  (20011708)              557449.40
3777433.38       24.03429  (20011708)
        557469.40   3777433.38       23.60361  (20011708)              557489.40
3777433.38       23.11857  (20011708)
        556509.40   3777453.38      128.65490  (19011608)              556529.40
3777453.38      126.30661  (19011608)
        556549.40   3777453.38      118.89748  (19011608)              556569.40
3777453.38      118.51983  (19010208)
        556589.40   3777453.38      143.61055  (19010208)              556609.40
3777453.38      167.68052  (19010208)
        556629.40   3777453.38      185.10320  (19010208)              556649.40
3777453.38      189.03717  (19010208)
        556669.40   3777453.38      177.01140  (19010208)              556689.40
3777453.38      152.50744  (19010208)
        556709.40   3777453.38      123.04369  (19010208)              556729.40
3777453.38       97.52434  (19010208)
        556749.40   3777453.38       79.86583  (19010208)              556769.40
3777453.38       69.37616  (19010208)
        556789.40   3777453.38       74.33663  (21012015)              556809.40
3777453.38       77.03981  (21012015)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                  L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                  L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                          *** 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)
 -
- -
        556829.40   3777453.38   84.02433 (20112708)   556849.40
3777453.38   91.28607 (20112708)
        556869.40   3777453.38   90.15843 (20112708)   556889.40
3777453.38   87.00984 (21012508)
        556909.40   3777453.38   102.83145 (21012508)   556929.40
3777453.38   112.87169 (21012508)
        556949.40   3777453.38   114.48951 (21012508)   556969.40
3777453.38   106.63658 (21012508)
        556989.40   3777453.38   91.83832 (21012508)   557009.40
3777453.38   74.07447 (21012508)
        557029.40   3777453.38   56.87856 (21012508)   557049.40
3777453.38   47.18584 (21123015)
        557069.40   3777453.38   44.05981 (19020411)   557089.40
3777453.38   42.61502 (21122315)
        557109.40   3777453.38   44.29420 (21122315)   557129.40
3777453.38   44.44824 (21122315)
        557149.40   3777453.38   43.09484 (21122315)   557169.40
3777453.38   40.31041 (21122315)
        557189.40   3777453.38   36.50353 (21122315)   557209.40
3777453.38   32.02594 (21122315)

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        557229.40   3777453.38       29.12055  (23020708)                557249.40
3777453.38       29.41970  (23020708)
        557269.40   3777453.38       29.45346  (23020708)                557289.40
3777453.38       29.26593  (23020708)
        557309.40   3777453.38       28.89840  (23020708)                557329.40
3777453.38       28.30675  (23020708)
        557349.40   3777453.38       27.54992  (23020708)                557369.40
3777453.38       26.59626  (23020708)
        557389.40   3777453.38       25.58322  (23020708)                557409.40
3777453.38       24.51823  (23020708)
        557429.40   3777453.38       23.33847  (23020708)                557449.40
3777453.38       22.12160  (23020708)
        557469.40   3777453.38       21.84323  (20011708)                557489.40
3777453.38       21.55482  (20011708)
        556509.40   3777473.38      114.83691  (19011608)                556529.40
3777473.38      107.44523  (19011608)
        556549.40   3777473.38      106.66595  (19010208)                556569.40
3777473.38      128.81190  (19010208)
        556589.40   3777473.38      150.47185  (19010208)                556609.40
3777473.38      167.23384  (19010208)
        556629.40   3777473.38      174.08838  (19010208)                556649.40
3777473.38      167.81798  (19010208)
        556669.40   3777473.38      149.08800  (19010208)                556689.40
3777473.38      123.59961  (19010208)
        556709.40   3777473.38       98.64362  (19010208)                556729.40
3777473.38       79.27185  (19010208)
        556749.40   3777473.38       66.40049  (19010208)                556769.40
3777473.38       63.54243  (20031809)
        556789.40   3777473.38       67.40765  (21012015)                556809.40
3777473.38       68.71917  (21012015)
        556829.40   3777473.38       75.75532  (20112708)                556849.40
3777473.38       81.99890  (20112708)
        556869.40   3777473.38       81.06510  (20112708)                556889.40
3777473.38       75.06602  (21012508)
        556909.40   3777473.38       89.15642  (21012508)                556929.40
3777473.38       99.80637  (21012508)
        556949.40   3777473.38      103.89186  (21012508)                556969.40
3777473.38      100.03943  (21012508)
        556989.40   3777473.38       89.46828  (21012508)                557009.40
3777473.38       75.01522  (21012508)
        557029.40   3777473.38       59.54974  (21012508)                557049.40
3777473.38       46.30277  (21123015)
        557069.40   3777473.38       39.74318  (21123015)                557089.40
3777473.38       38.67841  (19020411)
        557109.40   3777473.38       37.42875  (21122315)                557129.40
3777473.38       39.10108  (21122315)
        557149.40   3777473.38       39.57747  (21122315)                557169.40
3777473.38       38.69941  (21122315)
        557189.40   3777473.38       36.64584  (21122315)                557209.40
3777473.38       33.61016  (21122315)
```

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                              *** 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)
 -
- -
        557429.40   3777473.38   23.08265 (23020708)   557449.40
3777473.38   22.18651 (23020708)
        557469.40   3777473.38   21.18893 (23020708)   557489.40
3777473.38   20.14777 (23020708)
        556509.40   3777493.38   97.91355 (19011608)   556529.40
3777493.38   96.86454 (19010208)
        556549.40   3777493.38   116.22108 (19010208)   556569.40
3777493.38   135.37587 (19010208)
        556589.40   3777493.38   151.46587 (19010208)   556609.40
3777493.38   160.19082 (19010208)

556629.40 3777493.38 157.70218 (19010208) 556649.40
3777493.38 144.28786 (19010208)
556669.40 3777493.38 123.42360 (19010208) 556689.40
3777493.38 100.07085 (19010208)
556709.40 3777493.38 79.91668 (19010208) 556729.40
3777493.38 65.49942 (19010208)
556749.40 3777493.38 56.09854 (21012908) 556769.40
3777493.38 58.20513 (20031809)
556789.40 3777493.38 61.25431 (21012015) 556809.40
3777493.38 61.55894 (21012015)
556829.40 3777493.38 68.75120 (20112708) 556849.40
3777493.38 74.05730 (20112708)
556869.40 3777493.38 73.34533 (20112708) 556889.40
3777493.38 66.63150 (20112708)
556909.40 3777493.38 77.77385 (21012508) 556929.40
3777493.38 88.20506 (21012508)
556949.40 3777493.38 93.91451 (21012508) 556969.40
3777493.38 93.04137 (21012508)
556989.40 3777493.38 86.14578 (21012508) 557009.40
3777493.38 74.81887 (21012508)
557029.40 3777493.38 61.37680 (21012508) 557049.40
3777493.38 48.23138 (21012508)
557069.40 3777493.38 39.52307 (21123015) 557089.40
3777493.38 34.63337 (19020411)
557109.40 3777493.38 34.26560 (19020411) 557129.40
3777493.38 33.14477 (21122315)
557149.40 3777493.38 34.80147 (21122315) 557169.40
3777493.38 35.42778 (21122315)
557189.40 3777493.38 34.93772 (21122315) 557209.40
3777493.38 33.42402 (21122315)
557229.40 3777493.38 30.98659 (21122315) 557249.40
3777493.38 27.90007 (21122315)
557269.40 3777493.38 24.43239 (21122315) 557289.40
3777493.38 23.06996 (23020708)
557309.40 3777493.38 23.39561 (23020708) 557329.40
3777493.38 23.58904 (23020708)
557349.40 3777493.38 23.63140 (23020708) 557369.40
3777493.38 23.50947 (23020708)
557389.40 3777493.38 23.25279 (23020708) 557409.40
3777493.38 22.85437 (23020708)
557429.40 3777493.38 22.28274 (23020708) 557449.40
3777493.38 21.66973 (23020708)
557469.40 3777493.38 20.97694 (23020708) 557489.40
3777493.38 20.18433 (23020708)
556509.40 3777513.38 87.96230 (19010208) 556529.40
3777513.38 105.21818 (19010208)
556549.40 3777513.38 122.75636 (19010208) 556569.40
3777513.38 138.66549 (19010208)
556589.40 3777513.38 148.05871 (19010208) 556609.40
3777513.38 148.31155 (19010208)

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        556629.40   3777513.38      139.48748  (19010208)               556649.40
3777513.38      122.29441  (19010208)
        556669.40   3777513.38      101.38062  (19010208)               556689.40
3777513.38       81.27070  (19010208)
        556709.40   3777513.38       65.57813  (19010208)               556729.40
3777513.38       54.76006  (19010208)
        556749.40   3777513.38       51.02347  (20031809)               556769.40
3777513.38       53.16005  (20031809)
        556789.40   3777513.38       55.76272  (21012015)               556809.40
3777513.38       55.33880  (21012015)
        556829.40   3777513.38       62.70351  (20112708)               556849.40
3777513.38       67.29413  (20112708)
        556869.40   3777513.38       66.77142  (20112708)               556889.40
3777513.38       61.13406  (20112708)
        556909.40   3777513.38       68.09624  (21012508)               556929.40
3777513.38       78.12177  (21012508)
        556949.40   3777513.38       84.76056  (21012508)               556969.40
3777513.38       86.13034  (21012508)
        556989.40   3777513.38       82.03974  (21012508)               557009.40
3777513.38       73.58642  (21012508)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                  L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                  L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        557029.40   3777513.38       62.30654  (21012508)              557049.40
3777513.38       50.45286  (21012508)
        557069.40   3777513.38       39.44409  (21012508)              557089.40
3777513.38       33.98377  (21123015)
        557109.40   3777513.38       30.96762  (19020411)              557129.40
3777513.38       30.59200  (19020411)
        557149.40   3777513.38       29.57864  (21122315)              557169.40
3777513.38       31.16353  (21122315)
        557189.40   3777513.38       31.88722  (21122315)              557209.40
3777513.38       31.70467  (21122315)
        557229.40   3777513.38       30.56438  (21122315)              557249.40
3777513.38       28.64037  (21122315)
        557269.40   3777513.38       26.07315  (21122315)              557289.40
3777513.38       23.10409  (21122315)
        557309.40   3777513.38       20.58260  (18011008)              557329.40
3777513.38       20.95883  (23020708)
        557349.40   3777513.38       21.23914  (23020708)              557369.40
3777513.38       21.38652  (23020708)
        557389.40   3777513.38       21.42027  (23020708)              557409.40
3777513.38       21.32748  (23020708)
        557429.40   3777513.38       21.07885  (23020708)              557449.40
3777513.38       20.72926  (23020708)
        557469.40   3777513.38       20.28720  (23020708)              557489.40
3777513.38       19.75880  (23020708)
        556509.40   3777533.38       95.71503  (19010208)              556529.40
3777533.38      111.93709  (19010208)
        556549.40   3777533.38      126.36990  (19010208)              556569.40
3777533.38      136.29613  (19010208)
        556589.40   3777533.38      138.97459  (19010208)              556609.40
3777533.38      133.23930  (19010208)
        556629.40   3777533.38      119.88348  (19010208)              556649.40
3777533.38      101.75191  (19010208)
        556669.40   3777533.38       82.67030  (19010208)              556689.40
3777533.38       66.45538  (19010208)
        556709.40   3777533.38       54.49685  (19010208)              556729.40
3777533.38       47.24484  (21012908)
        556749.40   3777533.38       47.89825  (20031809)              556769.40
3777533.38       48.43138  (21012015)
        556789.40   3777533.38       50.88351  (21012015)              556809.40
3777533.38       50.22930  (20112708)
        556829.40   3777533.38       57.52438  (20112708)              556849.40
3777533.38       61.49180  (20112708)
        556869.40   3777533.38       61.10816  (20112708)              556889.40
3777533.38       56.35573  (20112708)
        556909.40   3777533.38       60.08023  (21012508)              556929.40
3777533.38       69.32754  (21012508)
        556949.40   3777533.38       76.32996  (21012508)              556969.40
3777533.38       79.23216  (21012508)
        556989.40   3777533.38       77.49013  (21012508)              557009.40
3777533.38       71.51923  (21012508)
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        557029.40   3777533.38       62.40737  (21012508)                557049.40
3777533.38       51.97540  (21012508)
        557069.40   3777533.38       41.67881  (21012508)                557089.40
3777533.38       33.58318  (21123015)
        557109.40   3777533.38       29.41149  (21123015)                557129.40
3777533.38       27.87008  (19020411)
        557149.40   3777533.38       27.48936  (19020411)                557169.40
3777533.38       26.55362  (21122315)
        557189.40   3777533.38       28.05293  (21122315)                557209.40
3777533.38       28.86861  (21122315)
        557229.40   3777533.38       28.84553  (21122315)                557249.40
3777533.38       28.05030  (21122315)
        557269.40   3777533.38       26.50536  (21122315)                557289.40
3777533.38       24.37886  (21122315)
        557309.40   3777533.38       21.84767  (21122315)                557329.40
3777533.38       19.23837  (18011008)
        557349.40   3777533.38       18.81814  (23020708)                557369.40
3777533.38       19.15392  (23020708)
        557389.40   3777533.38       19.37349  (23020708)                557409.40
3777533.38       19.52159  (23020708)
        557429.40   3777533.38       19.53566  (23020708)                557449.40
3777533.38       19.44790  (23020708)
        557469.40   3777533.38       19.23278  (23020708)                557489.40
3777533.38       18.92870  (23020708)
        556509.40   3777553.38      102.18210  (19010208)                556529.40
3777553.38      115.83496  (19010208)
        556549.40   3777553.38      125.82796  (19010208)                556569.40
3777553.38      130.20638  (19010208)
        556589.40   3777553.38      127.25418  (19010208)                556609.40
3777553.38      116.88130  (19010208)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                   L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                   L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,
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*** 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)
556629.40	3777553.38	101.53453	(19010208)	556649.40	3777553.38	84.22307	(19010208)
556669.40	3777553.38	67.78307	(19010208)	556689.40	3777553.38	54.88582	(19010208)
556709.40	3777553.38	45.76831	(21012908)	556729.40	3777553.38	41.57801	(21012908)
556749.40	3777553.38	44.73861	(20031809)	556769.40	3777553.38	44.91842	(21012015)
556789.40	3777553.38	46.55469	(21012015)	556809.40	3777553.38	46.58072	(20112708)
556829.40	3777553.38	52.96021	(20112708)	556849.40	3777553.38	56.48638	(20112708)
556869.40	3777553.38	56.23704	(20112708)	556889.40	3777553.38	52.18620	(20112708)
556909.40	3777553.38	53.29489	(21012508)	556929.40	3777553.38	61.87564	(21012508)
556949.40	3777553.38	68.66804	(21012508)	556969.40	3777553.38	72.67629	(21012508)
556989.40	3777553.38	72.61148	(21012508)	557009.40	3777553.38	68.77779	(21012508)
557029.40	3777553.38	61.66129	(21012508)	557049.40	3777553.38	52.80538	(21012508)
557069.40	3777553.38	43.43048	(21012508)	557089.40	3777553.38	34.63667	(21012508)
557109.40	3777553.38	29.35793	(21123015)	557129.40	3777553.38	25.60151	(21123015)
557149.40	3777553.38	25.22429	(19020411)	557169.40	3777553.38	24.84535	(19020411)
557189.40	3777553.38	23.96471	(21122315)	557209.40	3777553.38	25.38890	(21122315)
557229.40	3777553.38	26.21188	(21122315)	557249.40	3777553.38	26.35295	(21122315)
557269.40	3777553.38	25.79256	(21122315)	557289.40	3777553.38	24.57712	(21122315)
557309.40	3777553.38	22.81250	(21122315)	557329.40	3777553.38	20.64954	(21122315)
557349.40	3777553.38	18.25665	(21122315)	557369.40	3777553.38	17.27378	(18011008)
557389.40	3777553.38	17.30344	(23020708)	557409.40	3777553.38	17.60009	(23020708)

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        557429.40   3777553.38       17.80057  (23020708)                557449.40
3777553.38       17.91244  (23020708)
        557469.40   3777553.38       17.91801  (23020708)                557489.40
3777553.38       17.80931  (23020708)
        557438.91   3777336.71       27.61931  (20010608)                556615.91
3777136.99      447.04725  (20121008)
        556586.37   3777056.16      215.00214  (21120708)                556672.35
3776929.14      194.70066  (23011008)
        556692.35   3776929.14      208.22699  (23011008)                556712.35
3776929.14      206.73349  (21120908)
        556732.35   3776929.14      221.06661  (21120908)                556752.35
3776929.14      203.93733  (21120908)
        556772.35   3776929.14      196.88657  (21012208)                556792.35
3776929.14      233.62550  (21012208)
        556812.35   3776929.14      244.68639  (18010908)                556832.35
3776929.14      253.50848  (18011108)
        556852.35   3776929.14      240.56576  (18011108)                556672.35
3776949.14      194.16562  (23011008)
        556692.35   3776949.14      222.26000  (23011008)                556712.35
3776949.14      228.08532  (23011008)
        556732.35   3776949.14      240.05653  (21120908)                556752.35
3776949.14      237.65231  (21120908)
        556772.35   3776949.14      204.71496  (21012208)                556792.35
3776949.14      250.65849  (21012208)
        556812.35   3776949.14      264.69732  (18010908)                556832.35
3776949.14      276.97638  (18011108)
        556852.35   3776949.14      264.30501  (18011608)                556672.35
3776969.14      186.48257  (23011008)
        556692.35   3776969.14      227.59547  (23011008)                556712.35
3776969.14      252.24662  (23011008)
        556732.35   3776969.14      251.99906  (21120908)                556752.35
3776969.14      269.58731  (21120908)
        556772.35   3776969.14      241.25783  (21120908)                556792.35
3776969.14      268.85668  (21012208)
        556812.35   3776969.14      289.22502  (21012208)                556832.35
3776969.14      304.63438  (18011108)
        556852.35   3776969.14      291.22119  (18011608)                556672.35
3776989.14      173.71076  (23011008)
        556692.35   3776989.14      223.12190  (23011008)                556712.35
3776989.14      267.23766  (23011008)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                 L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                 L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                          *** 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)
 -
- -
        556732.35   3776989.14   283.59221 (23011008)   556752.35
3776989.14   297.74051 (21120908)
        556772.35   3776989.14   288.69603 (21120908)   556792.35
3776989.14   287.96062 (21012208)
        556812.35   3776989.14   322.26538 (21012208)   556832.35
3776989.14   340.97047 (18010908)
        556852.35   3776989.14   323.37572 (18011608)   556672.35
3777009.14   159.79535 (23011008)
        556692.35   3777009.14   210.09626 (23011008)   556712.35
3777009.14   269.83421 (23011008)
        556732.35   3777009.14   313.39189 (23011008)   556752.35
3777009.14   318.42563 (21120908)
        556772.35   3777009.14   337.68588 (21120908)   556792.35
3777009.14   307.98428 (21012208)
        556812.35   3777009.14   362.66115 (21012208)   556832.35
3777009.14   382.75684 (18010908)
        556852.35   3777009.14   362.44141 (18011608)   556672.35
3777029.14   187.10027 (21120708)
        556692.35   3777029.14   192.76307 (23011008)   556712.35
3777029.14   259.26623 (23011008)
        556732.35   3777029.14   329.41749 (23011008)   556752.35
3777029.14   365.10074 (23011008)
        556772.35   3777029.14   384.26575 (21120908)   556792.35
3777029.14   362.54813 (21120908)
        556812.35   3777029.14   406.68495 (21012208)   556832.35
3777029.14   433.72598 (18010908)
        556852.35   3777029.14   410.85543 (18011608)   556672.35
3777049.14   269.01740 (21120708)
        556692.35   3777049.14   237.78699 (21120708)   556712.35
3777049.14   239.33302 (23011008)

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        556732.35   3777049.14      327.28785  (23011008)              556752.35
3777049.14      403.95718  (23011008)
        556772.35   3777049.14      423.51968  (21120908)              556792.35
3777049.14      441.50727  (21120908)
        556812.35   3777049.14      458.61883  (21012208)              556832.35
3777049.14      497.27430  (18010908)
        556852.35   3777049.14      472.52844  (18011608)              556927.54
3776959.53      254.53389  (23012008)
        556947.54   3776959.53      243.88348  (20012008)              556967.54
3776959.53      239.54280  (19122508)
        556987.54   3776959.53      211.12122  (19122508)              557007.54
3776959.53      164.74169  (19122508)
        557027.54   3776959.53      119.45065  (19122508)              557047.54
3776959.53       85.31862  (19122508)
        557067.54   3776959.53       63.13155  (19122508)              557087.54
3776959.53       49.30346  (19122508)
        556927.54   3776979.53      280.67079  (20121408)              556947.54
3776979.53      271.54336  (21020108)
        556967.54   3776979.53      250.80017  (19122508)              556987.54
3776979.53      200.32268  (19122508)
        557007.54   3776979.53      145.95068  (19122508)              557027.54
3776979.53      102.15600  (19122508)
        557047.54   3776979.53       73.72253  (19122508)              557067.54
3776979.53       56.67631  (19122508)
        557087.54   3776979.53       45.81528  (19122508)              556927.54
3776999.53      306.92232  (20012008)
        556947.54   3776999.53      297.31012  (19122508)              556967.54
3776999.53      247.89962  (19122508)
        556987.54   3776999.53      181.50389  (19122508)              557007.54
3776999.53      124.50725  (19122508)
        557027.54   3776999.53       87.24409  (19122508)              557047.54
3776999.53       65.60013  (19122508)
        557067.54   3776999.53       52.59846  (19122508)              557087.54
3776999.53       54.78084  (19122315)
        556927.54   3777019.53      348.14949  (21020108)              556947.54
3777019.53      308.76504  (19122508)
        556967.54   3777019.53      229.07047  (19122508)              556987.54
3777019.53      155.28557  (19122508)
        557007.54   3777019.53      105.00298  (19122508)              557027.54
3777019.53       76.80525  (19122508)
        557047.54   3777019.53       64.15288  (19122315)              557067.54
3777019.53       66.19528  (19122315)
        557087.54   3777019.53       65.33963  (19122315)              556927.54
3777039.53      385.07338  (19122508)
        556947.54   3777039.53      297.78978  (19122508)              556967.54
3777039.53      199.34480  (19122508)
        556987.54   3777039.53      129.36143  (19122508)              557007.54
3777039.53       91.12164  (19122508)
        557027.54   3777039.53       79.68047  (19122315)              557047.54
3777039.53       79.83227  (19122315)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 ,
L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000045 , L0000046 , L0000047 ,
L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , . . . ,

*** 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)
557067.54	3777039.53	76.30154	(19122315)	557087.54	3777039.53	70.14046	(19122315)
557047.54	3777059.53	87.89079	(19122315)	557067.54	3777059.53	77.95289	(19122315)
557087.54	3777059.53	67.08468	(19122315)	556919.02	3777174.93	444.41423	(18121708)
556939.02	3777174.93	330.41216	(18121708)	556919.02	3777194.93	403.56684	(18123110)
556939.02	3777194.93	315.92217	(18121708)	556919.02	3777214.93	405.00798	(18123110)
556939.02	3777214.93	322.10268	(18123110)	556919.02	3777234.93	372.04197	(18123110)
556939.02	3777234.93	298.47599	(18123110)	556919.02	3777254.93	388.94084	(19011408)
556939.02	3777254.93	284.46831	(19011408)	557023.57	3777171.57	138.83815	(18121708)
557043.57	3777171.57	120.26594	(18121708)	557063.57	3777171.57	105.49096	(18121708)
557083.57	3777171.57	93.60704	(18121708)	557023.57	3777191.57	151.81334	(18121708)

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        557043.57   3777191.57      132.15687  (18121708)              557063.57
3777191.57      116.27684  (18121708)
        557083.57   3777191.57      103.43594  (18121708)              557023.57
3777211.57      143.21123  (18121708)
        557043.57   3777211.57      127.35643  (18121708)              557063.57
3777211.57      113.99373  (18121708)
        557083.57   3777211.57      102.23947  (18121708)              557023.57
3777231.57      143.21233  (20011708)
        557043.57   3777231.57      125.27530  (20010608)              557063.57
3777231.57      111.14922  (20010608)
        557083.57   3777231.57       97.77262  (20010608)              557023.57
3777251.57      143.39885  (18123110)
        557043.57   3777251.57      124.65487  (20011708)              557063.57
3777251.57      111.43840  (20011708)
        557083.57   3777251.57       97.87954  (20011708)              556249.05
3776972.85       62.76647  (20121008)
        556269.05   3776972.85       59.82811  (20121008)              556229.05
3776992.85       80.85486  (20121008)
        556249.05   3776992.85       80.43847  (20121008)              556269.05
3776992.85       78.84003  (20121008)
        556289.05   3776992.85       76.69942  (20121008)              556309.05
3776992.85       73.72558  (20121008)
        556329.05   3776992.85       70.86133  (20121008)              556209.05
3777012.85       91.82291  (20121008)
        556229.05   3777012.85       94.57968  (20121008)              556249.05
3777012.85       95.80838  (20121008)
        556269.05   3777012.85       96.11273  (20121008)              556289.05
3777012.85       95.77849  (20121008)
        556309.05   3777012.85       95.57712  (20121008)              556329.05
3777012.85       93.51647  (20121008)
        556209.05   3777032.85       98.77578  (20121008)              556229.05
3777032.85      102.95801  (20121008)
        556249.05   3777032.85      106.47565  (20121008)              556269.05
3777032.85      109.23536  (20121008)
        556289.05   3777032.85      111.48659  (20121008)              556309.05
3777032.85      113.24609  (20121008)
        556209.05   3777052.85       98.82087  (20121008)              556229.05
3777052.85      104.76360  (20121008)
        556249.05   3777052.85      109.29758  (20121008)              556269.05
3777052.85      114.76093  (20121008)
        556289.05   3777052.85      119.66964  (20121008)              556309.05
3777052.85      124.37116  (20121008)
        556249.05   3777072.85      110.13386  (21122408)              556269.05
3777072.85      113.74752  (21122408)
        556289.05   3777072.85      119.42750  (20121008)              556269.05
3777092.85      119.78315  (21122408)
        556441.69   3776927.49      145.96807  (21120708)              556461.69
3776927.49      146.46760  (21120708)
        556481.69   3776927.49      142.00052  (21120708)              556421.69
3776947.49      135.74984  (21120708)
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                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                 L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                 L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                             *** 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)
 -
- -
        556441.69   3776987.49   128.13208 (21120708)   556461.69
3776987.49   143.62219 (21120708)
        556481.69   3776987.49   158.77453 (21120708)   556421.69
3777007.49   100.40959 (21120708)
        556441.69   3777007.49   115.24664 (21120708)   556461.69
3777007.49   131.09589 (21120708)
        556481.69   3777007.49   147.64104 (21120708)   556441.69
3777027.49   102.29281 (21120708)
        556461.69   3777027.49   118.21073 (21120708)   556481.69
3777027.49   135.19456 (21120708)

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        556251.24   3777154.95       84.27870  (21122408)                556261.28
3777141.20       97.87667  (21122408)
        556264.98   3777168.16       77.36222  (21122408)                556279.25
3777151.77       95.37190  (21122408)
        556202.60   3777113.45       96.44639  (21122408)                556220.05
3777109.75      102.67786  (21122408)
        556187.53   3777090.19       98.74992  (21122408)                556164.27
3777121.38       82.69770  (21122408)
        557510.26   3776508.23       17.59456  (20011608)                557530.26
3776508.23       16.70669  (20011608)
        557550.26   3776508.23       16.15026  (20123108)                557570.26
3776508.23       15.64491  (20123108)
        557590.26   3776508.23       15.18251  (20123108)                557610.26
3776508.23       14.80962  (20123108)
        557630.26   3776508.23       14.26140  (20123108)                557650.26
3776508.23       13.74719  (20123108)
        557670.26   3776508.23       13.02858  (20123108)                557690.26
3776508.23       12.20605  (20123108)
        557510.26   3776528.23       16.66562  (20011608)                557530.26
3776528.23       16.16876  (20123108)
        557550.26   3776528.23       15.68333  (20123108)                557570.26
3776528.23       14.96273  (20123108)
        557590.26   3776528.23       14.46145  (20123108)                557610.26
3776528.23       13.94928  (20123108)
        557630.26   3776528.23       13.45052  (20123108)                557650.26
3776528.23       12.95273  (20123108)
        557670.26   3776528.23       12.12954  (20123108)                557690.26
3776528.23       11.42212  (20123108)
        557510.26   3776548.23       15.89790  (20123108)                557530.26
3776548.23       15.53495  (20123108)
        557550.26   3776548.23       14.57988  (20123108)                557570.26
3776548.23       13.76862  (20123108)
        557590.26   3776548.23       13.31782  (20123108)                557610.26
3776548.23       12.74827  (20123108)
        557630.26   3776548.23       12.23655  (20123108)                557650.26
3776548.23       11.79249  (20123108)
        557670.26   3776548.23       11.09924  (20123108)                557690.26
3776548.23       10.91188  (23122608)
        557510.26   3776568.23       14.83335  (20123108)                557530.26
3776568.23       14.31251  (20123108)
        557550.26   3776568.23       13.42363  (20123108)                557570.26
3776568.23       12.45318  (20123108)
        557590.26   3776568.23       11.90071  (20123108)                557610.26
3776568.23       11.32859  (20123108)
        557630.26   3776568.23       10.84161  (20123108)                557650.26
3776568.23       10.53012  (20123108)
        557670.26   3776568.23       10.72358  (18010408)                557690.26
3776568.23       11.01790  (18010408)
        557510.26   3776588.23       13.34318  (20123108)                557530.26
3776588.23       12.89565  (20123108)
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        557550.26   3776588.23       11.98935  (20123108)               557570.26
3776588.23       10.88098  (20123108)
        557590.26   3776588.23       10.13029  (20123108)               557610.26
3776588.23        9.91466  (18010408)
        557630.26   3776588.23       10.37666  (18010408)               557650.26
3776588.23       10.79317  (18010408)
        557670.26   3776588.23       11.12766  (18010408)               557690.26
3776588.23       11.42922  (18010408)
        557510.26   3776608.23       11.46770  (20123108)               557530.26
3776608.23       11.07405  (20123108)
        557550.26   3776608.23       10.13328  (20123108)               557570.26
3776608.23        9.73460  (18010408)
        557590.26   3776608.23        9.82267  (18010408)               557610.26
3776608.23       10.05559  (18010408)
        557630.26   3776608.23       10.46462  (18010408)               557650.26
3776608.23       10.77885  (18010408)
        557670.26   3776608.23       10.98265  (18010408)               557690.26
3776608.23       11.13218  (18010408)
        557510.26   3776628.23        9.70943  (20010208)               557530.26
3776628.23        9.64995  (18010408)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                 L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                 L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        557550.26   3776628.23        9.66263  (18010408)               557570.26
3776628.23       10.02112  (18010408)
        557590.26   3776628.23        9.66977  (18010408)               557610.26
3776628.23        9.77454  (18010408)
        557630.26   3776628.23        9.98950  (18010408)               557650.26
3776628.23       10.35240  (18010408)
        557670.26   3776628.23       10.47652  (18010408)               557690.26
3776628.23       10.61496  (18010408)
        557510.26   3776648.23       10.09394  (18021908)               557530.26
3776648.23       10.16436  (18021908)
        557550.26   3776648.23       10.06524  (18021908)               557570.26
3776648.23        9.81450  (18021908)
        557590.26   3776648.23        9.45047  (18021908)               557610.26
3776648.23        8.97409  (18021908)
        557630.26   3776648.23        8.97725  (19122315)               557650.26
3776648.23        9.37752  (19122315)
        557670.26   3776648.23        9.66734  (19122315)               557690.26
3776648.23        9.84109  (19122315)
        557510.26   3776668.23       10.72832  (18021908)               557530.26
3776668.23       10.56485  (18021908)
        557550.26   3776668.23       10.23894  (18021908)               557570.26
3776668.23        9.78364  (18021908)
        557590.26   3776668.23        9.33742  (19122315)               557610.26
3776668.23        9.80497  (19122315)
        557630.26   3776668.23       10.15890  (19122315)               557650.26
3776668.23       10.38898  (19122315)
        557670.26   3776668.23       10.48566  (19122315)               557690.26
3776668.23       10.45218  (19122315)
        557510.26   3776688.23       11.07625  (18021908)               557530.26
3776688.23       10.66798  (18021908)
        557550.26   3776688.23       10.12091  (18021908)               557570.26
3776688.23       10.25605  (19122315)
        557590.26   3776688.23       10.68305  (19122315)               557610.26
3776688.23       10.97015  (19122315)
        557630.26   3776688.23       11.11655  (19122315)               557650.26
3776688.23       11.12266  (19122315)
        557670.26   3776688.23       10.98569  (19122315)               557690.26
3776688.23       10.72095  (19122315)
        556172.49   3776517.81       18.62787  (23011008)               556192.49
3776517.81       22.58555  (23011008)
        556212.49   3776517.81       26.93738  (23011008)               556232.49
3776517.81       31.76019  (23011008)
        556252.49   3776517.81       37.06497  (23011008)               556272.49
3776517.81       43.04925  (23011008)
        556292.49   3776517.81       50.08648  (23011008)               556312.49
3776517.81       58.73675  (23011008)
        556332.49   3776517.81       69.65038  (23011008)               556352.49
3776517.81       83.06982  (23011008)
        556372.49   3776517.81       98.76149  (23011008)               556392.49
3776517.81      114.84387  (23011008)
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        556412.49   3776517.81      128.76807  (23011008)                556432.49
3776517.81      137.08380  (23011008)
        556452.49   3776517.81      136.72203  (23011008)                556472.49
3776517.81      125.76591  (23011008)
        556492.49   3776517.81      106.87100  (23011008)                556172.49
3776537.81       16.63395  (23011008)
        556192.49   3776537.81       20.38269  (23011008)                556212.49
3776537.81       24.62847  (23011008)
        556232.49   3776537.81       29.31938  (23011008)                556252.49
3776537.81       34.45871  (23011008)
        556272.49   3776537.81       40.10548  (23011008)                556292.49
3776537.81       46.54776  (23011008)
        556312.49   3776537.81       54.23028  (23011008)                556332.49
3776537.81       63.84413  (23011008)
        556352.49   3776537.81       75.93462  (23011008)                556372.49
3776537.81       90.72829  (23011008)
        556392.49   3776537.81      107.59988  (23011008)                556412.49
3776537.81      123.98692  (23011008)
        556432.49   3776537.81      136.68822  (23011008)                556452.49
3776537.81      142.33904  (23011008)
        556472.49   3776537.81      137.01727  (23011008)                556492.49
3776537.81      121.88217  (23011008)
        556332.49   3776557.81       58.84110  (23011008)                556352.49
3776557.81       69.46204  (23011008)
        556372.49   3776557.81       82.92936  (23011008)                556392.49
3776557.81       99.16213  (23011008)
        556412.49   3776557.81      116.69312  (23011008)                556432.49
3776557.81      132.96019  (23011008)
        556452.49   3776557.81      144.15508  (23011008)                556472.49
3776557.81      145.46472  (23011008)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000059    , L0000060    , L0000061    , L0000062
, L0000063    , L0000064    , L0000065    ,
                  L0000066    , L0000067    , L0000068    , L0000069    , L0000070
, L0000045    , L0000046    , L0000047    ,
                  L0000048    , L0000049    , L0000050    , L0000051    , L0000052
, L0000053    , L0000054    ,  . . .      ,
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*** 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)
556492.49	3776557.81	135.51472	(23011008)	556332.49	3776577.81	54.55280	(23011008)
556352.49	3776577.81	63.88593	(23011008)	556372.49	3776577.81	75.77514	(23011008)
556392.49	3776577.81	90.70606	(23011008)	556412.49	3776577.81	108.18058	(23011008)
556432.49	3776577.81	126.55346	(23011008)	556452.49	3776577.81	142.00231	(23011008)
556472.49	3776577.81	149.75976	(23011008)	556492.49	3776577.81	146.64548	(23011008)
556332.49	3776597.81	50.89697	(23011008)	556352.49	3776597.81	59.14213	(23011008)
556372.49	3776597.81	69.50202	(23011008)	556392.49	3776597.81	82.79543	(23011008)
556412.49	3776597.81	99.32633	(23011008)	556432.49	3776597.81	118.26078	(23011008)
556452.49	3776597.81	137.12810	(23011008)	556472.49	3776597.81	150.87854	(23011008)
556492.49	3776597.81	154.34674	(23011008)	556252.49	3776617.81	24.35879	(23011008)
556272.49	3776617.81	29.46625	(23011008)	556292.49	3776617.81	35.06999	(23011008)
556312.49	3776617.81	41.09624	(23011008)	556332.49	3776617.81	47.68979	(23011008)
556352.49	3776617.81	55.13042	(23011008)	556372.49	3776617.81	64.19489	(23011008)
556392.49	3776617.81	75.77205	(23011008)	556412.49	3776617.81	90.65082	(23011008)
556432.49	3776617.81	108.93393	(23011008)	556452.49	3776617.81	128.87095	(23011008)
556472.49	3776617.81	147.60648	(23011008)	556492.49	3776617.81	157.95607	(23011008)
556252.49	3776637.81	21.86903	(23011008)	556272.49	3776637.81	26.82496	(23011008)
556292.49	3776637.81	32.31726	(23011008)	556312.49	3776637.81	38.30222	(23011008)
556332.49	3776637.81	44.67192	(23011008)	556352.49	3776637.81	51.67661	(23011008)
556372.49	3776637.81	59.74317	(23011008)	556392.49	3776637.81	69.78134	(23011008)

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        556412.49   3776637.81       82.78705  (23011008)                556432.49
3776637.81       99.49030  (23011008)
        556452.49   3776637.81      119.54919  (23011008)                556472.49
3776637.81      140.41381  (23011008)
        556492.49   3776637.81      157.15786  (23011008)                556252.49
3776657.81       19.47448  (23011008)
        556272.49   3776657.81       24.19553  (23011008)                556292.49
3776657.81       29.52916  (23011008)
        556312.49   3776657.81       35.46747  (23011008)                556332.49
3776657.81       41.77148  (23011008)
        556352.49   3776657.81       48.52168  (23011008)                556372.49
3776657.81       55.97739  (23011008)
        556392.49   3776657.81       64.83301  (23011008)                556412.49
3776657.81       76.00095  (23011008)
        556432.49   3776657.81       90.68807  (23011008)                556452.49
3776657.81      109.44325  (23011008)
        556472.49   3776657.81      131.20254  (23011008)                556492.49
3776657.81      152.09140  (23011008)
        556252.49   3776677.81       25.76621  (21120708)                556272.49
3776677.81       21.54551  (23011008)
        556292.49   3776677.81       26.72740  (23011008)                556312.49
3776677.81       32.54392  (23011008)
        556332.49   3776677.81       38.85234  (23011008)                556352.49
3776677.81       45.53019  (23011008)
        556372.49   3776677.81       52.71120  (23011008)                556392.49
3776677.81       60.76629  (23011008)
        556412.49   3776677.81       70.41856  (23011008)                556432.49
3776677.81       82.97100  (23011008)
        556452.49   3776677.81       99.63819  (23011008)                556472.49
3776677.81      120.55856  (23011008)
        556492.49   3776677.81      143.56535  (23011008)                556252.49
3776697.81       36.62438  (21120708)
        556272.49   3776697.81       29.05737  (21120708)                556372.49
3776697.81       49.66534  (23011008)
        556392.49   3776697.81       57.37487  (23011008)                556412.49
3776697.81       65.93885  (23011008)
        556432.49   3776697.81       76.61496  (23011008)                556452.49
3776697.81       90.82818  (23011008)
        556472.49   3776697.81      109.79719  (23011008)                556492.49
3776697.81      132.86163  (23011008)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:24:20

                                 PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000059   , L0000060   , L0000061   , L0000062
, L0000063   , L0000064   , L0000065   ,
                  L0000066   , L0000067   , L0000068   , L0000069   , L0000070
, L0000045   , L0000046   , L0000047   ,
                  L0000048   , L0000049   , L0000050   , L0000051   , L0000052
, L0000053   , L0000054   , . . .   ,

                                          *** 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)
 -
- -
        556252.49   3776717.81   49.27393 (21120708)   556272.49
3776717.81   41.10505 (21120708)
        556372.49   3776717.81   46.66911 (23011008)   556392.49
3776717.81   54.32997 (23011008)
        556412.49   3776717.81   62.30095 (23011008)   556432.49
3776717.81   71.60075 (23011008)
        556452.49   3776717.81   83.50888 (23011008)   556472.49
3776717.81   99.78013 (23011008)
        556492.49   3776717.81   121.26009 (23011008)   556267.40
3776875.81   84.49054 (21120708)
        556239.03   3776853.02   82.27618 (21120708)   556178.76
3776751.21   80.58413 (21120708)
        556154.45   3776774.51   76.96630 (21120708)   556119.50
3776705.11   72.28154 (21120708)
        556146.51   3777267.93   30.44358 (18122608)   556151.00
3777234.88   30.19593 (19112008)
        556144.93   3777179.58   45.47586 (21122408)   556205.18
3777236.46   35.33595 (19112008)
        556218.00   3777200.04   44.87721 (21122408)   556774.37
3777347.57   202.33038 (19010208)

                                          *** THE SUMMARY OF MAXIMUM PERIOD (43824

HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ONSITE	1ST HIGHEST VALUE IS	9.03972 AT	(556919.02, 3777174.93, 975.11, 975.11, 0.00)	DC	
	2ND HIGHEST VALUE IS	7.84109 AT	(556919.02, 3777194.93, 975.13, 975.13, 0.00)	DC	
	3RD HIGHEST VALUE IS	6.10215 AT	(556919.02, 3777214.93, 974.11, 974.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	5.13625 AT	(556939.02, 3777174.93, 975.07, 975.07, 0.00)	DC	
	5TH HIGHEST VALUE IS	4.73694 AT	(556939.02, 3777194.93, 975.02, 975.02, 0.00)	DC	
	6TH HIGHEST VALUE IS	4.58021 AT	(556919.02, 3777234.93, 974.22, 974.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	4.42872 AT	(556852.35, 3777049.14, 979.74, 979.74, 0.00)	DC	
	8TH HIGHEST VALUE IS	4.02742 AT	(556939.02, 3777214.93, 974.76, 974.76, 0.00)	DC	
	9TH HIGHEST VALUE IS	3.94208 AT	(556832.35, 3777049.14, 979.91, 979.91, 0.00)	DC	
	10TH HIGHEST VALUE IS	3.41855 AT	(556919.02, 3777254.93, 973.97, 974.65, 0.00)	DC	
OFFSITE	1ST HIGHEST VALUE IS	12.23150 AT	(556919.02, 3777254.93, 973.97, 974.65, 0.00)	DC	
	2ND HIGHEST VALUE IS	9.28704 AT	(556919.02, 3777234.93, 974.22, 974.22, 0.00)	DC	
	3RD HIGHEST VALUE IS	7.77642 AT	(556939.02, 3777254.93, 974.28, 974.28, 0.00)	DC	
	4TH HIGHEST VALUE IS	7.39111 AT	(556919.02, 3777214.93, 974.11, 974.83, 0.00)	DC	
	5TH HIGHEST VALUE IS	5.86330 AT	(556939.02, 3777234.93, 974.60, 974.60, 0.00)	DC	
	6TH HIGHEST VALUE IS	5.62975 AT	(556919.02, 3777194.93, 975.13, 975.13, 0.00)	DC	
	7TH HIGHEST VALUE IS	4.83468 AT	(556615.91, 3777136.99, 979.24, 979.24, 0.00)	DC	
	8TH HIGHEST VALUE IS	4.74005 AT	(556939.02, 3777214.93, 974.76, 974.76, 0.00)	DC	

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         9TH HIGHEST VALUE IS       4.31315 AT (  556919.02,  3777174.93,   975.11,
  975.11,    0.00)  DC
        10TH HIGHEST VALUE IS       3.87800 AT (  556939.02,  3777194.93,   975.02,
  975.02,    0.00)  DC

ALL      1ST HIGHEST VALUE IS      15.65004 AT (  556919.02,  3777254.93,   973.97,
  974.65,    0.00)  DC
         2ND HIGHEST VALUE IS      13.86725 AT (  556919.02,  3777234.93,   974.22,
  974.22,    0.00)  DC
         3RD HIGHEST VALUE IS      13.49326 AT (  556919.02,  3777214.93,   974.11,
  974.83,    0.00)  DC
         4TH HIGHEST VALUE IS      13.47085 AT (  556919.02,  3777194.93,   975.13,
  975.13,    0.00)  DC
         5TH HIGHEST VALUE IS      13.35286 AT (  556919.02,  3777174.93,   975.11,
  975.11,    0.00)  DC
         6TH HIGHEST VALUE IS      10.38078 AT (  556939.02,  3777254.93,   974.28,
  974.28,    0.00)  DC
         7TH HIGHEST VALUE IS       9.13302 AT (  556939.02,  3777234.93,   974.60,
  974.60,    0.00)  DC
         8TH HIGHEST VALUE IS       8.76748 AT (  556939.02,  3777214.93,   974.76,
  974.76,    0.00)  DC
         9TH HIGHEST VALUE IS       8.61494 AT (  556939.02,  3777194.93,   975.02,
  975.02,    0.00)  DC
        10TH HIGHEST VALUE IS       8.32418 AT (  556939.02,  3777174.93,   975.07,
  975.07,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:24:20

                                  PAGE 129
 *** 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
```

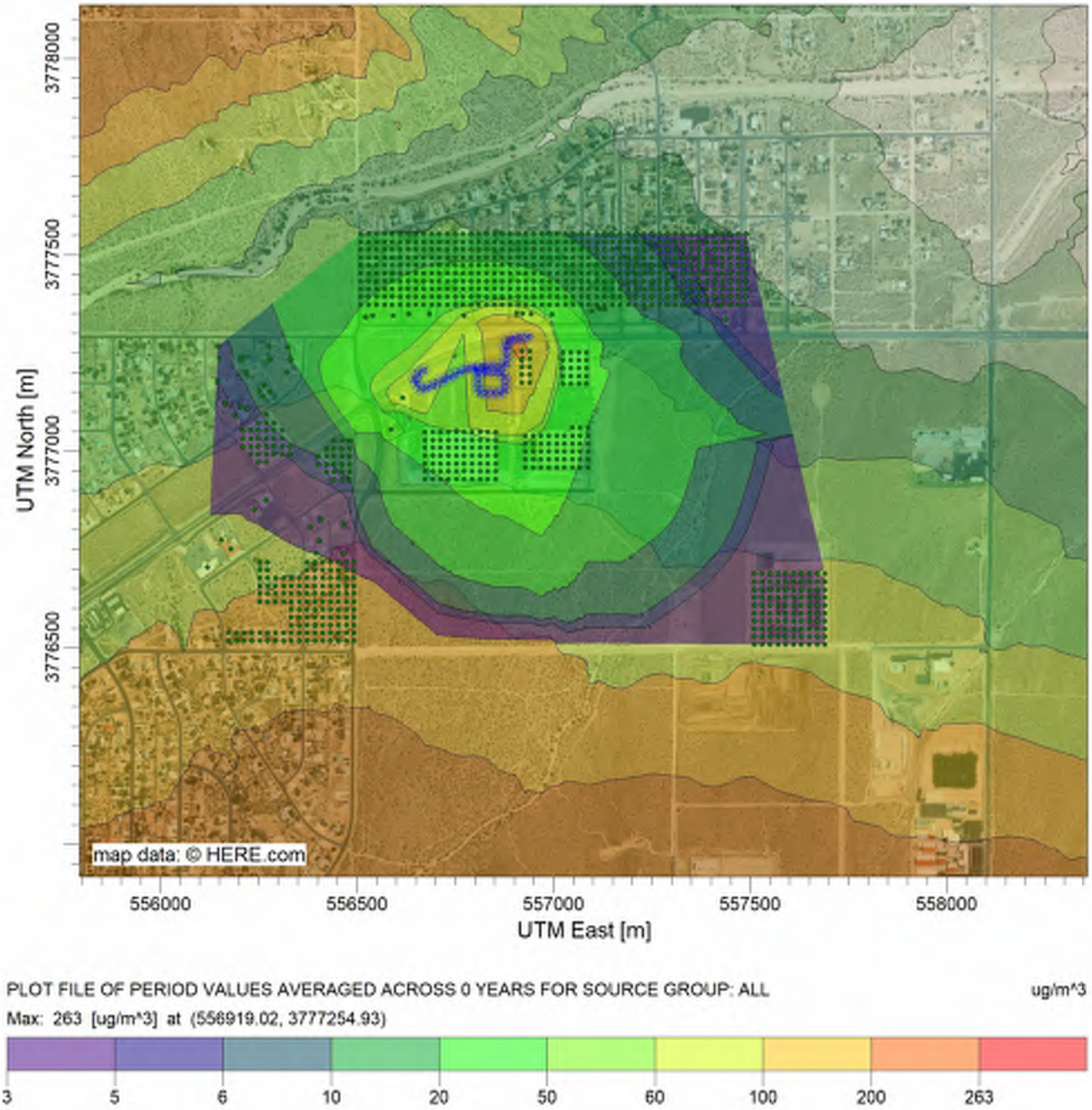
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- - - -

```
 MX W450   35065       CHKDAT: Record Out of Sequence in Meteorological File at:
 23010101
 MX W450   35065       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

PROJECT TITLE:

Operational (Truck Deliveries) - Unitized Emissions



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL

ug/m^3

Max: 263 [ug/m^3] at (556919.02, 3777254.93)

COMMENTS:	SOURCES: **5**		
	RECEPTORS: **980**		
	OUTPUT TYPE: **Concentration**	SCALE: 1:16,131 0 0.5 km	
	MAX: **263 ug/m^3**		PROJECT NO.:

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/6/2025
** File:
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Ops_Delivery_PS\Yucca_Walmart_Ops_Delivery
_PS.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Yucca_Walmart_Ops_Delivery_PS.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 Fuel Truck in Offsite 29 Palms HWY
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.608763693
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 5
** 556941.106, 3777292.230, 971.94, 3.15, 7.44
** 556892.179, 3777285.832, 972.30, 3.15, 7.44
```

```
** 556882.018, 3777279.810, 971.73, 3.15, 7.44
** 556877.878, 3777272.659, 971.95, 3.15, 7.44
** 556879.007, 3777264.379, 971.86, 3.15, 7.44
** ----------------------------------------------------------------------
   LOCATION L0000083     VOLUME   556933.173 3777291.192 972.16
   LOCATION L0000084     VOLUME   556917.308 3777289.118 972.34
   LOCATION L0000085     VOLUME   556901.443 3777287.043 972.57
   LOCATION L0000086     VOLUME   556886.452 3777282.438 972.65
   LOCATION L0000087     VOLUME   556878.227 3777270.100 971.88
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Fuel Truck In Onsite
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.590231463
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 19
** 556879.163, 3777263.782, 971.85, 3.15, 7.44
** 556881.338, 3777228.432, 973.05, 3.15, 7.44
** 556876.987, 3777220.546, 972.91, 3.15, 7.44
** 556870.733, 3777217.827, 973.07, 3.15, 7.44
** 556811.998, 3777216.196, 975.91, 3.15, 7.44
** 556808.463, 3777215.380, 975.97, 3.15, 7.44
** 556806.016, 3777209.670, 976.25, 3.15, 7.44
** 556807.919, 3777154.197, 977.75, 3.15, 7.44
** 556811.182, 3777150.390, 977.94, 3.15, 7.44
** 556817.164, 3777148.215, 978.05, 3.15, 7.44
** 556841.909, 3777148.487, 977.98, 3.15, 7.44
** 556869.374, 3777148.487, 977.75, 3.15, 7.44
** 556875.900, 3777155.829, 977.31, 3.15, 7.44
** 556878.075, 3777161.539, 976.98, 3.15, 7.44
** 556877.531, 3777170.513, 976.75, 3.15, 7.44
** 556877.531, 3777182.477, 976.41, 3.15, 7.44
** 556875.628, 3777194.442, 975.99, 3.15, 7.44
** 556870.733, 3777199.065, 976.04, 3.15, 7.44
** 556865.023, 3777201.512, 975.93, 3.15, 7.44
** ----------------------------------------------------------------------
   LOCATION L0000088     VOLUME   556879.654 3777255.797 971.82
   LOCATION L0000089     VOLUME   556880.637 3777239.828 972.36
   LOCATION L0000090     VOLUME   556879.124 3777224.419 972.83
   LOCATION L0000091     VOLUME   556865.978 3777217.695 973.25
   LOCATION L0000092     VOLUME   556849.984 3777217.251 974.42
   LOCATION L0000093     VOLUME   556833.990 3777216.807 975.47
   LOCATION L0000094     VOLUME   556817.997 3777216.362 975.92
   LOCATION L0000095     VOLUME   556806.021 3777209.511 976.21
   LOCATION L0000096     VOLUME   556806.570 3777193.521 976.60
```

```
   LOCATION L0000097     VOLUME   556807.118 3777177.530 977.09
   LOCATION L0000098     VOLUME   556807.667 3777161.539 977.58
   LOCATION L0000099     VOLUME   556814.602 3777149.147 977.96
   LOCATION L0000100     VOLUME   556830.438 3777148.361 977.97
   LOCATION L0000101     VOLUME   556846.437 3777148.487 977.90
   LOCATION L0000102     VOLUME   556862.437 3777148.487 977.78
   LOCATION L0000103     VOLUME   556875.395 3777155.261 977.49
   LOCATION L0000104     VOLUME   556877.531 3777170.652 977.02
   LOCATION L0000105     VOLUME   556876.875 3777186.600 976.68
   LOCATION L0000106     VOLUME   556869.513 3777199.587 976.29
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Fuel Truck Idle
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 2
** 556862.492, 3777202.562, 975.77, 3.15, 7.44
** 556828.592, 3777202.562, 976.25, 3.15, 7.44
** ----------------------------------------------------------------------
   LOCATION L0000025     VOLUME   556854.492 3777202.562 975.94
   LOCATION L0000026     VOLUME   556838.492 3777202.562 976.21
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Fuel Truck Out Onsite
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.409768537
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 12
** 556829.594, 3777203.564, 976.18, 3.15, 7.44
** 556816.735, 3777203.898, 976.25, 3.15, 7.44
** 556808.051, 3777207.906, 976.20, 3.15, 7.44
** 556801.205, 3777213.750, 976.09, 3.15, 7.44
** 556788.680, 3777213.583, 976.19, 3.15, 7.44
** 556784.338, 3777211.913, 976.23, 3.15, 7.44
** 556765.801, 3777204.232, 976.47, 3.15, 7.44
** 556682.136, 3777163.484, 977.56, 3.15, 7.44
** 556670.613, 3777159.477, 977.78, 3.15, 7.44
** 556661.428, 3777158.976, 977.81, 3.15, 7.44
** 556658.088, 3777164.319, 977.48, 3.15, 7.44
```

```
** 556647.568, 3777180.685, 977.16, 3.15, 7.44
** ----------------------------------------------------------------
   LOCATION L0000107     VOLUME   556821.597 3777203.771 976.30
   LOCATION L0000108     VOLUME   556806.855 3777208.927 976.21
   LOCATION L0000109     VOLUME   556792.635 3777213.636 976.17
   LOCATION L0000110     VOLUME   556777.508 3777209.083 976.26
   LOCATION L0000111     VOLUME   556762.810 3777202.775 976.52
   LOCATION L0000112     VOLUME   556748.425 3777195.769 976.73
   LOCATION L0000113     VOLUME   556734.040 3777188.763 976.91
   LOCATION L0000114     VOLUME   556719.656 3777181.758 977.11
   LOCATION L0000115     VOLUME   556705.271 3777174.752 977.32
   LOCATION L0000116     VOLUME   556690.886 3777167.746 977.47
   LOCATION L0000117     VOLUME   556676.217 3777161.426 977.69
   LOCATION L0000118     VOLUME   556660.968 3777159.712 977.71
   LOCATION L0000119     VOLUME   556652.374 3777173.208 977.24
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Fuel Truck Out Offsite
** PREFIX
** Length of Side = 16.00
** Configuration = Adjacent
** Emission Rate = 0.391236307
** Vertical Dimension = 6.29
** SZINIT = 2.93
** Nodes = 5
** 556649.572, 3777177.679, 977.19, 3.15, 0.00
** 556646.232, 3777183.524, 977.24, 3.15, 7.44
** 556649.405, 3777193.043, 977.44, 3.15, 7.44
** 556658.756, 3777201.393, 977.19, 3.15, 7.44
** 556677.460, 3777210.243, 976.82, 3.15, 7.44
** ----------------------------------------------------------------
   LOCATION L0000120     VOLUME   556646.633 3777184.727 977.19
   LOCATION L0000121     VOLUME   556654.801 3777197.861 977.21
   LOCATION L0000122     VOLUME   556668.426 3777205.968 976.92
** End of LINE VOLUME Source ID = SLINE5
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000083     0.1217527386      3.15      7.44      2.93
   SRCPARAM L0000084     0.1217527386      3.15      7.44      2.93
   SRCPARAM L0000085     0.1217527386      3.15      7.44      2.93
   SRCPARAM L0000086     0.1217527386      3.15      7.44      2.93
   SRCPARAM L0000087     0.1217527386      3.15      7.44      2.93
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000088     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000089     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000090     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000091     0.0310648138      3.15      7.44      2.93
```

```
   SRCPARAM L0000092     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000093     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000094     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000095     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000096     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000097     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000098     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000099     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000100     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000101     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000102     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000103     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000104     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000105     0.0310648138      3.15      7.44      2.93
   SRCPARAM L0000106     0.0310648138      3.15      7.44      2.93
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000025           0.5      3.15      7.44      2.93
   SRCPARAM L0000026           0.5      3.15      7.44      2.93
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000107     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000108     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000109     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000110     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000111     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000112     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000113     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000114     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000115     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000116     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000117     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000118     0.0315206567      3.15      7.44      2.93
   SRCPARAM L0000119     0.0315206567      3.15      7.44      2.93
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0000120     0.1304121023      3.15      7.44      2.93
   SRCPARAM L0000121     0.1304121023      3.15      7.44      2.93
   SRCPARAM L0000122     0.1304121023      3.15      7.44      2.93
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP Onsite   L0000088 L0000089 L0000090 L0000091 L0000092 L0000093
   SRCGROUP Onsite   L0000094 L0000095 L0000096 L0000097 L0000098 L0000099
   SRCGROUP Onsite   L0000100 L0000101 L0000102 L0000103 L0000104 L0000105
   SRCGROUP Onsite   L0000106 L0000107 L0000108 L0000109 L0000110 L0000111
   SRCGROUP Onsite   L0000112 L0000113 L0000114 L0000115 L0000116 L0000117
   SRCGROUP Onsite   L0000118 L0000119
   SRCGROUP Offsite  L0000083 L0000084 L0000085 L0000086 L0000087 L0000120
   SRCGROUP Offsite  L0000121 L0000122
   SRCGROUP Idle     L0000025 L0000026
```

```
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Yucca_Walmart_Ops_Delivery_PS.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\kpsp_sfc_pfl\KPSP_V11_trimmed.sfc
   PROFFILE ..\kpsp_sfc_pfl\KPSP_V11_trimmed.pfl
   SURFDATA 93138 2018 33.63 -116.16
   UAIRDATA 3190 2018
   PROFBASE 125.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST YUCCA_WALMART_OPS_DELIVERY_PS.AD\01H1GALL.PLT 31
   PLOTFILE 1 Onsite 1ST YUCCA_WALMART_OPS_DELIVERY_PS.AD\01H1G001.PLT 32
   PLOTFILE 1 Offsite 1ST YUCCA_WALMART_OPS_DELIVERY_PS.AD\01H1G002.PLT 33
   PLOTFILE 1 Idle 1ST YUCCA_WALMART_OPS_DELIVERY_PS.AD\01H1G003.PLT 34
   PLOTFILE PERIOD ALL YUCCA_WALMART_OPS_DELIVERY_PS.AD\PE00GALL.PLT 35
   PLOTFILE PERIOD Onsite YUCCA_WALMART_OPS_DELIVERY_PS.AD\PE00G001.PLT 36
   PLOTFILE PERIOD Offsite YUCCA_WALMART_OPS_DELIVERY_PS.AD\PE00G002.PLT 37
   PLOTFILE PERIOD Idle YUCCA_WALMART_OPS_DELIVERY_PS.AD\PE00G003.PLT 38
   SUMMFILE Yucca_Walmart_Ops_Delivery_PS.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     272       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     272       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  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    42 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  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:     42 Source(s);       4 Source Group(s); and     980
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     42 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) =   125.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:          aermod.inp
```

*** 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	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000083	0	0.12175E+00	556933.2	3777291.2	972.2	3.15	7.44	2.93	YES	NO	
L0000084	0	0.12175E+00	556917.3	3777289.1	972.3	3.15	7.44	2.93	YES	NO	
L0000085	0	0.12175E+00	556901.4	3777287.0	972.6	3.15	7.44	2.93	YES	NO	
L0000086	0	0.12175E+00	556886.5	3777282.4	972.6	3.15	7.44	2.93	YES	NO	
L0000087	0	0.12175E+00	556878.2	3777270.1	971.9	3.15	7.44	2.93	YES	NO	
L0000088	0	0.31065E-01	556879.7	3777255.8	971.8	3.15	7.44	2.93	YES	NO	
L0000089	0	0.31065E-01	556880.6	3777239.8	972.4	3.15	7.44	2.93	YES	NO	
L0000090	0	0.31065E-01	556879.1	3777224.4	972.8	3.15	7.44	2.93	YES	NO	
L0000091	0	0.31065E-01	556866.0	3777217.7	973.2	3.15	7.44	2.93	YES	NO	
L0000092	0	0.31065E-01	556850.0	3777217.3	974.4	3.15	7.44	2.93	YES	NO	
L0000093	0	0.31065E-01	556834.0	3777216.8	975.5	3.15	7.44	2.93	YES	NO	

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 L0000094         0   0.31065E-01  556818.0 3777216.4   975.9     3.15     7.44
2.93     YES                   NO
 L0000095         0   0.31065E-01  556806.0 3777209.5   976.2     3.15     7.44
2.93     YES                   NO
 L0000096         0   0.31065E-01  556806.6 3777193.5   976.6     3.15     7.44
2.93     YES                   NO
 L0000097         0   0.31065E-01  556807.1 3777177.5   977.1     3.15     7.44
2.93     YES                   NO
 L0000098         0   0.31065E-01  556807.7 3777161.5   977.6     3.15     7.44
2.93     YES                   NO
 L0000099         0   0.31065E-01  556814.6 3777149.1   978.0     3.15     7.44
2.93     YES                   NO
 L0000100         0   0.31065E-01  556830.4 3777148.4   978.0     3.15     7.44
2.93     YES                   NO
 L0000101         0   0.31065E-01  556846.4 3777148.5   977.9     3.15     7.44
2.93     YES                   NO
 L0000102         0   0.31065E-01  556862.4 3777148.5   977.8     3.15     7.44
2.93     YES                   NO
 L0000103         0   0.31065E-01  556875.4 3777155.3   977.5     3.15     7.44
2.93     YES                   NO
 L0000104         0   0.31065E-01  556877.5 3777170.7   977.0     3.15     7.44
2.93     YES                   NO
 L0000105         0   0.31065E-01  556876.9 3777186.6   976.7     3.15     7.44
2.93     YES                   NO
 L0000106         0   0.31065E-01  556869.5 3777199.6   976.3     3.15     7.44
2.93     YES                   NO
 L0000025         0   0.50000E+00  556854.5 3777202.6   975.9     3.15     7.44
2.93     YES                   NO
 L0000026         0   0.50000E+00  556838.5 3777202.6   976.2     3.15     7.44
2.93     YES                   NO
 L0000107         0   0.31521E-01  556821.6 3777203.8   976.3     3.15     7.44
2.93     YES                   NO
 L0000108         0   0.31521E-01  556806.9 3777208.9   976.2     3.15     7.44
2.93     YES                   NO
 L0000109         0   0.31521E-01  556792.6 3777213.6   976.2     3.15     7.44
2.93     YES                   NO
 L0000110         0   0.31521E-01  556777.5 3777209.1   976.3     3.15     7.44
2.93     YES                   NO
 L0000111         0   0.31521E-01  556762.8 3777202.8   976.5     3.15     7.44
2.93     YES                   NO
 L0000112         0   0.31521E-01  556748.4 3777195.8   976.7     3.15     7.44
2.93     YES                   NO
 L0000113         0   0.31521E-01  556734.0 3777188.8   976.9     3.15     7.44
2.93     YES                   NO
 L0000114         0   0.31521E-01  556719.7 3777181.8   977.1     3.15     7.44
2.93     YES                   NO
 L0000115         0   0.31521E-01  556705.3 3777174.8   977.3     3.15     7.44
2.93     YES                   NO
 L0000116         0   0.31521E-01  556690.9 3777167.7   977.5     3.15     7.44
2.93     YES                   NO
```

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 L0000117         0   0.31521E-01  556676.2 3777161.4   977.7     3.15     7.44
2.93     YES                    NO
 L0000118         0   0.31521E-01  556661.0 3777159.7   977.7     3.15     7.44
2.93     YES                    NO
 L0000119         0   0.31521E-01  556652.4 3777173.2   977.2     3.15     7.44
2.93     YES                    NO
 L0000120         0   0.13041E+00  556646.6 3777184.7   977.2     3.15     7.44
2.93     YES                    NO
↑ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 L0000121         0   0.13041E+00  556654.8 3777197.9   977.2     3.15     7.44
2.93     YES                    NO
 L0000122         0   0.13041E+00  556668.4 3777206.0   976.9     3.15     7.44
2.93     YES                    NO
↑ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                    SOURCE IDs
 -----------                                    ----------


  ONSITE     L0000088    , L0000089    , L0000090    , L0000091    , L0000092    ,
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```
L0000093    , L0000094    , L0000095    ,

             L0000096    , L0000097    , L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    ,

             L0000104    , L0000105    , L0000106    , L0000107    , L0000108    ,
L0000109    , L0000110    , L0000111    ,

             L0000112    , L0000113    , L0000114    , L0000115    , L0000116    ,
L0000117    , L0000118    , L0000119    ,

  OFFSITE    L0000083    , L0000084    , L0000085    , L0000086    , L0000087    ,
L0000120    , L0000121    , L0000122    ,

  IDLE       L0000025    , L0000026    ,

  ALL        L0000083    , L0000084    , L0000085    , L0000086    , L0000087    ,
L0000088    , L0000089    , L0000090    ,

             L0000091    , L0000092    , L0000093    , L0000094    , L0000095    ,
L0000096    , L0000097    , L0000098    ,

             L0000099    , L0000100    , L0000101    , L0000102    , L0000103    ,
L0000104    , L0000105    , L0000106    ,

             L0000025    , L0000026    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    ,
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                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------

              2035210.   L0000083    , L0000084    , L0000085    , L0000086    ,
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L0000087   , L0000088   , L0000089   ,
 L0000090   ,

             L0000091   , L0000092   , L0000093   , L0000094   , L0000095   ,
L0000096   , L0000097   , L0000098   ,

             L0000099   , L0000100   , L0000101   , L0000102   , L0000103   ,
L0000104   , L0000105   , L0000106   ,

             L0000025   , L0000026   , L0000107   , L0000108   , L0000109   ,
L0000110   , L0000111   , L0000112   ,

             L0000113   , L0000114   , L0000115   , L0000116   , L0000117   ,
L0000118   , L0000119   , L0000120   ,

             L0000121   , L0000122   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (556521.7, 3777341.6,   974.8,   974.8,   0.0);   (556539.9,
3777344.9,   974.6,   974.6,   0.0);
     (556591.8, 3777345.4,   974.7,   974.7,   0.0);   (556630.6,
3777349.7,   974.5,   974.5,   0.0);
     (556684.3, 3777349.4,   974.0,   974.0,   0.0);   (556905.6,
3777351.2,   972.5,   972.5,   0.0);
     (556920.9, 3777350.8,   972.0,   972.0,   0.0);   (556942.9,
3777350.1,   971.7,   971.7,   0.0);
     (556996.3, 3777348.3,   971.4,   971.4,   0.0);   (557096.8,
3777357.8,   968.8,   968.8,   0.0);
     (557115.8, 3777363.6,   968.3,   968.3,   0.0);   (557129.4,
3777361.4,   967.9,   967.9,   0.0);
     (557230.7, 3777364.0,   966.6,   966.6,   0.0);   (556466.2,
3776816.1,   988.3,   988.3,   0.0);
     (556407.9, 3776826.2,   987.6,   987.6,   0.0);   (556381.1,
3776807.1,   987.6,   987.6,   0.0);
     (556404.3, 3776771.5,   988.7,   988.7,   0.0);   (556465.2,
3776739.5,   990.3,   990.3,   0.0);
     (556396.1, 3776739.9,   989.3,   989.3,   0.0);   (556324.0,
3777265.4,   977.0,   977.0,   0.0);
     (556330.6, 3777234.0,   977.5,   977.5,   0.0);   (556321.1,

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3777373.4,     973.9,     973.9,       0.0);
     ( 556549.4, 3777373.4,     973.9,     973.9,       0.0);         ( 556569.4,
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     ( 556589.4, 3777373.4,     973.8,     973.8,       0.0);         ( 556609.4,
3777373.4,     973.7,     973.7,       0.0);
     ( 556629.4, 3777373.4,     973.7,     973.7,       0.0);         ( 556649.4,
3777373.4,     973.5,     973.5,       0.0);
     ( 556669.4, 3777373.4,     973.5,     973.5,       0.0);         ( 556689.4,
3777373.4,     973.7,     973.7,       0.0);
     ( 556709.4, 3777373.4,     973.8,     973.8,       0.0);         ( 556729.4,
3777373.4,     973.8,     973.8,       0.0);
     ( 556749.4, 3777373.4,     973.9,     973.9,       0.0);         ( 556769.4,
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     ( 556789.4, 3777373.4,     973.3,     973.3,       0.0);         ( 556809.4,
3777373.4,     973.3,     973.3,       0.0);
     ( 556829.4, 3777373.4,     973.1,     973.1,       0.0);         ( 556849.4,
3777373.4,     972.8,     972.8,       0.0);
     ( 556869.4, 3777373.4,     972.6,     972.6,       0.0);         ( 556889.4,
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     ( 556989.4, 3777373.4,     970.6,     970.6,       0.0);         ( 557009.4,
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     ( 557029.4, 3777373.4,     970.2,     970.2,       0.0);         ( 557049.4,
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     ( 557069.4, 3777373.4,     969.2,     969.2,       0.0);         ( 557089.4,
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     ( 557109.4, 3777373.4,     968.2,     968.2,       0.0);         ( 557129.4,
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     ( 557149.4, 3777373.4,     967.3,     967.3,       0.0);         ( 557169.4,
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     ( 557189.4, 3777373.4,     966.9,     966.9,       0.0);         ( 557209.4,
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     ( 557229.4, 3777373.4,     966.5,     966.5,       0.0);         ( 557249.4,
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     ( 557269.4, 3777373.4,     965.7,     965.7,       0.0);         ( 557289.4,
3777373.4,     965.5,     965.5,       0.0);
     ( 557309.4, 3777373.4,     965.4,     965.4,       0.0);         ( 557329.4,
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     ( 557349.4, 3777373.4,     964.8,     964.8,       0.0);         ( 557369.4,
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     ( 557389.4, 3777373.4,     964.1,     964.1,       0.0);         ( 557409.4,
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     ( 557429.4, 3777373.4,     963.2,     963.2,       0.0);         ( 557449.4,
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     (556549.4, 3777393.4,   973.3,   973.3,   0.0);   (556569.4,
3777393.4,   973.1,   973.1,   0.0);
     (556589.4, 3777393.4,   973.3,   973.3,   0.0);   (556609.4,
3777393.4,   973.3,   973.3,   0.0);
     (556629.4, 3777393.4,   973.4,   973.4,   0.0);   (556649.4,
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     (556709.4, 3777393.4,   973.3,   973.3,   0.0);   (556729.4,
3777393.4,   973.3,   973.3,   0.0);
     (556749.4, 3777393.4,   973.5,   973.5,   0.0);   (556769.4,
3777393.4,   973.3,   973.3,   0.0);
     (556789.4, 3777393.4,   972.9,   972.9,   0.0);   (556809.4,
3777393.4,   972.8,   972.8,   0.0);

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

     (556829.4, 3777393.4,   972.6,   972.6,   0.0);   (556849.4,
3777393.4,   972.0,   972.0,   0.0);
     (556869.4, 3777393.4,   971.7,   971.7,   0.0);   (556889.4,
3777393.4,   971.7,   971.7,   0.0);
     (556909.4, 3777393.4,   971.2,   971.2,   0.0);   (556929.4,
3777393.4,   971.0,   971.0,   0.0);
     (556949.4, 3777393.4,   970.4,   970.4,   0.0);   (556969.4,
3777393.4,   970.3,   970.3,   0.0);
     (556989.4, 3777393.4,   970.2,   970.2,   0.0);   (557009.4,
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     (557029.4, 3777393.4,   969.7,   969.7,   0.0);   (557049.4,
3777393.4,   969.4,   969.4,   0.0);
     (557069.4, 3777393.4,   969.0,   969.0,   0.0);   (557089.4,
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     (557109.4, 3777393.4,   968.2,   968.2,   0.0);   (557129.4,
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     (557149.4, 3777393.4,   967.2,   967.2,   0.0);   (557169.4,
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     ( 557229.4, 3777393.4,     966.2,     966.2,       0.0);         ( 557249.4,
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     ( 557269.4, 3777393.4,     965.5,     965.5,       0.0);         ( 557289.4,
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     ( 557309.4, 3777393.4,     964.4,     964.4,       0.0);         ( 557329.4,
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     ( 557349.4, 3777393.4,     964.2,     964.2,       0.0);         ( 557369.4,
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     ( 557389.4, 3777393.4,     963.9,     963.9,       0.0);         ( 557409.4,
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     ( 557429.4, 3777393.4,     963.0,     963.0,       0.0);         ( 557449.4,
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3777413.4,     973.0,     973.0,       0.0);
     ( 556549.4, 3777413.4,     973.0,     973.0,       0.0);         ( 556569.4,
3777413.4,     973.1,     973.1,       0.0);
     ( 556589.4, 3777413.4,     973.1,     973.1,       0.0);         ( 556609.4,
3777413.4,     973.1,     973.1,       0.0);
     ( 556629.4, 3777413.4,     973.1,     973.1,       0.0);         ( 556649.4,
3777413.4,     972.8,     972.8,       0.0);
     ( 556669.4, 3777413.4,     972.8,     972.8,       0.0);         ( 556689.4,
3777413.4,     972.8,     972.8,       0.0);
     ( 556709.4, 3777413.4,     973.0,     973.0,       0.0);         ( 556729.4,
3777413.4,     973.0,     973.0,       0.0);
     ( 556749.4, 3777413.4,     972.8,     972.8,       0.0);         ( 556769.4,
3777413.4,     973.0,     973.0,       0.0);
     ( 556789.4, 3777413.4,     972.6,     972.6,       0.0);         ( 556809.4,
3777413.4,     972.5,     972.5,       0.0);
     ( 556829.4, 3777413.4,     972.1,     972.1,       0.0);         ( 556849.4,
3777413.4,     971.6,     971.6,       0.0);
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3777413.4,     968.3,     968.3,       0.0);
     ( 557109.4, 3777413.4,     968.1,     968.1,       0.0);         ( 557129.4,
3777413.4,     967.2,     967.2,       0.0);
     ( 557149.4, 3777413.4,     967.1,     967.1,       0.0);         ( 557169.4,
3777413.4,     966.4,     966.4,       0.0);
```

(557189.4, 3777413.4, 966.1, 966.1, 0.0); (557209.4, 3777413.4, 966.0, 966.0, 0.0);
(557229.4, 3777413.4, 965.6, 965.6, 0.0); (557249.4, 3777413.4, 965.3, 965.3, 0.0);
(557269.4, 3777413.4, 965.1, 965.1, 0.0); (557289.4, 3777413.4, 964.8, 964.8, 0.0);
(557309.4, 3777413.4, 964.5, 964.5, 0.0); (557329.4, 3777413.4, 964.0, 964.0, 0.0);
(557349.4, 3777413.4, 964.0, 964.0, 0.0); (557369.4, 3777413.4, 963.5, 963.5, 0.0);
(557389.4, 3777413.4, 963.4, 963.4, 0.0); (557409.4, 3777413.4, 963.3, 963.3, 0.0);
(557429.4, 3777413.4, 962.5, 962.5, 0.0); (557449.4, 3777413.4, 962.2, 962.2, 0.0);
(557469.4, 3777413.4, 962.1, 962.1, 0.0); (557489.4, 3777413.4, 961.3, 961.3, 0.0);
(556509.4, 3777433.4, 972.6, 972.6, 0.0); (556529.4, 3777433.4, 972.6, 972.6, 0.0);
(556549.4, 3777433.4, 972.5, 972.5, 0.0); (556569.4, 3777433.4, 972.5, 972.5, 0.0);
(556589.4, 3777433.4, 972.7, 972.7, 0.0); (556609.4, 3777433.4, 972.8, 972.8, 0.0);

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

(556629.4, 3777433.4, 972.8, 972.8, 0.0); (556649.4, 3777433.4, 972.7, 972.7, 0.0);
(556669.4, 3777433.4, 972.6, 972.6, 0.0); (556689.4, 3777433.4, 972.8, 972.8, 0.0);
(556709.4, 3777433.4, 972.8, 972.8, 0.0); (556729.4, 3777433.4, 972.9, 972.9, 0.0);
(556749.4, 3777433.4, 972.6, 972.6, 0.0); (556769.4, 3777433.4, 972.8, 972.8, 0.0);
(556789.4, 3777433.4, 972.4, 972.4, 0.0); (556809.4, 3777433.4, 972.0, 972.0, 0.0);
(556829.4, 3777433.4, 971.6, 971.6, 0.0); (556849.4, 3777433.4, 971.0, 971.0, 0.0);
(556869.4, 3777433.4, 970.9, 970.9, 0.0); (556889.4, 3777433.4, 970.7, 970.7, 0.0);
(556909.4, 3777433.4, 970.5, 970.5, 0.0); (556929.4,

3777433.4,   970.2,   970.2,   0.0);
     (556949.4, 3777433.4,   969.9,   969.9,   0.0);   (556969.4,
3777433.4,   969.3,   969.3,   0.0);
     (556989.4, 3777433.4,   968.9,   968.9,   0.0);   (557009.4,
3777433.4,   969.1,   969.1,   0.0);
     (557029.4, 3777433.4,   968.9,   968.9,   0.0);   (557049.4,
3777433.4,   968.8,   968.8,   0.0);
     (557069.4, 3777433.4,   968.4,   968.4,   0.0);   (557089.4,
3777433.4,   968.0,   968.0,   0.0);
     (557109.4, 3777433.4,   967.8,   967.8,   0.0);   (557129.4,
3777433.4,   967.1,   967.1,   0.0);
     (557149.4, 3777433.4,   966.8,   966.8,   0.0);   (557169.4,
3777433.4,   966.1,   966.1,   0.0);
     (557189.4, 3777433.4,   965.8,   965.8,   0.0);   (557209.4,
3777433.4,   965.6,   965.6,   0.0);
     (557229.4, 3777433.4,   965.0,   965.0,   0.0);   (557249.4,
3777433.4,   965.0,   965.0,   0.0);
     (557269.4, 3777433.4,   964.7,   964.7,   0.0);   (557289.4,
3777433.4,   964.2,   964.2,   0.0);
     (557309.4, 3777433.4,   964.3,   964.3,   0.0);   (557329.4,
3777433.4,   963.7,   963.7,   0.0);
     (557349.4, 3777433.4,   962.9,   962.9,   0.0);   (557369.4,
3777433.4,   962.7,   962.7,   0.0);
     (557389.4, 3777433.4,   963.2,   963.2,   0.0);   (557409.4,
3777433.4,   963.2,   963.2,   0.0);
     (557429.4, 3777433.4,   962.2,   962.2,   0.0);   (557449.4,
3777433.4,   961.9,   961.9,   0.0);
     (557469.4, 3777433.4,   961.5,   961.5,   0.0);   (557489.4,
3777433.4,   961.1,   961.1,   0.0);
     (556509.4, 3777453.4,   972.2,   972.2,   0.0);   (556529.4,
3777453.4,   972.2,   972.2,   0.0);
     (556549.4, 3777453.4,   972.3,   972.3,   0.0);   (556569.4,
3777453.4,   972.2,   972.2,   0.0);
     (556589.4, 3777453.4,   972.3,   972.3,   0.0);   (556609.4,
3777453.4,   972.3,   972.3,   0.0);
     (556629.4, 3777453.4,   972.5,   972.5,   0.0);   (556649.4,
3777453.4,   972.5,   972.5,   0.0);
     (556669.4, 3777453.4,   972.4,   972.4,   0.0);   (556689.4,
3777453.4,   972.4,   972.4,   0.0);
     (556709.4, 3777453.4,   972.4,   972.4,   0.0);   (556729.4,
3777453.4,   972.6,   972.6,   0.0);
     (556749.4, 3777453.4,   972.6,   972.6,   0.0);   (556769.4,
3777453.4,   972.4,   972.4,   0.0);
     (556789.4, 3777453.4,   972.0,   972.0,   0.0);   (556809.4,
3777453.4,   971.6,   971.6,   0.0);
     (556829.4, 3777453.4,   971.4,   971.4,   0.0);   (556849.4,
3777453.4,   970.9,   970.9,   0.0);
     (556869.4, 3777453.4,   970.8,   970.8,   0.0);   (556889.4,
3777453.4,   970.2,   970.2,   0.0);
     (556909.4, 3777453.4,   970.1,   970.1,   0.0);   (556929.4,

3777453.4,   969.5,   969.5,   0.0);
     (556949.4, 3777453.4,   969.3,   969.3,   0.0);   (556969.4,
3777453.4,   968.9,   968.9,   0.0);
     (556989.4, 3777453.4,   968.5,   968.5,   0.0);   (557009.4,
3777453.4,   968.1,   968.1,   0.0);
     (557029.4, 3777453.4,   968.0,   968.0,   0.0);   (557049.4,
3777453.4,   967.9,   967.9,   0.0);
     (557069.4, 3777453.4,   967.9,   967.9,   0.0);   (557089.4,
3777453.4,   967.7,   967.7,   0.0);
     (557109.4, 3777453.4,   967.5,   967.5,   0.0);   (557129.4,
3777453.4,   967.0,   967.0,   0.0);
     (557149.4, 3777453.4,   966.7,   966.7,   0.0);   (557169.4,
3777453.4,   965.8,   965.8,   0.0);
     (557189.4, 3777453.4,   965.4,   965.4,   0.0);   (557209.4,
3777453.4,   965.3,   965.3,   0.0);
     (557229.4, 3777453.4,   964.7,   964.7,   0.0);   (557249.4,
3777453.4,   964.7,   964.7,   0.0);
     (557269.4, 3777453.4,   964.3,   964.3,   0.0);   (557289.4,
3777453.4,   963.9,   963.9,   0.0);
     (557309.4, 3777453.4,   963.8,   963.8,   0.0);   (557329.4,
3777453.4,   963.5,   963.5,   0.0);
     (557349.4, 3777453.4,   963.2,   963.2,   0.0);   (557369.4,
3777453.4,   962.4,   962.4,   0.0);
     (557389.4, 3777453.4,   962.3,   962.9,   0.0);   (557409.4,
3777453.4,   962.6,   962.6,   0.0);

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

     (557429.4, 3777453.4,   962.3,   962.3,   0.0);   (557449.4,
3777453.4,   961.9,   961.9,   0.0);
     (557469.4, 3777453.4,   961.4,   961.4,   0.0);   (557489.4,
3777453.4,   960.7,   960.7,   0.0);
     (556509.4, 3777473.4,   971.8,   971.8,   0.0);   (556529.4,
3777473.4,   971.6,   971.6,   0.0);
     (556549.4, 3777473.4,   971.6,   971.6,   0.0);   (556569.4,
3777473.4,   971.9,   971.9,   0.0);
     (556589.4, 3777473.4,   971.8,   971.8,   0.0);   (556609.4,
3777473.4,   971.8,   971.8,   0.0);
     (556629.4, 3777473.4,   971.9,   971.9,   0.0);   (556649.4,
3777473.4,   972.0,   972.0,   0.0);

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     ( 556669.4, 3777473.4,     972.0,     972.0,       0.0);         ( 556689.4,
3777473.4,     971.9,     971.9,       0.0);
     ( 556709.4, 3777473.4,     972.0,     972.0,       0.0);         ( 556729.4,
3777473.4,     972.3,     972.3,       0.0);
     ( 556749.4, 3777473.4,     972.1,     972.1,       0.0);         ( 556769.4,
3777473.4,     972.0,     972.0,       0.0);
     ( 556789.4, 3777473.4,     971.5,     971.5,       0.0);         ( 556809.4,
3777473.4,     971.2,     971.2,       0.0);
     ( 556829.4, 3777473.4,     970.9,     970.9,       0.0);         ( 556849.4,
3777473.4,     970.7,     970.7,       0.0);
     ( 556869.4, 3777473.4,     970.5,     970.5,       0.0);         ( 556889.4,
3777473.4,     969.8,     969.8,       0.0);
     ( 556909.4, 3777473.4,     969.7,     969.7,       0.0);         ( 556929.4,
3777473.4,     969.4,     969.4,       0.0);
     ( 556949.4, 3777473.4,     969.1,     969.1,       0.0);         ( 556969.4,
3777473.4,     968.7,     968.7,       0.0);
     ( 556989.4, 3777473.4,     968.3,     968.3,       0.0);         ( 557009.4,
3777473.4,     968.0,     968.0,       0.0);
     ( 557029.4, 3777473.4,     967.8,     967.8,       0.0);         ( 557049.4,
3777473.4,     967.5,     967.5,       0.0);
     ( 557069.4, 3777473.4,     967.6,     967.6,       0.0);         ( 557089.4,
3777473.4,     967.3,     967.3,       0.0);
     ( 557109.4, 3777473.4,     967.2,     967.2,       0.0);         ( 557129.4,
3777473.4,     966.6,     966.6,       0.0);
     ( 557149.4, 3777473.4,     966.5,     966.5,       0.0);         ( 557169.4,
3777473.4,     965.6,     965.6,       0.0);
     ( 557189.4, 3777473.4,     965.2,     965.2,       0.0);         ( 557209.4,
3777473.4,     964.9,     964.9,       0.0);
     ( 557229.4, 3777473.4,     964.4,     964.4,       0.0);         ( 557249.4,
3777473.4,     964.4,     964.4,       0.0);
     ( 557269.4, 3777473.4,     963.9,     963.9,       0.0);         ( 557289.4,
3777473.4,     963.5,     963.5,       0.0);
     ( 557309.4, 3777473.4,     963.4,     963.4,       0.0);         ( 557329.4,
3777473.4,     963.2,     963.2,       0.0);
     ( 557349.4, 3777473.4,     962.9,     962.9,       0.0);         ( 557369.4,
3777473.4,     962.6,     962.6,       0.0);
     ( 557389.4, 3777473.4,     962.1,     962.1,       0.0);         ( 557409.4,
3777473.4,     962.1,     962.1,       0.0);
     ( 557429.4, 3777473.4,     961.6,     961.6,       0.0);         ( 557449.4,
3777473.4,     961.8,     961.8,       0.0);
     ( 557469.4, 3777473.4,     961.3,     961.3,       0.0);         ( 557489.4,
3777473.4,     960.7,     960.7,       0.0);
     ( 556509.4, 3777493.4,     971.4,     971.4,       0.0);         ( 556529.4,
3777493.4,     971.5,     971.5,       0.0);
     ( 556549.4, 3777493.4,     971.5,     971.5,       0.0);         ( 556569.4,
3777493.4,     971.1,     971.1,       0.0);
     ( 556589.4, 3777493.4,     971.1,     971.1,       0.0);         ( 556609.4,
3777493.4,     971.3,     971.3,       0.0);
     ( 556629.4, 3777493.4,     971.2,     971.2,       0.0);         ( 556649.4,
3777493.4,     971.3,     971.3,       0.0);
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     ( 556669.4, 3777493.4,     971.6,     971.6,       0.0);         ( 556689.4,
3777493.4,     971.6,     971.6,       0.0);
     ( 556709.4, 3777493.4,     971.7,     971.7,       0.0);         ( 556729.4,
3777493.4,     972.1,     972.1,       0.0);
     ( 556749.4, 3777493.4,     971.7,     971.7,       0.0);         ( 556769.4,
3777493.4,     971.6,     971.6,       0.0);
     ( 556789.4, 3777493.4,     971.1,     971.1,       0.0);         ( 556809.4,
3777493.4,     970.6,     970.6,       0.0);
     ( 556829.4, 3777493.4,     970.5,     970.5,       0.0);         ( 556849.4,
3777493.4,     970.2,     970.2,       0.0);
     ( 556869.4, 3777493.4,     970.1,     970.1,       0.0);         ( 556889.4,
3777493.4,     969.6,     969.6,       0.0);
     ( 556909.4, 3777493.4,     969.4,     969.4,       0.0);         ( 556929.4,
3777493.4,     969.0,     969.0,       0.0);
     ( 556949.4, 3777493.4,     968.7,     968.7,       0.0);         ( 556969.4,
3777493.4,     968.2,     968.2,       0.0);
     ( 556989.4, 3777493.4,     968.0,     968.0,       0.0);         ( 557009.4,
3777493.4,     967.9,     967.9,       0.0);
     ( 557029.4, 3777493.4,     967.5,     967.5,       0.0);         ( 557049.4,
3777493.4,     967.2,     967.2,       0.0);
     ( 557069.4, 3777493.4,     967.1,     967.1,       0.0);         ( 557089.4,
3777493.4,     966.8,     966.8,       0.0);
     ( 557109.4, 3777493.4,     966.9,     966.9,       0.0);         ( 557129.4,
3777493.4,     966.5,     966.5,       0.0);
     ( 557149.4, 3777493.4,     966.2,     966.2,       0.0);         ( 557169.4,
3777493.4,     965.6,     965.6,       0.0);
     ( 557189.4, 3777493.4,     964.9,     964.9,       0.0);         ( 557209.4,
3777493.4,     964.7,     964.7,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 557229.4, 3777493.4,     964.1,     964.1,       0.0);         ( 557249.4,
3777493.4,     963.8,     963.8,       0.0);
     ( 557269.4, 3777493.4,     963.5,     963.5,       0.0);         ( 557289.4,
3777493.4,     963.2,     963.2,       0.0);
     ( 557309.4, 3777493.4,     962.8,     962.8,       0.0);         ( 557329.4,
3777493.4,     962.6,     962.6,       0.0);
     ( 557349.4, 3777493.4,     962.4,     962.4,       0.0);         ( 557369.4,
3777493.4,     962.2,     962.2,       0.0);
     ( 557389.4, 3777493.4,     962.1,     962.1,       0.0);         ( 557409.4,
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3777493.4,   961.9,   961.9,   0.0);
     (557429.4, 3777493.4,   961.0,   961.0,   0.0);   (557449.4,
3777493.4,   960.9,   961.3,   0.0);
     (557469.4, 3777493.4,   961.0,   961.0,   0.0);   (557489.4,
3777493.4,   960.6,   960.6,   0.0);
     (556509.4, 3777513.4,   971.0,   971.0,   0.0);   (556529.4,
3777513.4,   971.0,   971.0,   0.0);
     (556549.4, 3777513.4,   970.8,   970.8,   0.0);   (556569.4,
3777513.4,   971.2,   971.2,   0.0);
     (556589.4, 3777513.4,   971.1,   971.1,   0.0);   (556609.4,
3777513.4,   970.9,   970.9,   0.0);
     (556629.4, 3777513.4,   971.2,   971.2,   0.0);   (556649.4,
3777513.4,   971.3,   971.3,   0.0);
     (556669.4, 3777513.4,   971.4,   971.4,   0.0);   (556689.4,
3777513.4,   971.2,   971.2,   0.0);
     (556709.4, 3777513.4,   971.4,   971.4,   0.0);   (556729.4,
3777513.4,   971.9,   971.9,   0.0);
     (556749.4, 3777513.4,   971.5,   971.5,   0.0);   (556769.4,
3777513.4,   971.5,   971.5,   0.0);
     (556789.4, 3777513.4,   971.0,   971.0,   0.0);   (556809.4,
3777513.4,   970.2,   970.2,   0.0);
     (556829.4, 3777513.4,   970.0,   970.0,   0.0);   (556849.4,
3777513.4,   969.6,   969.6,   0.0);
     (556869.4, 3777513.4,   969.5,   969.5,   0.0);   (556889.4,
3777513.4,   969.3,   969.3,   0.0);
     (556909.4, 3777513.4,   968.8,   968.8,   0.0);   (556929.4,
3777513.4,   968.6,   968.6,   0.0);
     (556949.4, 3777513.4,   968.4,   968.4,   0.0);   (556969.4,
3777513.4,   967.9,   967.9,   0.0);
     (556989.4, 3777513.4,   967.6,   967.6,   0.0);   (557009.4,
3777513.4,   967.5,   967.5,   0.0);
     (557029.4, 3777513.4,   967.1,   967.1,   0.0);   (557049.4,
3777513.4,   967.0,   967.0,   0.0);
     (557069.4, 3777513.4,   966.6,   966.6,   0.0);   (557089.4,
3777513.4,   966.4,   966.4,   0.0);
     (557109.4, 3777513.4,   966.3,   966.3,   0.0);   (557129.4,
3777513.4,   966.1,   966.1,   0.0);
     (557149.4, 3777513.4,   966.0,   966.0,   0.0);   (557169.4,
3777513.4,   965.5,   965.5,   0.0);
     (557189.4, 3777513.4,   964.8,   964.8,   0.0);   (557209.4,
3777513.4,   964.6,   964.6,   0.0);
     (557229.4, 3777513.4,   963.9,   963.9,   0.0);   (557249.4,
3777513.4,   963.7,   963.7,   0.0);
     (557269.4, 3777513.4,   963.3,   963.3,   0.0);   (557289.4,
3777513.4,   962.8,   962.8,   0.0);
     (557309.4, 3777513.4,   962.6,   962.6,   0.0);   (557329.4,
3777513.4,   962.4,   962.4,   0.0);
     (557349.4, 3777513.4,   962.1,   962.1,   0.0);   (557369.4,
3777513.4,   961.7,   961.7,   0.0);
     (557389.4, 3777513.4,   961.6,   961.6,   0.0);   (557409.4,

3777513.4,   961.5,   961.5,   0.0);
     (557429.4, 3777513.4,   961.0,   961.0,   0.0);   (557449.4,
3777513.4,   960.6,   960.6,   0.0);
     (557469.4, 3777513.4,   960.4,   960.4,   0.0);   (557489.4,
3777513.4,   960.2,   960.2,   0.0);
     (556509.4, 3777533.4,   970.5,   970.5,   0.0);   (556529.4,
3777533.4,   970.6,   970.6,   0.0);
     (556549.4, 3777533.4,   970.5,   970.5,   0.0);   (556569.4,
3777533.4,   970.5,   970.5,   0.0);
     (556589.4, 3777533.4,   970.4,   970.4,   0.0);   (556609.4,
3777533.4,   970.5,   970.5,   0.0);
     (556629.4, 3777533.4,   970.6,   970.6,   0.0);   (556649.4,
3777533.4,   970.7,   970.7,   0.0);
     (556669.4, 3777533.4,   970.6,   970.6,   0.0);   (556689.4,
3777533.4,   970.7,   970.7,   0.0);
     (556709.4, 3777533.4,   971.2,   971.2,   0.0);   (556729.4,
3777533.4,   971.5,   971.5,   0.0);
     (556749.4, 3777533.4,   971.3,   971.3,   0.0);   (556769.4,
3777533.4,   971.0,   971.0,   0.0);
     (556789.4, 3777533.4,   970.8,   970.8,   0.0);   (556809.4,
3777533.4,   969.9,   969.9,   0.0);
     (556829.4, 3777533.4,   969.8,   969.8,   0.0);   (556849.4,
3777533.4,   969.2,   969.2,   0.0);
     (556869.4, 3777533.4,   969.0,   969.0,   0.0);   (556889.4,
3777533.4,   968.8,   968.8,   0.0);
     (556909.4, 3777533.4,   968.5,   968.5,   0.0);   (556929.4,
3777533.4,   968.2,   968.2,   0.0);
     (556949.4, 3777533.4,   967.9,   967.9,   0.0);   (556969.4,
3777533.4,   967.4,   967.4,   0.0);
     (556989.4, 3777533.4,   967.1,   967.1,   0.0);   (557009.4,
3777533.4,   966.9,   966.9,   0.0);

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

     (557029.4, 3777533.4,   966.7,   966.7,   0.0);   (557049.4,
3777533.4,   966.5,   966.5,   0.0);
     (557069.4, 3777533.4,   966.3,   966.3,   0.0);   (557089.4,
3777533.4,   966.0,   966.0,   0.0);
     (557109.4, 3777533.4,   965.9,   965.9,   0.0);   (557129.4,
3777533.4,   965.9,   965.9,   0.0);

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     ( 557149.4, 3777533.4,     965.9,     965.9,       0.0);         ( 557169.4,
3777533.4,     965.3,     965.3,       0.0);
     ( 557189.4, 3777533.4,     964.7,     964.7,       0.0);         ( 557209.4,
3777533.4,     964.6,     964.6,       0.0);
     ( 557229.4, 3777533.4,     963.6,     963.6,       0.0);         ( 557249.4,
3777533.4,     963.5,     963.5,       0.0);
     ( 557269.4, 3777533.4,     962.9,     962.9,       0.0);         ( 557289.4,
3777533.4,     962.6,     962.6,       0.0);
     ( 557309.4, 3777533.4,     962.3,     962.3,       0.0);         ( 557329.4,
3777533.4,     962.0,     962.0,       0.0);
     ( 557349.4, 3777533.4,     961.8,     961.8,       0.0);         ( 557369.4,
3777533.4,     961.4,     961.4,       0.0);
     ( 557389.4, 3777533.4,     960.9,     960.9,       0.0);         ( 557409.4,
3777533.4,     960.9,     960.9,       0.0);
     ( 557429.4, 3777533.4,     960.6,     960.6,       0.0);         ( 557449.4,
3777533.4,     960.5,     960.5,       0.0);
     ( 557469.4, 3777533.4,     959.9,     959.9,       0.0);         ( 557489.4,
3777533.4,     959.5,     959.5,       0.0);
     ( 556509.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556529.4,
3777553.4,     970.2,     970.2,       0.0);
     ( 556549.4, 3777553.4,     970.0,     970.0,       0.0);         ( 556569.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556589.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556609.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556629.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556649.4,
3777553.4,     970.3,     970.3,       0.0);
     ( 556669.4, 3777553.4,     970.0,     970.0,       0.0);         ( 556689.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556709.4, 3777553.4,     970.7,     970.7,       0.0);         ( 556729.4,
3777553.4,     971.0,     971.0,       0.0);
     ( 556749.4, 3777553.4,     970.5,     970.5,       0.0);         ( 556769.4,
3777553.4,     970.3,     970.3,       0.0);
     ( 556789.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556809.4,
3777553.4,     969.6,     969.6,       0.0);
     ( 556829.4, 3777553.4,     969.3,     969.3,       0.0);         ( 556849.4,
3777553.4,     968.8,     968.8,       0.0);
     ( 556869.4, 3777553.4,     968.5,     968.5,       0.0);         ( 556889.4,
3777553.4,     968.4,     968.4,       0.0);
     ( 556909.4, 3777553.4,     968.2,     968.2,       0.0);         ( 556929.4,
3777553.4,     968.1,     968.1,       0.0);
     ( 556949.4, 3777553.4,     967.3,     967.3,       0.0);         ( 556969.4,
3777553.4,     966.9,     966.9,       0.0);
     ( 556989.4, 3777553.4,     966.4,     966.4,       0.0);         ( 557009.4,
3777553.4,     966.2,     966.2,       0.0);
     ( 557029.4, 3777553.4,     965.9,     965.9,       0.0);         ( 557049.4,
3777553.4,     965.8,     965.8,       0.0);
     ( 557069.4, 3777553.4,     965.7,     965.7,       0.0);         ( 557089.4,
3777553.4,     965.5,     965.5,       0.0);
     ( 557109.4, 3777553.4,     965.2,     965.2,       0.0);         ( 557129.4,
3777553.4,     965.2,     965.2,       0.0);
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     ( 557149.4, 3777553.4,     965.2,     965.2,       0.0);         ( 557169.4,
3777553.4,     964.9,     964.9,       0.0);
     ( 557189.4, 3777553.4,     964.5,     964.5,       0.0);         ( 557209.4,
3777553.4,     964.1,     964.1,       0.0);
     ( 557229.4, 3777553.4,     963.5,     963.5,       0.0);         ( 557249.4,
3777553.4,     962.9,     962.9,       0.0);
     ( 557269.4, 3777553.4,     962.5,     962.5,       0.0);         ( 557289.4,
3777553.4,     962.2,     962.2,       0.0);
     ( 557309.4, 3777553.4,     961.9,     961.9,       0.0);         ( 557329.4,
3777553.4,     961.6,     961.6,       0.0);
     ( 557349.4, 3777553.4,     961.4,     961.4,       0.0);         ( 557369.4,
3777553.4,     961.2,     961.2,       0.0);
     ( 557389.4, 3777553.4,     960.6,     960.6,       0.0);         ( 557409.4,
3777553.4,     960.5,     960.5,       0.0);
     ( 557429.4, 3777553.4,     960.2,     960.2,       0.0);         ( 557449.4,
3777553.4,     960.0,     960.0,       0.0);
     ( 557469.4, 3777553.4,     959.7,     959.7,       0.0);         ( 557489.4,
3777553.4,     959.0,     959.0,       0.0);
     ( 557438.9, 3777336.7,     963.4,     963.4,       0.0);         ( 556615.9,
3777137.0,     979.2,     979.2,       0.0);
     ( 556586.4, 3777056.2,     980.5,     981.8,       0.0);         ( 556672.4,
3776929.1,     979.7,     985.3,       0.0);
     ( 556692.4, 3776929.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776929.1,     979.8,     979.8,       0.0);
     ( 556732.4, 3776929.1,     979.7,     979.7,       0.0);         ( 556752.4,
3776929.1,     979.1,     979.1,       0.0);
     ( 556772.4, 3776929.1,     979.3,     979.3,       0.0);         ( 556792.4,
3776929.1,     979.5,     979.5,       0.0);
     ( 556812.4, 3776929.1,     979.1,     979.1,       0.0);         ( 556832.4,
3776929.1,     979.6,     979.6,       0.0);
     ( 556852.4, 3776929.1,     979.6,     979.6,       0.0);         ( 556672.4,
3776949.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776949.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776949.1,     980.0,     980.0,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:55:36

                                PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 556732.4, 3776949.1,     980.0,     980.0,       0.0);         ( 556752.4,
3776949.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776949.1,     979.7,     979.7,       0.0);         ( 556792.4,
```

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3776949.1,     979.3,     979.3,       0.0);
     ( 556812.4, 3776949.1,     979.1,     979.1,       0.0);         ( 556832.4,
3776949.1,     979.7,     979.7,       0.0);
     ( 556852.4, 3776949.1,     979.7,     979.7,       0.0);         ( 556672.4,
3776969.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776969.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776969.1,     980.0,     980.0,       0.0);
     ( 556732.4, 3776969.1,     979.9,     979.9,       0.0);         ( 556752.4,
3776969.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776969.1,     979.8,     979.8,       0.0);         ( 556792.4,
3776969.1,     979.4,     979.4,       0.0);
     ( 556812.4, 3776969.1,     979.3,     979.3,       0.0);         ( 556832.4,
3776969.1,     979.6,     979.6,       0.0);
     ( 556852.4, 3776969.1,     979.8,     979.8,       0.0);         ( 556672.4,
3776989.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776989.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776989.1,     980.0,     980.0,       0.0);
     ( 556732.4, 3776989.1,     980.0,     980.0,       0.0);         ( 556752.4,
3776989.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776989.1,     979.9,     979.9,       0.0);         ( 556792.4,
3776989.1,     979.5,     979.5,       0.0);
     ( 556812.4, 3776989.1,     979.5,     979.5,       0.0);         ( 556832.4,
3776989.1,     979.7,     979.7,       0.0);
     ( 556852.4, 3776989.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556692.4, 3777009.1,     980.0,     980.0,       0.0);         ( 556712.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556732.4, 3777009.1,     980.0,     980.0,       0.0);         ( 556752.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777009.1,     979.9,     979.9,       0.0);         ( 556792.4,
3777009.1,     979.6,     979.6,       0.0);
     ( 556812.4, 3777009.1,     979.7,     979.7,       0.0);         ( 556832.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777009.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556692.4, 3777029.1,     980.0,     980.0,       0.0);         ( 556712.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556732.4, 3777029.1,     980.0,     980.0,       0.0);         ( 556752.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777029.1,     979.9,     979.9,       0.0);         ( 556792.4,
3777029.1,     979.8,     979.8,       0.0);
     ( 556812.4, 3777029.1,     979.9,     979.9,       0.0);         ( 556832.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777029.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777049.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556712.4,
3777049.1,     979.8,     979.8,       0.0);
     ( 556732.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556752.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777049.1,     979.8,     979.8,       0.0);         ( 556792.4,
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3777049.1,   979.9,   979.9,   0.0);
     (556812.4, 3777049.1,   979.9,   979.9,   0.0);   (556832.4,
3777049.1,   979.9,   979.9,   0.0);
     (556852.4, 3777049.1,   979.7,   979.7,   0.0);   (556927.5,
3776959.5,   976.9,   976.9,   0.0);
     (556947.5, 3776959.5,   976.7,   976.7,   0.0);   (556967.5,
3776959.5,   977.3,   977.3,   0.0);
     (556987.5, 3776959.5,   977.4,   977.4,   0.0);   (557007.5,
3776959.5,   977.5,   977.5,   0.0);
     (557027.5, 3776959.5,   977.5,   977.5,   0.0);   (557047.5,
3776959.5,   977.5,   977.5,   0.0);
     (557067.5, 3776959.5,   977.5,   977.5,   0.0);   (557087.5,
3776959.5,   977.5,   977.5,   0.0);
     (556927.5, 3776979.5,   977.1,   977.1,   0.0);   (556947.5,
3776979.5,   977.0,   977.0,   0.0);
     (556967.5, 3776979.5,   977.3,   977.3,   0.0);   (556987.5,
3776979.5,   977.4,   977.4,   0.0);
     (557007.5, 3776979.5,   977.6,   977.6,   0.0);   (557027.5,
3776979.5,   977.6,   977.6,   0.0);
     (557047.5, 3776979.5,   977.5,   977.5,   0.0);   (557067.5,
3776979.5,   977.6,   977.6,   0.0);
     (557087.5, 3776979.5,   977.5,   977.5,   0.0);   (556927.5,
3776999.5,   977.1,   977.1,   0.0);
     (556947.5, 3776999.5,   977.3,   977.3,   0.0);   (556967.5,
3776999.5,   977.4,   977.4,   0.0);
     (556987.5, 3776999.5,   977.5,   977.5,   0.0);   (557007.5,
3776999.5,   977.6,   977.6,   0.0);
     (557027.5, 3776999.5,   977.6,   977.6,   0.0);   (557047.5,
3776999.5,   977.5,   977.5,   0.0);
     (557067.5, 3776999.5,   977.5,   977.5,   0.0);   (557087.5,
3776999.5,   977.5,   977.5,   0.0);
     (556927.5, 3777019.5,   977.1,   977.1,   0.0);   (556947.5,
3777019.5,   977.3,   977.3,   0.0);
     (556967.5, 3777019.5,   977.4,   977.4,   0.0);   (556987.5,
3777019.5,   977.5,   977.5,   0.0);
     (557007.5, 3777019.5,   977.6,   977.6,   0.0);   (557027.5,
3777019.5,   977.6,   977.6,   0.0);

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

```
     ( 557047.5, 3777019.5,     977.5,     977.5,       0.0);         ( 557067.5,
3777019.5,     977.5,     977.5,       0.0);
     ( 557087.5, 3777019.5,     977.5,     977.5,       0.0);         ( 556927.5,
3777039.5,     977.1,     977.1,       0.0);
     ( 556947.5, 3777039.5,     977.3,     977.3,       0.0);         ( 556967.5,
3777039.5,     977.5,     977.5,       0.0);
     ( 556987.5, 3777039.5,     977.6,     977.6,       0.0);         ( 557007.5,
3777039.5,     977.5,     977.5,       0.0);
     ( 557027.5, 3777039.5,     977.5,     977.5,       0.0);         ( 557047.5,
3777039.5,     977.6,     977.6,       0.0);
     ( 557067.5, 3777039.5,     977.5,     977.5,       0.0);         ( 557087.5,
3777039.5,     977.5,     977.5,       0.0);
     ( 557047.5, 3777059.5,     977.3,     977.3,       0.0);         ( 557067.5,
3777059.5,     977.3,     977.3,       0.0);
     ( 557087.5, 3777059.5,     977.2,     977.2,       0.0);         ( 556919.0,
3777174.9,     975.1,     975.1,       0.0);
     ( 556939.0, 3777174.9,     975.1,     975.1,       0.0);         ( 556919.0,
3777194.9,     975.1,     975.1,       0.0);
     ( 556939.0, 3777194.9,     975.0,     975.0,       0.0);         ( 556919.0,
3777214.9,     974.1,     974.8,       0.0);
     ( 556939.0, 3777214.9,     974.8,     974.8,       0.0);         ( 556919.0,
3777234.9,     974.2,     974.2,       0.0);
     ( 556939.0, 3777234.9,     974.6,     974.6,       0.0);         ( 556919.0,
3777254.9,     974.0,     974.6,       0.0);
     ( 556939.0, 3777254.9,     974.3,     974.3,       0.0);         ( 557023.6,
3777171.6,     975.2,     975.2,       0.0);
     ( 557043.6, 3777171.6,     975.3,     975.3,       0.0);         ( 557063.6,
3777171.6,     975.1,     975.1,       0.0);
     ( 557083.6, 3777171.6,     975.1,     975.1,       0.0);         ( 557023.6,
3777191.6,     975.3,     975.3,       0.0);
     ( 557043.6, 3777191.6,     975.0,     975.0,       0.0);         ( 557063.6,
3777191.6,     974.4,     974.4,       0.0);
     ( 557083.6, 3777191.6,     974.3,     974.3,       0.0);         ( 557023.6,
3777211.6,     975.3,     975.3,       0.0);
     ( 557043.6, 3777211.6,     975.1,     975.1,       0.0);         ( 557063.6,
3777211.6,     974.8,     974.8,       0.0);
     ( 557083.6, 3777211.6,     973.3,     975.0,       0.0);         ( 557023.6,
3777231.6,     975.2,     975.2,       0.0);
     ( 557043.6, 3777231.6,     975.2,     975.2,       0.0);         ( 557063.6,
3777231.6,     975.0,     975.0,       0.0);
     ( 557083.6, 3777231.6,     972.3,     975.3,       0.0);         ( 557023.6,
3777251.6,     974.6,     974.6,       0.0);
     ( 557043.6, 3777251.6,     974.6,     974.6,       0.0);         ( 557063.6,
3777251.6,     974.8,     974.8,       0.0);
     ( 557083.6, 3777251.6,     971.2,     975.3,       0.0);         ( 556249.1,
3776972.8,     982.0,     982.0,       0.0);
     ( 556269.1, 3776972.8,     982.3,     982.3,       0.0);         ( 556229.1,
3776992.8,     981.3,     981.3,       0.0);
     ( 556249.1, 3776992.8,     981.9,     981.9,       0.0);         ( 556269.1,
3776992.8,     981.9,     981.9,       0.0);
```

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     ( 556289.1, 3776992.8,     982.2,     982.2,       0.0);         ( 556309.1,
3776992.8,     982.3,     982.3,       0.0);
     ( 556329.1, 3776992.8,     982.9,     982.9,       0.0);         ( 556209.1,
3777012.8,     980.4,     980.4,       0.0);
     ( 556229.1, 3777012.8,     981.4,     981.4,       0.0);         ( 556249.1,
3777012.8,     981.6,     981.6,       0.0);
     ( 556269.1, 3777012.8,     981.7,     981.7,       0.0);         ( 556289.1,
3777012.8,     981.7,     981.7,       0.0);
     ( 556309.1, 3777012.8,     982.0,     982.0,       0.0);         ( 556329.1,
3777012.8,     982.1,     982.1,       0.0);
     ( 556209.1, 3777032.8,     980.8,     980.8,       0.0);         ( 556229.1,
3777032.8,     981.2,     981.2,       0.0);
     ( 556249.1, 3777032.8,     981.3,     981.3,       0.0);         ( 556269.1,
3777032.8,     981.5,     981.5,       0.0);
     ( 556289.1, 3777032.8,     981.4,     981.4,       0.0);         ( 556309.1,
3777032.8,     981.5,     981.5,       0.0);
     ( 556209.1, 3777052.8,     980.6,     980.6,       0.0);         ( 556229.1,
3777052.8,     981.0,     981.0,       0.0);
     ( 556249.1, 3777052.8,     980.9,     980.9,       0.0);         ( 556269.1,
3777052.8,     981.1,     981.1,       0.0);
     ( 556289.1, 3777052.8,     981.1,     981.1,       0.0);         ( 556309.1,
3777052.8,     981.1,     981.1,       0.0);
     ( 556249.1, 3777072.8,     980.8,     980.8,       0.0);         ( 556269.1,
3777072.8,     980.7,     980.7,       0.0);
     ( 556289.1, 3777072.8,     980.8,     980.8,       0.0);         ( 556269.1,
3777092.8,     980.5,     980.5,       0.0);
     ( 556441.7, 3776927.5,     985.8,     985.8,       0.0);         ( 556461.7,
3776927.5,     985.7,     985.7,       0.0);
     ( 556481.7, 3776927.5,     986.0,     986.0,       0.0);         ( 556421.7,
3776947.5,     985.0,     985.0,       0.0);
     ( 556441.7, 3776947.5,     985.4,     985.4,       0.0);         ( 556461.7,
3776947.5,     985.2,     985.2,       0.0);
     ( 556481.7, 3776947.5,     985.5,     985.5,       0.0);         ( 556401.7,
3776967.5,     984.3,     984.3,       0.0);
     ( 556421.7, 3776967.5,     984.4,     984.4,       0.0);         ( 556441.7,
3776967.5,     984.9,     984.9,       0.0);
     ( 556461.7, 3776967.5,     985.1,     985.1,       0.0);         ( 556481.7,
3776967.5,     984.9,     984.9,       0.0);
     ( 556401.7, 3776987.5,     983.9,     983.9,       0.0);         ( 556421.7,
3776987.5,     984.2,     984.2,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

(556441.7, 3776987.5, 984.2, 984.2, 0.0); (556461.7, 3776987.5, 984.4, 984.4, 0.0);
(556481.7, 3776987.5, 984.3, 984.3, 0.0); (556421.7, 3777007.5, 983.9, 983.9, 0.0);
(556441.7, 3777007.5, 984.1, 984.1, 0.0); (556461.7, 3777007.5, 984.1, 984.1, 0.0);
(556481.7, 3777007.5, 983.9, 983.9, 0.0); (556441.7, 3777027.5, 983.8, 983.8, 0.0);
(556461.7, 3777027.5, 984.0, 984.0, 0.0); (556481.7, 3777027.5, 983.7, 983.7, 0.0);
(556251.2, 3777154.9, 978.9, 978.9, 0.0); (556261.3, 3777141.2, 979.1, 979.1, 0.0);
(556265.0, 3777168.2, 978.9, 978.9, 0.0); (556279.2, 3777151.8, 979.0, 979.0, 0.0);
(556202.6, 3777113.4, 979.3, 979.3, 0.0); (556220.1, 3777109.8, 979.4, 979.4, 0.0);
(556187.5, 3777090.2, 979.1, 979.1, 0.0); (556164.3, 3777121.4, 978.2, 978.2, 0.0);
(557510.3, 3776508.2, 988.3, 988.3, 0.0); (557530.3, 3776508.2, 988.1, 988.1, 0.0);
(557550.3, 3776508.2, 987.9, 987.9, 0.0); (557570.3, 3776508.2, 987.7, 987.7, 0.0);
(557590.3, 3776508.2, 987.6, 987.6, 0.0); (557610.3, 3776508.2, 987.6, 987.6, 0.0);
(557630.3, 3776508.2, 987.5, 987.5, 0.0); (557650.3, 3776508.2, 987.5, 987.5, 0.0);
(557670.3, 3776508.2, 987.3, 987.3, 0.0); (557690.3, 3776508.2, 987.1, 987.1, 0.0);
(557510.3, 3776528.2, 987.7, 987.7, 0.0); (557530.3, 3776528.2, 987.5, 987.5, 0.0);
(557550.3, 3776528.2, 987.3, 987.3, 0.0); (557570.3, 3776528.2, 987.1, 987.1, 0.0);
(557590.3, 3776528.2, 987.0, 987.0, 0.0); (557610.3, 3776528.2, 987.0, 987.0, 0.0);
(557630.3, 3776528.2, 987.0, 987.0, 0.0); (557650.3, 3776528.2, 987.0, 987.0, 0.0);
(557670.3, 3776528.2, 986.8, 986.8, 0.0); (557690.3, 3776528.2, 986.7, 986.7, 0.0);
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(557550.3, 3776548.2, 986.6, 986.6, 0.0); (557570.3, 3776548.2, 986.3, 986.3, 0.0);
(557590.3, 3776548.2, 986.3, 986.3, 0.0); (557610.3, 3776548.2, 986.3, 986.3, 0.0);
(557630.3, 3776548.2, 986.3, 986.3, 0.0); (557650.3, 3776548.2, 986.3, 986.3, 0.0);
(557670.3, 3776548.2, 986.2, 986.2, 0.0); (557690.3,

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3776548.2,     986.2,     986.2,       0.0);
     ( 557510.3, 3776568.2,     986.3,     986.3,       0.0);         ( 557530.3,
3776568.2,     986.2,     986.2,       0.0);
     ( 557550.3, 3776568.2,     985.9,     985.9,       0.0);         ( 557570.3,
3776568.2,     985.7,     985.7,       0.0);
     ( 557590.3, 3776568.2,     985.6,     985.6,       0.0);         ( 557610.3,
3776568.2,     985.5,     985.5,       0.0);
     ( 557630.3, 3776568.2,     985.5,     985.5,       0.0);         ( 557650.3,
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     ( 557670.3, 3776568.2,     985.6,     985.6,       0.0);         ( 557690.3,
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     ( 557510.3, 3776588.2,     985.5,     985.5,       0.0);         ( 557530.3,
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     ( 557550.3, 3776588.2,     985.3,     985.3,       0.0);         ( 557570.3,
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     ( 557590.3, 3776588.2,     984.8,     984.8,       0.0);         ( 557610.3,
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     ( 557630.3, 3776588.2,     984.9,     984.9,       0.0);         ( 557650.3,
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     ( 557670.3, 3776588.2,     985.0,     985.0,       0.0);         ( 557690.3,
3776588.2,     985.0,     985.0,       0.0);
     ( 557510.3, 3776608.2,     984.8,     984.8,       0.0);         ( 557530.3,
3776608.2,     984.8,     984.8,       0.0);
     ( 557550.3, 3776608.2,     984.5,     984.5,       0.0);         ( 557570.3,
3776608.2,     984.3,     984.3,       0.0);
     ( 557590.3, 3776608.2,     984.1,     984.1,       0.0);         ( 557610.3,
3776608.2,     984.1,     984.1,       0.0);
     ( 557630.3, 3776608.2,     984.2,     984.2,       0.0);         ( 557650.3,
3776608.2,     984.2,     984.2,       0.0);
     ( 557670.3, 3776608.2,     984.2,     984.2,       0.0);         ( 557690.3,
3776608.2,     984.2,     984.2,       0.0);
     ( 557510.3, 3776628.2,     984.1,     984.1,       0.0);         ( 557530.3,
3776628.2,     984.0,     984.0,       0.0);
     ( 557550.3, 3776628.2,     983.8,     983.8,       0.0);         ( 557570.3,
3776628.2,     983.8,     983.8,       0.0);
     ( 557590.3, 3776628.2,     983.5,     983.5,       0.0);         ( 557610.3,
3776628.2,     983.4,     983.4,       0.0);
     ( 557630.3, 3776628.2,     983.5,     983.5,       0.0);         ( 557650.3,
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     ( 557670.3, 3776628.2,     983.6,     983.6,       0.0);         ( 557690.3,
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3776648.2,     983.2,     983.2,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:55:36

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(557550.3, 3776648.2, 983.0, 983.0, 0.0); (557570.3, 3776648.2, 982.8, 982.8, 0.0);
(557590.3, 3776648.2, 982.8, 982.8, 0.0); (557610.3, 3776648.2, 982.7, 982.7, 0.0);
(557630.3, 3776648.2, 982.8, 982.8, 0.0); (557650.3, 3776648.2, 982.9, 982.9, 0.0);
(557670.3, 3776648.2, 982.9, 982.9, 0.0); (557690.3, 3776648.2, 982.9, 982.9, 0.0);
(557510.3, 3776668.2, 982.5, 982.5, 0.0); (557530.3, 3776668.2, 982.4, 982.4, 0.0);
(557550.3, 3776668.2, 982.2, 982.2, 0.0); (557570.3, 3776668.2, 982.1, 982.1, 0.0);
(557590.3, 3776668.2, 982.2, 982.2, 0.0); (557610.3, 3776668.2, 982.0, 982.0, 0.0);
(557630.3, 3776668.2, 982.0, 982.0, 0.0); (557650.3, 3776668.2, 982.2, 982.2, 0.0);
(557670.3, 3776668.2, 982.2, 982.2, 0.0); (557690.3, 3776668.2, 982.3, 982.3, 0.0);
(557510.3, 3776688.2, 981.8, 981.8, 0.0); (557530.3, 3776688.2, 981.7, 981.7, 0.0);
(557550.3, 3776688.2, 981.5, 981.5, 0.0); (557570.3, 3776688.2, 981.4, 981.4, 0.0);
(557590.3, 3776688.2, 981.3, 981.3, 0.0); (557610.3, 3776688.2, 981.2, 981.2, 0.0);
(557630.3, 3776688.2, 981.3, 981.3, 0.0); (557650.3, 3776688.2, 981.5, 981.5, 0.0);
(557670.3, 3776688.2, 981.5, 981.5, 0.0); (557690.3, 3776688.2, 981.4, 981.4, 0.0);
(556172.5, 3776517.8, 992.8, 992.8, 0.0); (556192.5, 3776517.8, 992.8, 992.8, 0.0);
(556212.5, 3776517.8, 993.4, 993.4, 0.0); (556232.5, 3776517.8, 993.7, 993.7, 0.0);
(556252.5, 3776517.8, 994.0, 994.0, 0.0); (556272.5, 3776517.8, 994.0, 994.0, 0.0);
(556292.5, 3776517.8, 994.0, 994.0, 0.0); (556312.5, 3776517.8, 994.1, 994.1, 0.0);
(556332.5, 3776517.8, 994.1, 994.1, 0.0); (556352.5, 3776517.8, 994.3, 994.3, 0.0);
(556372.5, 3776517.8, 994.9, 994.9, 0.0); (556392.5, 3776517.8, 994.8, 994.8, 0.0);
(556412.5, 3776517.8, 995.0, 995.0, 0.0); (556432.5, 3776517.8, 995.3, 995.3, 0.0);
(556452.5, 3776517.8, 995.8, 995.8, 0.0); (556472.5, 3776517.8, 995.6, 995.6, 0.0);

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     ( 556492.5, 3776517.8,     995.5,     995.5,       0.0);         ( 556172.5,
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     ( 556192.5, 3776537.8,     992.7,     992.7,       0.0);         ( 556212.5,
3776537.8,     992.9,     992.9,       0.0);
     ( 556232.5, 3776537.8,     993.2,     993.2,       0.0);         ( 556252.5,
3776537.8,     993.6,     993.6,       0.0);
     ( 556272.5, 3776537.8,     993.9,     993.9,       0.0);         ( 556292.5,
3776537.8,     993.7,     993.7,       0.0);
     ( 556312.5, 3776537.8,     993.8,     993.8,       0.0);         ( 556332.5,
3776537.8,     993.6,     993.6,       0.0);
     ( 556352.5, 3776537.8,     993.8,     993.8,       0.0);         ( 556372.5,
3776537.8,     994.3,     994.3,       0.0);
     ( 556392.5, 3776537.8,     994.8,     994.8,       0.0);         ( 556412.5,
3776537.8,     994.8,     994.8,       0.0);
     ( 556432.5, 3776537.8,     994.9,     994.9,       0.0);         ( 556452.5,
3776537.8,     995.4,     995.4,       0.0);
     ( 556472.5, 3776537.8,     995.2,     995.2,       0.0);         ( 556492.5,
3776537.8,     995.0,     995.0,       0.0);
     ( 556332.5, 3776557.8,     993.1,     993.1,       0.0);         ( 556352.5,
3776557.8,     993.6,     993.6,       0.0);
     ( 556372.5, 3776557.8,     993.6,     993.6,       0.0);         ( 556392.5,
3776557.8,     994.1,     994.1,       0.0);
     ( 556412.5, 3776557.8,     994.1,     994.1,       0.0);         ( 556432.5,
3776557.8,     994.4,     994.4,       0.0);
     ( 556452.5, 3776557.8,     994.8,     994.8,       0.0);         ( 556472.5,
3776557.8,     994.8,     994.8,       0.0);
     ( 556492.5, 3776557.8,     994.6,     994.6,       0.0);         ( 556332.5,
3776577.8,     992.8,     992.8,       0.0);
     ( 556352.5, 3776577.8,     992.9,     992.9,       0.0);         ( 556372.5,
3776577.8,     993.1,     993.1,       0.0);
     ( 556392.5, 3776577.8,     993.2,     993.2,       0.0);         ( 556412.5,
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     ( 556432.5, 3776577.8,     993.8,     993.8,       0.0);         ( 556452.5,
3776577.8,     994.1,     994.1,       0.0);
     ( 556472.5, 3776577.8,     994.2,     994.2,       0.0);         ( 556492.5,
3776577.8,     994.2,     994.2,       0.0);
     ( 556332.5, 3776597.8,     992.2,     992.2,       0.0);         ( 556352.5,
3776597.8,     992.3,     992.3,       0.0);
     ( 556372.5, 3776597.8,     992.6,     992.6,       0.0);         ( 556392.5,
3776597.8,     993.0,     993.0,       0.0);
     ( 556412.5, 3776597.8,     992.9,     992.9,       0.0);         ( 556432.5,
3776597.8,     993.3,     993.3,       0.0);
     ( 556452.5, 3776597.8,     993.8,     993.8,       0.0);         ( 556472.5,
3776597.8,     994.0,     994.0,       0.0);
     ( 556492.5, 3776597.8,     993.7,     993.7,       0.0);         ( 556252.5,
3776617.8,     990.9,     990.9,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(556272.5, 3776617.8, 991.3, 991.3, 0.0); (556292.5, 3776617.8, 991.5, 991.5, 0.0);
(556312.5, 3776617.8, 991.5, 991.5, 0.0); (556332.5, 3776617.8, 992.0, 992.0, 0.0);
(556352.5, 3776617.8, 991.8, 991.8, 0.0); (556372.5, 3776617.8, 991.8, 991.8, 0.0);
(556392.5, 3776617.8, 992.2, 992.2, 0.0); (556412.5, 3776617.8, 992.2, 992.2, 0.0);
(556432.5, 3776617.8, 992.7, 992.7, 0.0); (556452.5, 3776617.8, 992.9, 992.9, 0.0);
(556472.5, 3776617.8, 993.6, 993.6, 0.0); (556492.5, 3776617.8, 993.3, 993.3, 0.0);
(556252.5, 3776637.8, 990.4, 990.4, 0.0); (556272.5, 3776637.8, 990.3, 991.2, 0.0);
(556292.5, 3776637.8, 990.9, 990.9, 0.0); (556312.5, 3776637.8, 991.2, 991.2, 0.0);
(556332.5, 3776637.8, 991.1, 991.1, 0.0); (556352.5, 3776637.8, 991.4, 991.4, 0.0);
(556372.5, 3776637.8, 991.3, 991.3, 0.0); (556392.5, 3776637.8, 991.7, 991.7, 0.0);
(556412.5, 3776637.8, 991.9, 991.9, 0.0); (556432.5, 3776637.8, 992.1, 992.1, 0.0);
(556452.5, 3776637.8, 992.5, 992.5, 0.0); (556472.5, 3776637.8, 992.8, 992.8, 0.0);
(556492.5, 3776637.8, 992.9, 992.9, 0.0); (556252.5, 3776657.8, 989.7, 989.7, 0.0);
(556272.5, 3776657.8, 989.8, 989.8, 0.0); (556292.5, 3776657.8, 989.9, 989.9, 0.0);
(556312.5, 3776657.8, 990.8, 990.8, 0.0); (556332.5, 3776657.8, 990.6, 990.6, 0.0);
(556352.5, 3776657.8, 990.6, 990.6, 0.0); (556372.5, 3776657.8, 990.7, 990.7, 0.0);
(556392.5, 3776657.8, 991.3, 991.3, 0.0); (556412.5, 3776657.8, 991.5, 991.5, 0.0);
(556432.5, 3776657.8, 991.8, 991.8, 0.0); (556452.5, 3776657.8, 992.0, 992.0, 0.0);
(556472.5, 3776657.8, 992.3, 992.3, 0.0); (556492.5, 3776657.8, 992.4, 992.4, 0.0);
(556252.5, 3776677.8, 989.1, 989.1, 0.0); (556272.5, 3776677.8, 989.7, 989.7, 0.0);
(556292.5, 3776677.8, 989.8, 989.8, 0.0); (556312.5,

3776677.8,   989.9,   989.9,   0.0);
     (556332.5, 3776677.8,   990.0,   990.0,   0.0);   (556352.5,
3776677.8,   990.0,   990.0,   0.0);
     (556372.5, 3776677.8,   990.3,   990.3,   0.0);   (556392.5,
3776677.8,   990.8,   990.8,   0.0);
     (556412.5, 3776677.8,   990.8,   990.8,   0.0);   (556432.5,
3776677.8,   991.4,   991.4,   0.0);
     (556452.5, 3776677.8,   991.7,   991.7,   0.0);   (556472.5,
3776677.8,   991.8,   991.8,   0.0);
     (556492.5, 3776677.8,   991.9,   991.9,   0.0);   (556252.5,
3776697.8,   988.5,   988.5,   0.0);
     (556272.5, 3776697.8,   989.0,   989.0,   0.0);   (556372.5,
3776697.8,   989.8,   989.8,   0.0);
     (556392.5, 3776697.8,   990.5,   990.5,   0.0);   (556412.5,
3776697.8,   990.5,   990.5,   0.0);
     (556432.5, 3776697.8,   990.9,   990.9,   0.0);   (556452.5,
3776697.8,   991.3,   991.3,   0.0);
     (556472.5, 3776697.8,   991.4,   991.4,   0.0);   (556492.5,
3776697.8,   991.4,   991.4,   0.0);
     (556252.5, 3776717.8,   988.6,   988.6,   0.0);   (556272.5,
3776717.8,   988.6,   988.6,   0.0);
     (556372.5, 3776717.8,   989.2,   989.2,   0.0);   (556392.5,
3776717.8,   990.0,   990.0,   0.0);
     (556412.5, 3776717.8,   990.1,   990.1,   0.0);   (556432.5,
3776717.8,   990.5,   990.5,   0.0);
     (556452.5, 3776717.8,   990.9,   990.9,   0.0);   (556472.5,
3776717.8,   990.6,   990.6,   0.0);
     (556492.5, 3776717.8,   991.0,   991.0,   0.0);   (556267.4,
3776875.8,   984.3,   984.3,   0.0);
     (556239.0, 3776853.0,   985.0,   985.0,   0.0);   (556178.8,
3776751.2,   986.0,   986.0,   0.0);
     (556154.5, 3776774.5,   986.0,   986.0,   0.0);   (556119.5,
3776705.1,   986.9,   986.9,   0.0);
     (556146.5, 3777267.9,   975.8,   975.8,   0.0);   (556151.0,
3777234.9,   976.6,   976.6,   0.0);
     (556144.9, 3777179.6,   977.1,   977.1,   0.0);   (556205.2,
3777236.5,   976.5,   976.5,   0.0);
     (556218.0, 3777200.0,   977.6,   977.6,   0.0);   (556772.0,
3777346.0,   973.9,   973.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\kpsp_sfc_pfl\KPSP_V11_trimmed.sfc
Met Version: 22112
Profile file: ..\kpsp_sfc_pfl\KPSP_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93138 Upper air station no.: 3190

Name: 33.63 Name: UNKNOWN

Year: 2018 Year: 2018

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
18	01	01	1	01	-14.0	0.169	-9.000	-9.000	-999.	440.	31.3	0.20	3.95	1.00	1.76	251.	10.1	283.1	2.0
18	01	01	1	02	-29.9	0.302	-9.000	-9.000	-999.	400.	100.6	0.42	3.95	1.00	2.36	318.	10.1	283.8	2.0
18	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.15	3.95	1.00	0.00	0.	10.1	283.1	2.0
18	01	01	1	04	-23.9	0.242	-9.000	-9.000	-999.	286.	64.5	0.05	3.95	1.00	3.36	343.	10.1	284.2	2.0
18	01	01	1	05	-22.2	0.222	-9.000	-9.000	-999.	251.	54.3	0.42	3.95	1.00	1.76	313.	10.1	281.4	2.0
18	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.15	3.95	1.00	0.00	0.	10.1	282.0	2.0
18	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.15	3.95	1.00	0.00	0.	10.1	282.0	2.0
18	01	01	1	08	-10.1	0.158	-9.000	-9.000	-999.	151.	34.8	0.15	3.95	0.51	1.76	999.	10.1	284.2	2.0
18	01	01	1	09	49.7	-9.000	-9.000	-9.000	112.	-999.	-99999.0	0.15	3.95	0.31	0.00	0.	10.1	288.1	2.0
18	01	01	1	10	126.4	-9.000	-9.000	-9.000	210.	-999.	-99999.0	0.15	3.95	0.24	0.00	0.	10.1	292.0	2.0
18	01	01	1	11	179.4	0.238	1.188	0.010	336.	279.	-6.8	0.15	3.95	0.22	1.76	999.	10.1	295.3	2.0
18	01	01	1	12	204.5	-9.000	-9.000	-9.000	506.	-999.	-99999.0	0.15	3.95	0.21	0.00	0.	10.1	297.5	2.0
18	01	01	1	13	199.1	-9.000	-9.000	-9.000	674.	-999.	-99999.0	0.15	3.95	0.21	0.00	0.	10.1	297.0	2.0
18	01	01	1	14	166.1	0.306	1.531	0.006	774.	406.	-15.4	0.05	3.95	0.23	3.36	119.	10.1	297.0	2.0
18	01	01	1	15	106.1	0.177	1.363	0.006	855.	189.	-4.7	0.04	3.95	0.26	1.76	132.	10.1	296.4	2.0
18	01	01	1	16	25.4	-9.000	-9.000	-9.000	876.	-999.	-99999.0	0.15	3.95	0.36	0.00	0.	10.1	295.9	2.0
18	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.15	3.95	0.66	0.00	0.	10.1	294.8	2.0
18	01	01	1	18	-16.2	0.186	-9.000	-9.000	-999.	193.	38.1	0.27	3.95	1.00	1.76	237.	10.1	293.1	2.0
18	01	01	1	19	-14.9	0.167	-9.000	-9.000	-999.	164.	30.6	0.05	3.95	1.00	2.36	334.	10.1	290.9	2.0
18	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.15	3.95	1.00	0.00	0.	10.1	288.8	2.0
18	01	01	1	21	-23.6	0.242	-9.000	-9.000	-999.	286.	64.5	0.05	3.95

```
1.00    3.36  330.   10.1  288.1    2.0
 18 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  286.4    2.0
 18 01 01   1 23  -20.0  0.205 -9.000 -9.000 -999.  222.     46.0  0.05   3.95
1.00    2.86  330.   10.1  288.1    2.0
 18 01 01   1 24  -49.4  0.505 -9.000 -9.000 -999.  862.    280.9  0.42   3.95
1.00    3.86  310.   10.1  287.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01   10.1 1  251.    1.76   283.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                  L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                  L0000101    , L0000102    , L0000103    , L0000104    , L0000105
, L0000106    , L0000107    , L0000108    ,
                  L0000109    , L0000110    , L0000111    , L0000112    , L0000113
, L0000114    , L0000115    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         556521.71    3777341.57        7.76397                      556539.90
3777344.94        8.31485
         556591.78    3777345.39       10.40759                      556630.62
3777349.66       11.87774
         556684.29    3777349.43       14.34183                      556905.58
3777351.19       13.39454
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         556920.93    3777350.82       12.42965                    556942.87
3777350.09       11.05726
         556996.26    3777348.26        8.12669                    557096.81
3777357.77        4.51680
         557115.83    3777363.62        4.05987                    557129.36
3777361.43        3.84404
         557230.65    3777363.99        2.56401                    556466.22
3776816.07        1.38555
         556407.87    3776826.19        1.27353                    556381.07
3776807.14        1.14651
         556404.29    3776771.52        1.06525                    556465.21
3776739.51        1.06587
         556396.10    3776739.93        0.95733                    556323.99
3777265.43        3.43926
         556330.60    3777233.99        3.47147                    556321.08
3777200.43        3.21899
         556275.11    3777267.81        2.85824                    556278.28
3777233.46        2.83230
         556509.40    3777373.38        6.55926                    556529.40
3777373.38        7.08139
         556549.40    3777373.38        7.63787                    556569.40
3777373.38        8.22081
         556589.40    3777373.38        8.83805                    556609.40
3777373.38        9.46719
         556629.40    3777373.38       10.11318                    556649.40
3777373.38       10.74707
         556669.40    3777373.38       11.36721                    556689.40
3777373.38       11.94723
         556709.40    3777373.38       12.45283                    556729.40
3777373.38       12.86266
         556749.40    3777373.38       13.17337                    556769.40
3777373.38       13.34303
         556789.40    3777373.38       13.38835                    556809.40
3777373.38       13.30571
         556829.40    3777373.38       13.06181                    556849.40
3777373.38       12.65944
         556869.40    3777373.38       12.13149                    556889.40
3777373.38       11.45411
         556909.40    3777373.38       10.65523                    556929.40
3777373.38        9.77669
         556949.40    3777373.38        8.89259                    556969.40
3777373.38        8.04954
         556989.40    3777373.38        7.26579                    557009.40
3777373.38        6.55426
         557029.40    3777373.38        5.92808                    557049.40
3777373.38        5.37001
         557069.40    3777373.38        4.87090                    557089.40
3777373.38        4.43575
         557109.40    3777373.38        4.05274                    557129.40
3777373.38        3.71581
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         557149.40    3777373.38        3.41831                      557169.40
3777373.38        3.15635
         557189.40    3777373.38        2.92662                      557209.40
3777373.38        2.72028
         557229.40    3777373.38        2.53247                      557249.40
3777373.38        2.36238
         557269.40    3777373.38        2.20803                      557289.40
3777373.38        2.07107
         557309.40    3777373.38        1.94748                      557329.40
3777373.38        1.83141
         557349.40    3777373.38        1.72885                      557369.40
3777373.38        1.63315
         557389.40    3777373.38        1.54543                      557409.40
3777373.38        1.46476
         557429.40    3777373.38        1.38888                      557449.40
3777373.38        1.32066
         557469.40    3777373.38        1.25634                      557489.40
3777373.38        1.19412
         556509.40    3777393.38        6.09056                      556529.40
3777393.38        6.52298
         556549.40    3777393.38        6.97665                      556569.40
3777393.38        7.44383
         556589.40    3777393.38        7.93469                      556609.40
3777393.38        8.42382
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                  L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                  L0000101    , L0000102    , L0000103    , L0000104    , L0000105
, L0000106    , L0000107    , L0000108    ,
                  L0000109    , L0000110    , L0000111    , L0000112    , L0000113
, L0000114    , L0000115    ,  . . .      ,

                                          *** 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
556629.40	3777393.38	8.91690	556649.40	3777393.38	9.37795
556669.40	3777393.38	9.81110	556689.40	3777393.38	10.20209
556709.40	3777393.38	10.54549	556729.40	3777393.38	10.80304
556749.40	3777393.38	10.98893	556769.40	3777393.38	11.07005
556789.40	3777393.38	11.05305	556809.40	3777393.38	10.95489
556829.40	3777393.38	10.75483	556849.40	3777393.38	10.43759
556869.40	3777393.38	10.04528	556889.40	3777393.38	9.58068
556909.40	3777393.38	9.00096	556929.40	3777393.38	8.37599
556949.40	3777393.38	7.70866	556969.40	3777393.38	7.07413
556989.40	3777393.38	6.47260	557009.40	3777393.38	5.91305
557029.40	3777393.38	5.39441	557049.40	3777393.38	4.92918
557069.40	3777393.38	4.51229	557089.40	3777393.38	4.13966
557109.40	3777393.38	3.80863	557129.40	3777393.38	3.50498
557149.40	3777393.38	3.24287	557169.40	3777393.38	3.00359
557189.40	3777393.38	2.79084	557209.40	3777393.38	2.60470
557229.40	3777393.38	2.43539	557249.40	3777393.38	2.27779
557269.40	3777393.38	2.13652	557289.40	3777393.38	2.00718
557309.40	3777393.38	1.88676	557329.40	3777393.38	1.78207
557349.40	3777393.38	1.68404	557369.40	3777393.38	1.59442
557389.40	3777393.38	1.51164	557409.40	3777393.38	1.43366
557429.40	3777393.38	1.36226	557449.40	3777393.38	1.29702
557469.40	3777393.38	1.23467	557489.40	3777393.38	1.17514
556509.40	3777413.38	5.64585	556529.40	3777413.38	6.00679

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         556549.40    3777413.38        6.38110                      556569.40
3777413.38        6.76234
         556589.40    3777413.38        7.14481                      556609.40
3777413.38        7.52211
         556629.40    3777413.38        7.89079                      556649.40
3777413.38        8.22496
         556669.40    3777413.38        8.53488                      556689.40
3777413.38        8.80450
         556709.40    3777413.38        9.02752                      556729.40
3777413.38        9.18923
         556749.40    3777413.38        9.28370                      556769.40
3777413.38        9.33172
         556789.40    3777413.38        9.29321                      556809.40
3777413.38        9.20584
         556829.40    3777413.38        9.03826                      556849.40
3777413.38        8.80120
         556869.40    3777413.38        8.52040                      556889.40
3777413.38        8.15950
         556909.40    3777413.38        7.73704                      556929.40
3777413.38        7.28173
         556949.40    3777413.38        6.76403                      556969.40
3777413.38        6.26489
         556989.40    3777413.38        5.78432                      557009.40
3777413.38        5.33773
         557029.40    3777413.38        4.91382                      557049.40
3777413.38        4.52868
         557069.40    3777413.38        4.17737                      557089.40
3777413.38        3.85782
         557109.40    3777413.38        3.57143                      557129.40
3777413.38        3.30186
         557149.40    3777413.38        3.07125                      557169.40
3777413.38        2.85474
         557189.40    3777413.38        2.66341                      557209.40
3777413.38        2.49284
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                 L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                 L0000101    , L0000102    , L0000103    , L0000104    , L0000105
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, L0000106   , L0000107   , L0000108   ,
                L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                        *** 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
 - - -

```
         556949.40    3777433.38        5.98942                      556969.40
3777433.38        5.58734
         556989.40    3777433.38        5.19607                      557009.40
3777433.38        4.84161
         557029.40    3777433.38        4.49414                      557049.40
3777433.38        4.17357
         557069.40    3777433.38        3.87184                      557089.40
3777433.38        3.59510
         557109.40    3777433.38        3.34526                      557129.40
3777433.38        3.11051
         557149.40    3777433.38        2.90367                      557169.40
3777433.38        2.70814
         557189.40    3777433.38        2.53680                      557209.40
3777433.38        2.38108
         557229.40    3777433.38        2.23397                      557249.40
3777433.38        2.10538
         557269.40    3777433.38        1.98470                      557289.40
3777433.38        1.87228
         557309.40    3777433.38        1.77294                      557329.40
3777433.38        1.67727
         557349.40    3777433.38        1.58699                      557369.40
3777433.38        1.50751
         557389.40    3777433.38        1.43766                      557409.40
3777433.38        1.36980
         557429.40    3777433.38        1.30207                      557449.40
3777433.38        1.24255
         557469.40    3777433.38        1.18664                      557489.40
3777433.38        1.13434
         556509.40    3777453.38        4.84612                      556529.40
3777453.38        5.09239
         556549.40    3777453.38        5.34064                      556569.40
3777453.38        5.58064
         556589.40    3777453.38        5.81814                      556609.40
3777453.38        6.03938
         556629.40    3777453.38        6.24942                      556649.40
3777453.38        6.43111
         556669.40    3777453.38        6.58402                      556689.40
3777453.38        6.71150
         556709.40    3777453.38        6.80282                      556729.40
3777453.38        6.87124
         556749.40    3777453.38        6.90228                      556769.40
3777453.38        6.89903
         556789.40    3777453.38        6.85852                      556809.40
3777453.38        6.78636
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:55:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , . . . ,

*** 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
556829.40	3777453.38	6.69009	556849.40	3777453.38	6.54694
556869.40	3777453.38	6.38183	556889.40	3777453.38	6.15830
556909.40	3777453.38	5.91553	556929.40	3777453.38	5.62543
556949.40	3777453.38	5.32728	556969.40	3777453.38	5.01363
556989.40	3777453.38	4.69797	557009.40	3777453.38	4.39318
557029.40	3777453.38	4.10684	557049.40	3777453.38	3.83781
557069.40	3777453.38	3.58821	557089.40	3777453.38	3.35193
557109.40	3777453.38	3.13449	557129.40	3777453.38	2.92958
557149.40	3777453.38	2.74518	557169.40	3777453.38	2.56767
557189.40	3777453.38	2.41240	557209.40	3777453.38	2.27212
557229.40	3777453.38	2.13791	557249.40	3777453.38	2.02029
557269.40	3777453.38	1.90835	557289.40	3777453.38	1.80509
557309.40	3777453.38	1.71200	557329.40	3777453.38	1.62407

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         557349.40    3777453.38        1.54315                    557369.40
3777453.38        1.46478
         557389.40    3777453.38        1.39554                    557409.40
3777453.38        1.33356
         557429.40    3777453.38        1.27255                    557449.40
3777453.38        1.21559
         557469.40    3777453.38        1.16162                    557489.40
3777453.38        1.11038
         556509.40    3777473.38        4.48936                    556529.40
3777473.38        4.68773
         556549.40    3777473.38        4.88632                    556569.40
3777473.38        5.08380
         556589.40    3777473.38        5.26495                    556609.40
3777473.38        5.43318
         556629.40    3777473.38        5.58707                    556649.40
3777473.38        5.72225
         556669.40    3777473.38        5.82970                    556689.40
3777473.38        5.91349
         556709.40    3777473.38        5.97859                    556729.40
3777473.38        6.02379
         556749.40    3777473.38        6.03478                    556769.40
3777473.38        6.02909
         556789.40    3777473.38        5.99079                    556809.40
3777473.38        5.93417
         556829.40    3777473.38        5.85530                    556849.40
3777473.38        5.75138
         556869.40    3777473.38        5.62044                    556889.40
3777473.38        5.44102
         556909.40    3777473.38        5.24887                    556929.40
3777473.38        5.02550
         556949.40    3777473.38        4.78411                    556969.40
3777473.38        4.52958
         556989.40    3777473.38        4.27228                    557009.40
3777473.38        4.02196
         557029.40    3777473.38        3.77806                    557049.40
3777473.38        3.54616
         557069.40    3777473.38        3.33254                    557089.40
3777473.38        3.12716
         557109.40    3777473.38        2.93849                    557129.40
3777473.38        2.75711
         557149.40    3777473.38        2.59514                    557169.40
3777473.38        2.43620
         557189.40    3777473.38        2.29510                    557209.40
3777473.38        2.16614
         557229.40    3777473.38        2.04500                    557249.40
3777473.38        1.93693
         557269.40    3777473.38        1.83339                    557289.40
3777473.38        1.73825
         557309.40    3777473.38        1.65144                    557329.40
3777473.38        1.57099
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                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                  L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                  L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                  L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                                *** 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
 -
- -
         557429.40   3777473.38   1.23847   557449.40
3777473.38   1.18689
         557469.40   3777473.38   1.13576   557489.40
3777473.38   1.08726
         556509.40   3777493.38   4.16013   556529.40
3777493.38   4.32753
         556549.40   3777493.38   4.48638   556569.40
3777493.38   4.62973
         556589.40   3777493.38   4.76974   556609.40
3777493.38   4.90191
         556629.40   3777493.38   5.01279   556649.40
3777493.38   5.10875
         556669.40   3777493.38   5.19247   556689.40
3777493.38   5.25092
         556709.40   3777493.38   5.29455   556729.40
3777493.38   5.32762

556749.40 3777493.38 5.32723 556769.40
3777493.38 5.31950
556789.40 3777493.38 5.28583 556809.40
3777493.38 5.23517
556829.40 3777493.38 5.17784 556849.40
3777493.38 5.09170
556869.40 3777493.38 4.98850 556889.40
3777493.38 4.84943
556909.40 3777493.38 4.69425 556929.40
3777493.38 4.51363
556949.40 3777493.38 4.31855 556969.40
3777493.38 4.10861
556989.40 3777493.38 3.89984 557009.40
3777493.38 3.69222
557029.40 3777493.38 3.48500 557049.40
3777493.38 3.28592
557069.40 3777493.38 3.10018 557089.40
3777493.38 2.92047
557109.40 3777493.38 2.75785 557129.40
3777493.38 2.59825
557149.40 3777493.38 2.45191 557169.40
3777493.38 2.31308
557189.40 3777493.38 2.18188 557209.40
3777493.38 2.06598
557229.40 3777493.38 1.95485 557249.40
3777493.38 1.85354
557269.40 3777493.38 1.76028 557289.40
3777493.38 1.67282
557309.40 3777493.38 1.59071 557329.40
3777493.38 1.51551
557349.40 3777493.38 1.44564 557369.40
3777493.38 1.37968
557389.40 3777493.38 1.31884 557409.40
3777493.38 1.26150
557429.40 3777493.38 1.20434 557449.40
3777493.38 1.15465
557469.40 3777493.38 1.10843 557489.40
3777493.38 1.06301
556509.40 3777513.38 3.85648 556529.40
3777513.38 3.99031
556549.40 3777513.38 4.11382 556569.40
3777513.38 4.24124
556589.40 3777513.38 4.34836 556609.40
3777513.38 4.43952
556629.40 3777513.38 4.52905 556649.40
3777513.38 4.59805
556669.40 3777513.38 4.65339 556689.40
3777513.38 4.69032
556709.40 3777513.38 4.72177 556729.40
3777513.38 4.74508

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        557149.40    3777513.38        2.31930                    557169.40
3777513.38        2.19561
        557189.40    3777513.38        2.07702                    557209.40
3777513.38        1.97193
        557229.40    3777513.38        1.86865                    557249.40
3777513.38        1.77743
        557269.40    3777513.38        1.68991                    557289.40
3777513.38        1.60823
        557309.40    3777513.38        1.53373                    557329.40
3777513.38        1.46369
        557349.40    3777513.38        1.39761                    557369.40
3777513.38        1.33538
        557389.40    3777513.38        1.27833                    557409.40
3777513.38        1.22500
        557429.40    3777513.38        1.17273                    557449.40
3777513.38        1.12441
        557469.40    3777513.38        1.07952                    557489.40
3777513.38        1.03738
        556509.40    3777533.38        3.57681                    556529.40
3777533.38        3.68656
        556549.40    3777533.38        3.78637                    556569.40
3777533.38        3.87825
        556589.40    3777533.38        3.95996                    556609.40
3777533.38        4.03288
        556629.40    3777533.38        4.09580                    556649.40
3777533.38        4.14660
        556669.40    3777533.38        4.18126                    556689.40
3777533.38        4.21142
        556709.40    3777533.38        4.23793                    556729.40
3777533.38        4.25317
        556749.40    3777533.38        4.25240                    556769.40
3777533.38        4.24364
        556789.40    3777533.38        4.22493                    556809.40
3777533.38        4.18623
        556829.40    3777533.38        4.14760                    556849.40
3777533.38        4.08531
        556869.40    3777533.38        4.01539                    556889.40
3777533.38        3.93016
        556909.40    3777533.38        3.82404                    556929.40
3777533.38        3.70391
        556949.40    3777533.38        3.57159                    556969.40
3777533.38        3.42664
        556989.40    3777533.38        3.27920                    557009.40
3777533.38        3.13267
        557029.40    3777533.38        2.98377                    557049.40
3777533.38        2.83880
        557069.40    3777533.38        2.69739                    557089.40
3777533.38        2.56093
        557109.40    3777533.38        2.43184                    557129.40
3777533.38        2.31127
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         557149.40    3777533.38        2.19652                      557169.40
3777533.38        2.08369
         557189.40    3777533.38        1.97764                      557209.40
3777533.38        1.88242
         557229.40    3777533.38        1.78630                      557249.40
3777533.38        1.70270
         557269.40    3777533.38        1.62165                      557289.40
3777533.38        1.54706
         557309.40    3777533.38        1.47737                      557329.40
3777533.38        1.41209
         557349.40    3777533.38        1.35105                      557369.40
3777533.38        1.29282
         557389.40    3777533.38        1.23724                      557409.40
3777533.38        1.18783
         557429.40    3777533.38        1.13973                      557449.40
3777533.38        1.09495
         557469.40    3777533.38        1.05118                      557489.40
3777533.38        1.01034
         556509.40    3777553.38        3.32195                      556529.40
3777553.38        3.40914
         556549.40    3777553.38        3.48651                      556569.40
3777553.38        3.55937
         556589.40    3777553.38        3.62377                      556609.40
3777553.38        3.67555
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                  L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                  L0000101    , L0000102    , L0000103    , L0000104    , L0000105
, L0000106    , L0000107    , L0000108    ,
                  L0000109    , L0000110    , L0000111    , L0000112    , L0000113
, L0000114    , L0000115    ,  . . .      ,

                                              *** 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
556629.40	3777553.38	3.72139	556649.40	3777553.38	3.75907
556669.40	3777553.38	3.78010	556689.40	3777553.38	3.80153
556709.40	3777553.38	3.82314	556729.40	3777553.38	3.83439
556749.40	3777553.38	3.82876	556769.40	3777553.38	3.82241
556789.40	3777553.38	3.81071	556809.40	3777553.38	3.78207
556829.40	3777553.38	3.74781	556849.40	3777553.38	3.69753
556869.40	3777553.38	3.63897	556889.40	3777553.38	3.56828
556909.40	3777553.38	3.48288	556929.40	3777553.38	3.38651
556949.40	3777553.38	3.26701	556969.40	3777553.38	3.14736
556989.40	3777553.38	3.01937	557009.40	3777553.38	2.89478
557029.40	3777553.38	2.76661	557049.40	3777553.38	2.64308
557069.40	3777553.38	2.52117	557089.40	3777553.38	2.40168
557109.40	3777553.38	2.28624	557129.40	3777553.38	2.17932
557149.40	3777553.38	2.07734	557169.40	3777553.38	1.97792
557189.40	3777553.38	1.88324	557209.40	3777553.38	1.79420
557229.40	3777553.38	1.70880	557249.40	3777553.38	1.62925
557269.40	3777553.38	1.55558	557289.40	3777553.38	1.48690
557309.40	3777553.38	1.42217	557329.40	3777553.38	1.36133
557349.40	3777553.38	1.30487	557369.40	3777553.38	1.25129
557389.40	3777553.38	1.19917	557409.40	3777553.38	1.15171
557429.40	3777553.38	1.10656	557449.40	3777553.38	1.06441
557469.40	3777553.38	1.02384	557489.40	3777553.38	0.98407
557438.91	3777336.71	1.39588	556615.91	3777136.99	26.07959

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         556586.37    3777056.16        9.14813                        556672.35
3776929.14        6.45610
         556692.35    3776929.14        6.97175                        556712.35
3776929.14        7.52586
         556732.35    3776929.14        8.07154                        556752.35
3776929.14        8.64033
         556772.35    3776929.14        9.08450                        556792.35
3776929.14        9.45528
         556812.35    3776929.14        9.90195                        556832.35
3776929.14       10.21464
         556852.35    3776929.14       10.57446                        556672.35
3776949.14        7.27279
         556692.35    3776949.14        7.90466                        556712.35
3776949.14        8.56272
         556732.35    3776949.14        9.20270                        556752.35
3776949.14        9.78369
         556772.35    3776949.14       10.30986                        556792.35
3776949.14       10.83453
         556812.35    3776949.14       11.28369                        556832.35
3776949.14       11.63342
         556852.35    3776949.14       12.03865                        556672.35
3776969.14        8.26786
         556692.35    3776969.14        9.05145                        556712.35
3776969.14        9.85720
         556732.35    3776969.14       10.61682                        556752.35
3776969.14       11.28189
         556772.35    3776969.14       11.86180                        556792.35
3776969.14       12.44715
         556812.35    3776969.14       12.94989                        556832.35
3776969.14       13.39283
         556852.35    3776969.14       13.85825                        556672.35
3776989.14        9.50132
         556692.35    3776989.14       10.48547                        556712.35
3776989.14       11.47678
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                 L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                 L0000101    , L0000102    , L0000103    , L0000104    , L0000105
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, L0000106   , L0000107   , L0000108   ,
                L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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
 - - -

```
         556852.35    3777049.14       28.90447                       556927.54
3776959.53       12.97138
         556947.54    3776959.53       12.13809                       556967.54
3776959.53       11.10846
         556987.54    3776959.53        9.98348                       557007.54
3776959.53        8.81097
         557027.54    3776959.53        7.70223                       557047.54
3776959.53        6.70926
         557067.54    3776959.53        5.85320                       557087.54
3776959.53        5.13320
         556927.54    3776979.53       14.55165                       556947.54
3776979.53       13.39282
         556967.54    3776979.53       12.01275                       556987.54
3776979.53       10.61142
         557007.54    3776979.53        9.22509                       557027.54
3776979.53        7.96971
         557047.54    3776979.53        6.88584                       557067.54
3776979.53        5.98030
         557087.54    3776979.53        5.23506                       556927.54
3776999.53       16.39048
         556947.54    3776999.53       14.77419                       556967.54
3776999.53       13.02064
         556987.54    3776999.53       11.24956                       557007.54
3776999.53        9.63111
         557027.54    3776999.53        8.23169                       557047.54
3776999.53        7.06620
         557067.54    3776999.53        6.11791                       557087.54
3776999.53        5.35360
         556927.54    3777019.53       18.53433                       556947.54
3777019.53       16.29019
         556967.54    3777019.53       14.03318                       556987.54
3777019.53       11.89054
         557007.54    3777019.53       10.03428                       557027.54
3777019.53        8.49865
         557047.54    3777019.53        7.26188                       557067.54
3777019.53        6.27835
         557087.54    3777019.53        5.49492                       556927.54
3777039.53       21.03396
         556947.54    3777039.53       17.95000                       556967.54
3777039.53       15.08420
         556987.54    3777039.53       12.53764                       557007.54
3777039.53       10.44541
         557027.54    3777039.53        8.78448                       557047.54
3777039.53        7.48482
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:55:36
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , . . . ,

*** 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
557067.54	3777039.53	6.46593	557087.54	3777039.53	5.66125
557047.54	3777059.53	7.67417	557067.54	3777059.53	6.62499
557087.54	3777059.53	5.79712	556919.02	3777174.93	56.16601
556939.02	3777174.93	36.04317	556919.02	3777194.93	56.93555
556939.02	3777194.93	36.18680	556919.02	3777214.93	54.58496
556939.02	3777214.93	34.81570	556919.02	3777234.93	49.99695
556939.02	3777234.93	32.16570	556919.02	3777254.93	41.90384
556939.02	3777254.93	28.23938	557023.57	3777171.57	11.29190
557043.57	3777171.57	9.40460	557063.57	3777171.57	7.97689
557083.57	3777171.57	6.87162	557023.57	3777191.57	11.37238
557043.57	3777191.57	9.45816	557063.57	3777191.57	8.01152
557083.57	3777191.57	6.89789	557023.57	3777211.57	11.25739
557043.57	3777211.57	9.38440	557063.57	3777211.57	7.96630

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        557083.57    3777211.57        6.84299                    557023.57
3777231.57       10.93943
        557043.57    3777231.57        9.16740                    557063.57
3777231.57        7.81495
        557083.57    3777231.57        6.70706                    557023.57
3777251.57       10.43287
        557043.57    3777251.57        8.81249                    557063.57
3777251.57        7.56231
        557083.57    3777251.57        6.49147                    556249.05
3776972.85        1.60922
        556269.05    3776972.85        1.64444                    556229.05
3776992.85        1.64996
        556249.05    3776992.85        1.67441                    556269.05
3776992.85        1.75893
        556289.05    3776992.85        1.82317                    556309.05
3776992.85        1.89394
        556329.05    3776992.85        1.89201                    556209.05
3777012.85        1.66657
        556229.05    3777012.85        1.68095                    556249.05
3777012.85        1.75335
        556269.05    3777012.85        1.84961                    556289.05
3777012.85        1.96309
        556309.05    3777012.85        2.04115                    556329.05
3777012.85        2.17630
        556209.05    3777032.85        1.70090                    556229.05
3777032.85        1.77737
        556249.05    3777032.85        1.83610                    556269.05
3777032.85        1.94608
        556289.05    3777032.85        2.07340                    556309.05
3777032.85        2.20588
        556209.05    3777052.85        1.75102                    556229.05
3777052.85        1.84066
        556249.05    3777052.85        1.95404                    556269.05
3777052.85        2.07560
        556289.05    3777052.85        2.21097                    556309.05
3777052.85        2.36159
        556249.05    3777072.85        2.02393                    556269.05
3777072.85        2.15591
        556289.05    3777072.85        2.30004                    556269.05
3777092.85        2.22715
        556441.69    3776927.49        1.96138                    556461.69
3776927.49        2.09860
        556481.69    3776927.49        2.19994                    556421.69
3776947.49        2.02770
        556441.69    3776947.49        2.11458                    556461.69
3776947.49        2.27402
        556481.69    3776947.49        2.40097                    556401.69
3776967.49        2.06561
        556421.69    3776967.49        2.19808                    556441.69
3776967.49        2.29275
```

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                  L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                  L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                  L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                                *** 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
 -
- -
         556441.69   3776987.49   2.51287   556461.69
3776987.49   2.68369
         556481.69   3776987.49   2.91188   556421.69
3777007.49   2.51305
         556441.69   3777007.49   2.67924   556461.69
3777007.49   2.89308
         556481.69   3777007.49   3.17925   556441.69
3777027.49   2.88995
         556461.69   3777027.49   3.10424   556481.69
3777027.49   3.44020
         556251.24   3777154.95   2.33196   556261.28
3777141.20   2.36606
         556264.98   3777168.16   2.48742   556279.25
3777151.77   2.55720
         556202.60   3777113.45   1.89223   556220.05
3777109.75   1.98285

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        556187.53    3777090.19        1.75977                    556164.27
3777121.38        1.72649
        557510.26    3776508.23        1.24285                    557530.26
3776508.23        1.19680
        557550.26    3776508.23        1.15331                    557570.26
3776508.23        1.11257
        557590.26    3776508.23        1.07564                    557610.26
3776508.23        1.04260
        557630.26    3776508.23        1.00988                    557650.26
3776508.23        0.97962
        557670.26    3776508.23        0.94847                    557690.26
3776508.23        0.91725
        557510.26    3776528.23        1.25044                    557530.26
3776528.23        1.20314
        557550.26    3776528.23        1.15975                    557570.26
3776528.23        1.11721
        557590.26    3776528.23        1.08027                    557610.26
3776528.23        1.04577
        557630.26    3776528.23        1.01363                    557650.26
3776528.23        0.98344
        557670.26    3776528.23        0.95042                    557690.26
3776528.23        0.92015
        557510.26    3776548.23        1.25370                    557530.26
3776548.23        1.20851
        557550.26    3776548.23        1.16024                    557570.26
3776548.23        1.11682
        557590.26    3776548.23        1.08050                    557610.26
3776548.23        1.04502
        557630.26    3776548.23        1.01227                    557650.26
3776548.23        0.98223
        557670.26    3776548.23        0.95014                    557690.26
3776548.23        0.92078
        557510.26    3776568.23        1.25487                    557530.26
3776568.23        1.20844
        557550.26    3776568.23        1.16104                    557570.26
3776568.23        1.11539
        557590.26    3776568.23        1.07735                    557610.26
3776568.23        1.04111
        557630.26    3776568.23        1.00782                    557650.26
3776568.23        0.97873
        557670.26    3776568.23        0.94659                    557690.26
3776568.23        0.91574
        557510.26    3776588.23        1.25241                    557530.26
3776588.23        1.20694
        557550.26    3776588.23        1.15899                    557570.26
3776588.23        1.11091
        557590.26    3776588.23        1.06935                    557610.26
3776588.23        1.03279
        557630.26    3776588.23        1.00232                    557650.26
3776588.23        0.97222
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000088 , L0000089 , L0000090 , L0000091 , L0000092 ,
L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 ,
L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 ,
L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , . . . ,

*** 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
557550.26	3776628.23	1.14008	557570.26	3776628.23	1.10202
557590.26	3776628.23	1.05152	557610.26	3776628.23	1.01428
557630.26	3776628.23	0.98124	557650.26	3776628.23	0.95234
557670.26	3776588.23	0.94195	557690.26	3776588.23	0.91289
557510.26	3776608.23	1.24648	557530.26	3776608.23	1.20113
557550.26	3776608.23	1.15187	557570.26	3776608.23	1.10506
557590.26	3776608.23	1.06082	557610.26	3776608.23	1.02405
557630.26	3776608.23	0.99351	557650.26	3776608.23	0.96265
557670.26	3776608.23	0.93157	557690.26	3776608.23	0.90149
557510.26	3776628.23	1.23869	557530.26	3776628.23	1.19130

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        557670.26    3776628.23        0.92135                    557690.26
3776628.23        0.89232
        557510.26    3776648.23        1.22689                    557530.26
3776648.23        1.17548
        557550.26    3776648.23        1.12430                    557570.26
3776648.23        1.04436
        557590.26    3776648.23        1.00773                    557610.26
3776648.23        0.96542
        557630.26    3776648.23        0.93980                    557650.26
3776648.23        0.91922
        557670.26    3776648.23        0.88834                    557690.26
3776648.23        0.86673
        557510.26    3776668.23        1.15358                    557530.26
3776668.23        1.09078
        557550.26    3776668.23        1.03315                    557570.26
3776668.23        0.97781
        557590.26    3776668.23        0.95924                    557610.26
3776668.23        0.90014
        557630.26    3776668.23        0.87788                    557650.26
3776668.23        0.86357
        557670.26    3776668.23        0.83595                    557690.26
3776668.23        0.81343
        557510.26    3776688.23        1.08717                    557530.26
3776688.23        1.03532
        557550.26    3776688.23        0.96871                    557570.26
3776688.23        0.93096
        557590.26    3776688.23        0.89695                    557610.26
3776688.23        0.84254
        557630.26    3776688.23        0.82808                    557650.26
3776688.23        0.80925
        557670.26    3776688.23        0.78240                    557690.26
3776688.23        0.75583
        556172.49    3776517.81        0.41491                    556192.49
3776517.81        0.42702
        556212.49    3776517.81        0.43100                    556232.49
3776517.81        0.43937
        556252.49    3776517.81        0.44847                    556272.49
3776517.81        0.46237
        556292.49    3776517.81        0.47566                    556312.49
3776517.81        0.48766
        556332.49    3776517.81        0.50337                    556352.49
3776517.81        0.51461
        556372.49    3776517.81        0.52004                    556392.49
3776517.81        0.53686
        556412.49    3776517.81        0.54886                    556432.49
3776517.81        0.55921
        556452.49    3776517.81        0.56828                    556472.49
3776517.81        0.58689
        556492.49    3776517.81        0.60393                    556172.49
3776537.81        0.43015
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         556192.49    3776537.81        0.43922                      556212.49
3776537.81        0.44917
         556232.49    3776537.81        0.45731                      556252.49
3776537.81        0.46639
         556272.49    3776537.81        0.47515                      556292.49
3776537.81        0.49303
         556312.49    3776537.81        0.50748                      556332.49
3776537.81        0.52449
         556352.49    3776537.81        0.53774                      556372.49
3776537.81        0.54629
         556392.49    3776537.81        0.55392                      556412.49
3776537.81        0.57129
         556432.49    3776537.81        0.58563                      556452.49
3776537.81        0.59479
         556472.49    3776537.81        0.61515                      556492.49
3776537.81        0.63495
         556332.49    3776557.81        0.54966                      556352.49
3776557.81        0.55868
         556372.49    3776557.81        0.57460                      556392.49
3776557.81        0.58494
         556412.49    3776557.81        0.60309                      556432.49
3776557.81        0.61578
         556452.49    3776557.81        0.62561                      556472.49
3776557.81        0.64439
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                  L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                  L0000101    , L0000102    , L0000103    , L0000104    , L0000105
, L0000106    , L0000107    , L0000108    ,
                  L0000109    , L0000110    , L0000111    , L0000112    , L0000113
, L0000114    , L0000115    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
556492.49	3776557.81	0.66767	556332.49	3776577.81	0.57029
556352.49	3776577.81	0.58803	556372.49	3776577.81	0.60335
556392.49	3776577.81	0.62012	556412.49	3776577.81	0.63740
556432.49	3776577.81	0.64831	556452.49	3776577.81	0.66261
556472.49	3776577.81	0.68209	556492.49	3776577.81	0.70322
556332.49	3776597.81	0.60046	556352.49	3776597.81	0.61717
556372.49	3776597.81	0.63321	556392.49	3776597.81	0.64526
556412.49	3776597.81	0.66952	556432.49	3776597.81	0.68286
556452.49	3776597.81	0.69335	556472.49	3776597.81	0.71244
556492.49	3776597.81	0.74125	556252.49	3776617.81	0.56722
556272.49	3776617.81	0.57817	556292.49	3776617.81	0.59290
556312.49	3776617.81	0.61156	556332.49	3776617.81	0.62239
556352.49	3776617.81	0.64829	556372.49	3776617.81	0.67062
556392.49	3776617.81	0.68578	556412.49	3776617.81	0.70822
556432.49	3776617.81	0.72093	556452.49	3776617.81	0.74094
556472.49	3776617.81	0.75025	556492.49	3776617.81	0.78176
556252.49	3776637.81	0.59445	556272.49	3776637.81	0.61654
556292.49	3776637.81	0.62429	556312.49	3776637.81	0.63785
556332.49	3776637.81	0.66175	556352.49	3776637.81	0.67980
556372.49	3776637.81	0.70624	556392.49	3776637.81	0.72134
556412.49	3776637.81	0.74315	556432.49	3776637.81	0.76257
556452.49	3776637.81	0.77939	556472.49	3776637.81	0.80002
556492.49	3776637.81	0.82544	556252.49	3776657.81	0.62758

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         556272.49    3776657.81        0.64781                        556292.49
3776657.81        0.66671
         556312.49    3776657.81        0.66829                        556332.49
3776657.81        0.69692
         556352.49    3776657.81        0.72077                        556372.49
3776657.81        0.74576
         556392.49    3776657.81        0.75763                        556412.49
3776657.81        0.77929
         556432.49    3776657.81        0.80107                        556452.49
3776657.81        0.82368
         556472.49    3776657.81        0.84568                        556492.49
3776657.81        0.87405
         556252.49    3776677.81        0.66251                        556272.49
3776677.81        0.67160
         556292.49    3776677.81        0.69144                        556312.49
3776677.81        0.71251
         556332.49    3776677.81        0.73560                        556352.49
3776677.81        0.76213
         556372.49    3776677.81        0.78428                        556392.49
3776677.81        0.80051
         556412.49    3776677.81        0.82901                        556432.49
3776677.81        0.84469
         556452.49    3776677.81        0.86811                        556472.49
3776677.81        0.89752
         556492.49    3776677.81        0.92806                        556252.49
3776697.81        0.70025
         556272.49    3776697.81        0.71038                        556372.49
3776697.81        0.82914
         556392.49    3776697.81        0.83965                        556412.49
3776697.81        0.87023
         556432.49    3776697.81        0.89244                        556452.49
3776697.81        0.91478
         556472.49    3776697.81        0.94844                        556492.49
3776697.81        0.98557
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                 L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                 L0000101    , L0000102    , L0000103    , L0000104    , L0000105
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, L0000106   , L0000107   , L0000108   ,
                L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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
 -
- -
         556252.49   3776717.81   0.72309   556272.49
3776717.81   0.74847
         556372.49   3776717.81   0.87735   556392.49
3776717.81   0.88591
         556412.49   3776717.81   0.92016   556432.49
3776717.81   0.94455
         556452.49   3776717.81   0.96926   556472.49
3776717.81   1.01895
         556492.49   3776717.81   1.04754   556267.40
3776875.81   1.18575
         556239.03   3776853.02   1.03672   556178.76
3776751.21   0.74787
         556154.45   3776774.51   0.74646   556119.50
3776705.11   0.61385
         556146.51   3777267.93   1.88803   556151.00
3777234.88   1.87731
         556144.93   3777179.58   1.75659   556205.18
3777236.46   2.21467
         556218.00   3777200.04   2.22445   556772.00
3777345.97   17.79315

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                          *** 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
556521.71	3777341.57	9.31344	556539.90	3777344.94	9.87308
556591.78	3777345.39	11.79258	556630.62	3777349.66	12.78052
556684.29	3777349.43	15.06099	556905.58	3777351.19	53.51648
556920.93	3777350.82	50.64300	556942.87	3777350.09	42.99856
556996.26	3777348.26	22.17960	557096.81	3777357.77	7.50677
557115.83	3777363.62	6.41045	557129.36	3777361.43	5.87912
557230.65	3777363.99	3.33956	556466.22	3776816.07	1.21859
556407.87	3776826.19	1.12906	556381.07	3776807.14	1.01670
556404.29	3776771.52	0.94352	556465.21	3776739.51	0.93389
556396.10	3776739.93	0.84854	556323.99	3777265.43	3.69554
556330.60	3777233.99	3.64995	556321.08	3777200.43	3.23639
556275.11	3777267.81	3.02096	556278.28	3777233.46	2.94745
556509.40	3777373.38	7.53545	556529.40	3777373.38	8.08526
556549.40	3777373.38	8.62979	556569.40	3777373.38	9.16356
556589.40	3777373.38	9.71149	556609.40	3777373.38	10.28669
556629.40	3777373.38	10.93028	556649.40	3777373.38	11.65206
556669.40	3777373.38	12.47074	556689.40	3777373.38	13.40020
556709.40	3777373.38	14.48469	556729.40	3777373.38	15.80736
556749.40	3777373.38	17.46159	556769.40	3777373.38	19.54754
556789.40	3777373.38	22.07895	556809.40	3777373.38	24.94290
556829.40	3777373.38	27.90996	556849.40		

```
3777373.38       30.57186
         556869.40    3777373.38       32.44272                       556889.40
3777373.38       33.06693
         556909.40    3777373.38       32.10255                       556929.40
3777373.38       29.58526
         556949.40    3777373.38       25.97527                       556969.40
3777373.38       21.93238
         556989.40    3777373.38       18.11205                       557009.40
3777373.38       14.88888
         557029.40    3777373.38       12.33921                       557049.40
3777373.38       10.32916
         557069.40    3777373.38        8.73811                       557089.40
3777373.38        7.48945
         557109.40    3777373.38        6.49167                       557129.40
3777373.38        5.68571
         557149.40    3777373.38        5.02604                       557169.40
3777373.38        4.48207
         557189.40    3777373.38        4.03092                       557209.40
3777373.38        3.64713
         557229.40    3777373.38        3.31536                       557249.40
3777373.38        3.02800
         557269.40    3777373.38        2.77742                       557289.40
3777373.38        2.56165
         557309.40    3777373.38        2.37265                       557329.40
3777373.38        2.20123
         557349.40    3777373.38        2.05257                       557369.40
3777373.38        1.91757
         557389.40    3777373.38        1.79638                       557409.40
3777373.38        1.68707
         557429.40    3777373.38        1.58643                       557449.40
3777373.38        1.49698
         557469.40    3777373.38        1.41414                       557489.40
3777373.38        1.33560
         556509.40    3777393.38        6.86928                       556529.40
3777393.38        7.30825
         556549.40    3777393.38        7.74813                       556569.40
3777393.38        8.19310
         556589.40    3777393.38        8.67124                       556609.40
3777393.38        9.19053
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
```

INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000120 , L0000121 , L0000122 ,

*** 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
556629.40	3777393.38	9.77994	556649.40	3777393.38	10.43828
556669.40	3777393.38	11.18009	556689.40	3777393.38	12.01513
556709.40	3777393.38	12.96621	556729.40	3777393.38	14.06215
556749.40	3777393.38	15.33288	556769.40	3777393.38	16.79734
556789.40	3777393.38	18.40600	556809.40	3777393.38	20.02918
556829.40	3777393.38	21.49887	556849.40	3777393.38	22.59010
556869.40	3777393.38	23.19511	556889.40	3777393.38	23.25598
556909.40	3777393.38	22.56205	556929.40	3777393.38	21.20968
556949.40	3777393.38	19.18848	556969.40	3777393.38	16.90014
556989.40	3777393.38	14.59039	557009.40	3777393.38	12.48232
557029.40	3777393.38	10.65589	557049.40	3777393.38	9.14484
557069.40	3777393.38	7.90380	557089.40	3777393.38	6.88531
557109.40	3777393.38	6.04890	557129.40	3777393.38	5.34150
557149.40	3777393.38	4.76539	557169.40	3777393.38	4.27277
557189.40	3777393.38	3.85728	557209.40	3777393.38	3.50893
557229.40	3777393.38	3.20639	557249.40	3777393.38	2.93780
557269.40	3777393.38	2.70516	557289.40	3777393.38	2.49948
557309.40	3777393.38	2.31457	557329.40	3777393.38	2.15663

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         557349.40    3777393.38        2.01304                      557369.40
3777393.38        1.88465
         557389.40    3777393.38        1.76862                      557409.40
3777393.38        1.66186
         557429.40    3777393.38        1.56567                      557449.40
3777393.38        1.47902
         557469.40    3777393.38        1.39786                      557489.40
3777393.38        1.32175
         556509.40    3777413.38        6.28768                      556529.40
3777413.38        6.65219
         556549.40    3777413.38        7.02505                      556569.40
3777413.38        7.41385
         556589.40    3777413.38        7.83315                      556609.40
3777413.38        8.29908
         556629.40    3777413.38        8.82563                      556649.40
3777413.38        9.40962
         556669.40    3777413.38       10.06125                      556689.40
3777413.38       10.77856
         556709.40    3777413.38       11.56679                      556729.40
3777413.38       12.42969
         556749.40    3777413.38       13.36592                      556769.40
3777413.38       14.34852
         556789.40    3777413.38       15.32667                      556809.40
3777413.38       16.21125
         556829.40    3777413.38       16.90251                      556849.40
3777413.38       17.32776
         556869.40    3777413.38       17.51230                      556889.40
3777413.38       17.38017
         556909.40    3777413.38       16.92014                      556929.40
3777413.38       16.13015
         556949.40    3777413.38       14.88542                      556969.40
3777413.38       13.45010
         556989.40    3777413.38       11.94379                      557009.40
3777413.38       10.51842
         557029.40    3777413.38        9.21010                      557049.40
3777413.38        8.07978
         557069.40    3777413.38        7.11184                      557089.40
3777413.38        6.28818
         557109.40    3777413.38        5.59448                      557129.40
3777413.38        4.98715
         557149.40    3777413.38        4.49014                      557169.40
3777413.38        4.05168
         557189.40    3777413.38        3.68077                      557209.40
3777413.38        3.36337
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:55:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000120 , L0000121 , L0000122 ,

*** 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
557229.40	3777413.38	3.08196	557249.40	3777413.38	2.83626
557269.40	3777413.38	2.62077	557289.40	3777413.38	2.42931
557309.40	3777413.38	2.25845	557329.40	3777413.38	2.10422
557349.40	3777413.38	1.97028	557369.40	3777413.38	1.84487
557389.40	3777413.38	1.73525	557409.40	3777413.38	1.63486
557429.40	3777413.38	1.53969	557449.40	3777413.38	1.45582
557469.40	3777413.38	1.37972	557489.40	3777413.38	1.30703
556509.40	3777433.38	5.78011	556529.40	3777433.38	6.08832
556549.40	3777433.38	6.40771	556569.40	3777433.38	6.74688
556589.40	3777433.38	7.12376	556609.40	3777433.38	7.54016
556629.40	3777433.38	8.00386	556649.40	3777433.38	8.51422
556669.40	3777433.38	9.06865	556689.40	3777433.38	9.66614
556709.40	3777433.38	10.29461	556729.40	3777433.38	10.94953
556749.40	3777433.38	11.61117	556769.40	3777433.38	12.25307
556789.40	3777433.38	12.82585	556809.40	3777433.38	13.27909
556829.40	3777433.38	13.58040	556849.40		

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3777433.38       13.70467
         556869.40    3777433.38       13.71809                    556889.40
3777433.38       13.57178
         556909.40    3777433.38       13.25537                    556929.40
3777433.38       12.71506
         556949.40    3777433.38       11.95345                    556969.40
3777433.38       10.98963
         556989.40    3777433.38        9.95401                    557009.40
3777433.38        8.97223
         557029.40    3777433.38        8.01918                    557049.40
3777433.38        7.16385
         557069.40    3777433.38        6.39668                    557089.40
3777433.38        5.72729
         557109.40    3777433.38        5.15142                    557129.40
3777433.38        4.64077
         557149.40    3777433.38        4.20879                    557169.40
3777433.38        3.82200
         557189.40    3777433.38        3.49455                    557209.40
3777433.38        3.20829
         557229.40    3777433.38        2.94957                    557249.40
3777433.38        2.72902
         557269.40    3777433.38        2.52945                    557289.40
3777433.38        2.34953
         557309.40    3777433.38        2.19360                    557329.40
3777433.38        2.04845
         557349.40    3777433.38        1.91524                    557369.40
3777433.38        1.79952
         557389.40    3777433.38        1.69886                    557409.40
3777433.38        1.60365
         557429.40    3777433.38        1.51142                    557449.40
3777433.38        1.43093
         557469.40    3777433.38        1.35654                    557489.40
3777433.38        1.28795
         556509.40    3777453.38        5.33126                    556529.40
3777453.38        5.59721
         556549.40    3777453.38        5.87866                    556569.40
3777453.38        6.17812
         556589.40    3777453.38        6.51109                    556609.40
3777453.38        6.87641
         556629.40    3777453.38        7.28229                    556649.40
3777453.38        7.71802
         556669.40    3777453.38        8.17972                    556689.40
3777453.38        8.66235
         556709.40    3777453.38        9.15022                    556729.40
3777453.38        9.63608
         556749.40    3777453.38       10.09265                    556769.40
3777453.38       10.49649
         556789.40    3777453.38       10.81558                    556809.40
3777453.38       11.03238
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                          *** 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
 - - -

```
         557349.40    3777453.38        1.86753                    557369.40
3777453.38        1.75392
         557389.40    3777453.38        1.65465                    557409.40
3777453.38        1.56678
         557429.40    3777453.38        1.48251                    557449.40
3777453.38        1.40506
         557469.40    3777453.38        1.33294                    557489.40
3777453.38        1.26554
         556509.40    3777473.38        4.93269                    556529.40
3777473.38        5.16144
         556549.40    3777473.38        5.40773                    556569.40
3777473.38        5.67844
         556589.40    3777473.38        5.96901                    556609.40
3777473.38        6.28735
         556629.40    3777473.38        6.63370                    556649.40
3777473.38        7.00202
         556669.40    3777473.38        7.37947                    556689.40
3777473.38        7.75958
         556709.40    3777473.38        8.13405                    556729.40
3777473.38        8.48657
         556749.40    3777473.38        8.78871                    556769.40
3777473.38        9.03636
         556789.40    3777473.38        9.20123                    556809.40
3777473.38        9.29383
         556829.40    3777473.38        9.32034                    556849.40
3777473.38        9.29526
         556869.40    3777473.38        9.23068                    556889.40
3777473.38        9.09116
         556909.40    3777473.38        8.91385                    556929.40
3777473.38        8.63863
         556949.40    3777473.38        8.26569                    556969.40
3777473.38        7.79956
         556989.40    3777473.38        7.27353                    557009.40
3777473.38        6.72840
         557029.40    3777473.38        6.18355                    557049.40
3777473.38        5.66477
         557069.40    3777473.38        5.19189                    557089.40
3777473.38        4.75063
         557109.40    3777473.38        4.35623                    557129.40
3777473.38        3.99210
         557149.40    3777473.38        3.67527                    557169.40
3777473.38        3.37819
         557189.40    3777473.38        3.12085                    557209.40
3777473.38        2.89229
         557229.40    3777473.38        2.68440                    557249.40
3777473.38        2.50277
         557269.40    3777473.38        2.33431                    557289.40
3777473.38        2.18309
         557309.40    3777473.38        2.04789                    557329.40
3777473.38        1.92525
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                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                 L0000120   , L0000121   , L0000122   ,

                                      *** 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
 -
- -
         557429.40   3777473.38   1.44684   557449.40
3777473.38   1.37592
         557469.40   3777473.38   1.30722   557489.40
3777473.38   1.24305
         556509.40   3777493.38   4.57612   556529.40
3777493.38   4.78174
         556549.40   3777493.38   4.99845   556569.40
3777493.38   5.22669
         556589.40   3777493.38   5.48086   556609.40
3777493.38   5.75936
         556629.40   3777493.38   6.04993   556649.40
3777493.38   6.35321
         556669.40   3777493.38   6.66403   556689.40
3777493.38   6.96090
         556709.40   3777493.38   7.24055   556729.40
3777493.38   7.49308
         556749.40   3777493.38   7.68546   556769.40
3777493.38   7.83063
         556789.40   3777493.38   7.90633   556809.40
3777493.38   7.92616
         556829.40   3777493.38   7.91820   556849.40

3777493.38 7.86947
556869.40 3777493.38 7.80588 556889.40
3777493.38 7.69667
556909.40 3777493.38 7.55553 556929.40
3777493.38 7.34629
556949.40 3777493.38 7.07041 556969.40
3777493.38 6.72176
556989.40 3777493.38 6.33546 557009.40
3777493.38 5.92388
557029.40 3777493.38 5.49906 557049.40
3777493.38 5.08612
557069.40 3777493.38 4.70140 557089.40
3777493.38 4.33650
557109.40 3777493.38 4.01122 557129.40
3777493.38 3.70306
557149.40 3777493.38 3.42733 557169.40
3777493.38 3.17395
557189.40 3777493.38 2.94176 557209.40
3777493.38 2.74025
557229.40 3777493.38 2.55300 557249.40
3777493.38 2.38589
557269.40 3777493.38 2.23535 557289.40
3777493.38 2.09747
557309.40 3777493.38 1.97092 557329.40
3777493.38 1.85699
557349.40 3777493.38 1.75306 557369.40
3777493.38 1.65685
557389.40 3777493.38 1.56943 557409.40
3777493.38 1.48844
557429.40 3777493.38 1.40971 557449.40
3777493.38 1.34147
557469.40 3777493.38 1.27876 557489.40
3777493.38 1.21833
556509.40 3777513.38 4.25474 556529.40
3777513.38 4.43413
556549.40 3777513.38 4.62260 556569.40
3777513.38 4.83579
556589.40 3777513.38 5.05608 556609.40
3777513.38 5.28667
556629.40 3777513.38 5.53676 556649.40
3777513.38 5.78464
556669.40 3777513.38 6.02799 556689.40
3777513.38 6.25243
556709.40 3777513.38 6.45931 556729.40
3777513.38 6.63568
556749.40 3777513.38 6.75633 556769.40
3777513.38 6.83827
556789.40 3777513.38 6.86561 556809.40
3777513.38 6.84712
556829.40 3777513.38 6.81764 556849.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                          *** 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
 -
- -
         557029.40   3777513.38   4.91840   557049.40
3777513.38   4.59112
         557069.40   3777513.38   4.27106   557089.40
3777513.38   3.97038
         557109.40   3777513.38   3.69344   557129.40
3777513.38   3.43541
         557149.40   3777513.38   3.19940   557169.40
3777513.38   2.97972
         557189.40   3777513.38   2.77499   557209.40
3777513.38   2.59610
         557229.40   3777513.38   2.42575   557249.40
3777513.38   2.27718
         557269.40   3777513.38   2.13820   557289.40
3777513.38   2.01106
         557309.40   3777513.38   1.89685   557329.40
3777513.38   1.79151

557349.40 3777513.38 1.69395 557369.40
3777513.38 1.60369
557389.40 3777513.38 1.52194 557409.40
3777513.38 1.44662
557429.40 3777513.38 1.37430 557449.40
3777513.38 1.30820
557469.40 3777513.38 1.24749 557489.40
3777513.38 1.19114
556509.40 3777533.38 3.96344 556529.40
3777533.38 4.12321
556549.40 3777533.38 4.29079 556569.40
3777533.38 4.47005
556589.40 3777533.38 4.65957 556609.40
3777533.38 4.85892
556629.40 3777533.38 5.06318 556649.40
3777533.38 5.26433
556669.40 3777533.38 5.45046 556689.40
3777533.38 5.62428
556709.40 3777533.38 5.77830 556729.40
3777533.38 5.89716
556749.40 3777533.38 5.97170 556769.40
3777533.38 6.00973
556789.40 3777533.38 6.01408 556809.40
3777533.38 5.98156
556829.40 3777533.38 5.94777 556849.40
3777533.38 5.89147
556869.40 3777533.38 5.83699 556889.40
3777533.38 5.77023
556909.40 3777533.38 5.67347 556929.40
3777533.38 5.54524
556949.40 3777533.38 5.37947 556969.40
3777533.38 5.17120
556989.40 3777533.38 4.93754 557009.40
3777533.38 4.68827
557029.40 3777533.38 4.42339 557049.40
3777533.38 4.15863
557069.40 3777533.38 3.89797 557089.40
3777533.38 3.64696
557109.40 3777533.38 3.41140 557129.40
3777533.38 3.19394
557149.40 3777533.38 2.99079 557169.40
3777533.38 2.79639
557189.40 3777533.38 2.61737 557209.40
3777533.38 2.45865
557229.40 3777533.38 2.30349 557249.40
3777533.38 2.16956
557269.40 3777533.38 2.04279 557289.40
3777533.38 1.92788
557309.40 3777533.38 1.82230 557329.40
3777533.38 1.72499

         556629.40   3777553.38   4.63892   556649.40
3777553.38   4.80057
         556669.40   3777553.38   4.94085   556689.40
3777553.38   5.07022
         556709.40   3777553.38   5.18251   556729.40
3777553.38   5.26150
         556749.40   3777553.38   5.29848   556769.40
3777553.38   5.31335
         556789.40   3777553.38   5.30722   556809.40
3777553.38   5.27463
         556829.40   3777553.38   5.23773   556849.40

3777553.38 5.18944
556869.40 3777553.38 5.14111 556889.40
3777553.38 5.08414
556909.40 3777553.38 5.00759 556929.40
3777553.38 4.90857
556949.40 3777553.38 4.76228 556969.40
3777553.38 4.59954
556989.40 3777553.38 4.40804 557009.40
3777553.38 4.20869
557029.40 3777553.38 3.99381 557049.40
3777553.38 3.78016
557069.40 3777553.38 3.56623 557089.40
3777553.38 3.35601
557109.40 3777553.38 3.15397 557129.40
3777553.38 2.96778
557149.40 3777553.38 2.79259 557169.40
3777553.38 2.62525
557189.40 3777553.38 2.46879 557209.40
3777553.38 2.32416
557229.40 3777553.38 2.18825 557249.40
3777553.38 2.06361
557269.40 3777553.38 1.94986 557289.40
3777553.38 1.84536
557309.40 3777553.38 1.74843 557329.40
3777553.38 1.65866
557349.40 3777553.38 1.57636 557369.40
3777553.38 1.49942
557389.40 3777553.38 1.42591 557409.40
3777553.38 1.35950
557429.40 3777553.38 1.29717 557449.40
3777553.38 1.23956
557469.40 3777553.38 1.18488 557489.40
3777553.38 1.13212
557438.91 3777336.71 1.56819 556615.91
3777136.99 34.57280
556586.37 3777056.16 8.93034 556672.35
3776929.14 5.38033
556692.35 3776929.14 5.80451 556712.35
3776929.14 6.20616
556732.35 3776929.14 6.48951 556752.35
3776929.14 6.65872
556772.35 3776929.14 6.57685 556792.35
3776929.14 6.35764
556812.35 3776929.14 6.10424 556832.35
3776929.14 5.72775
556852.35 3776929.14 5.42551 556672.35
3776949.14 6.11509
556692.35 3776949.14 6.61856 556712.35
3776949.14 7.04611
556732.35 3776949.14 7.31065 556752.35

3776949.14   7.35771
         556772.35   3776949.14   7.21641   556792.35
3776949.14   6.93932
         556812.35   3776949.14   6.55685   556832.35
3776949.14   6.08580
         556852.35   3776949.14   5.72813   556672.35
3776969.14   7.03265
         556692.35   3776969.14   7.63194   556712.35
3776969.14   8.10111
         556732.35   3776969.14   8.32350   556752.35
3776969.14   8.25427
         556772.35   3776969.14   7.95037   556792.35
3776969.14   7.51737
         556812.35   3776969.14   6.99223   556832.35
3776969.14   6.46799
         556852.35   3776969.14   6.05835   556672.35
3776989.14   8.20132
         556692.35   3776989.14   8.91437   556712.35
3776989.14   9.40516

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                      *** 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
 - - -

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         556852.35    3776989.14        6.42609                    556672.35
3777009.14        9.71017
         556692.35    3777009.14       10.56791                    556712.35
3777009.14       11.03698
         556732.35    3777009.14       10.96240                    556752.35
3777009.14       10.41984
         556772.35    3777009.14        9.59677                    556792.35
3777009.14        8.73000
         556812.35    3777009.14        7.89823                    556832.35
3777009.14        7.23373
         556852.35    3777009.14        6.84522                    556672.35
3777029.14       11.75586
         556692.35    3777029.14       12.75053                    556712.35
3777029.14       13.10552
         556732.35    3777029.14       12.66135                    556752.35
3777029.14       11.67875
         556772.35    3777029.14       10.47579                    556792.35
3777029.14        9.34002
         556812.35    3777029.14        8.37453                    556832.35
3777029.14        7.69417
         556852.35    3777029.14        7.33450                    556672.35
3777049.14       14.63319
         556692.35    3777049.14       15.72373                    556712.35
3777049.14       15.73362
         556732.35    3777049.14       14.65574                    556752.35
3777049.14       13.03350
         556772.35    3777049.14       11.36861                    556792.35
3777049.14        9.95652
         556812.35    3777049.14        8.91457                    556832.35
3777049.14        8.24082
         556852.35    3777049.14        7.93616                    556927.54
3776959.53        6.33208
         556947.54    3776959.53        6.46031                    556967.54
3776959.53        6.61657
         556987.54    3776959.53        6.79823                    557007.54
3776959.53        6.91015
         557027.54    3776959.53        6.89301                    557047.54
3776959.53        6.72702
         557067.54    3776959.53        6.42337                    557087.54
3776959.53        6.01085
         556927.54    3776979.53        6.93831                    556947.54
3776979.53        7.16695
         556967.54    3776979.53        7.32978                    556987.54
3776979.53        7.53657
         557007.54    3776979.53        7.62017                    557027.54
3776979.53        7.53636
         557047.54    3776979.53        7.27179                    557067.54
3776979.53        6.85678
         557087.54    3776979.53        6.33147                    556927.54
3776999.53        7.68655
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         556947.54    3776999.53        7.89326                       556967.54
3776999.53        8.18135
         556987.54    3776999.53        8.40012                       557007.54
3776999.53        8.43422
         557027.54    3776999.53        8.24884                       557047.54
3776999.53        7.85163
         557067.54    3776999.53        7.29346                       557087.54
3776999.53        6.64259
         556927.54    3777019.53        8.61064                       556947.54
3777019.53        8.88960
         556967.54    3777019.53        9.21893                       556987.54
3777019.53        9.41829
         557007.54    3777019.53        9.36293                       557027.54
3777019.53        9.03119
         557047.54    3777019.53        8.46200                       557067.54
3777019.53        7.73677
         557087.54    3777019.53        6.94006                       556927.54
3777039.53        9.76372
         556947.54    3777039.53       10.11101                       556967.54
3777039.53       10.47643
         556987.54    3777039.53       10.61727                       557007.54
3777039.53       10.41622
         557027.54    3777039.53        9.88022                       557047.54
3777039.53        9.32443
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                        *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         557067.54    3777039.53        8.16708                       557087.54
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3777039.53 7.21531
557047.54 3777059.53 9.44925 557067.54
3777059.53 8.32242
557087.54 3777059.53 7.24223 556919.02
3777174.93 35.24200
556939.02 3777174.93 34.68835 556919.02
3777194.93 47.89141
556939.02 3777194.93 45.05075 556919.02
3777214.93 68.93671
556939.02 3777214.93 60.38770 556919.02
3777234.93 103.81638
556939.02 3777234.93 84.75385 556919.02
3777254.93 173.24652
556939.02 3777254.93 129.39760 557023.57
3777171.57 15.39238
557043.57 3777171.57 12.17132 557063.57
3777171.57 9.84743
557083.57 3777171.57 8.17595 557023.57
3777191.57 16.21613
557043.57 3777191.57 12.66748 557063.57
3777191.57 10.23088
557083.57 3777191.57 8.50600 557023.57
3777211.57 17.07740
557043.57 3777211.57 13.25730 557063.57
3777211.57 10.70098
557083.57 3777211.57 8.91021 557023.57
3777231.57 18.09565
557043.57 3777231.57 13.98071 557063.57
3777231.57 11.23116
557083.57 3777231.57 9.33154 557023.57
3777251.57 19.32819
557043.57 3777251.57 14.77998 557063.57
3777251.57 11.74082
557083.57 3777251.57 9.64964 556249.05
3776972.85 1.47617
556269.05 3776972.85 1.42341 556229.05
3776992.85 1.51384
556249.05 3776992.85 1.58887 556269.05
3776992.85 1.62446
556289.05 3776992.85 1.71548 556309.05
3776992.85 1.66097
556329.05 3776992.85 1.72583 556209.05
3777012.85 1.50034
556229.05 3777012.85 1.56300 556249.05
3777012.85 1.65240
556269.05 3777012.85 1.75519 556289.05
3777012.85 1.86841
556309.05 3777012.85 1.91244 556329.05
3777012.85 2.04429
556209.05 3777032.85 1.53776 556229.05

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3777032.85        1.62204
         556249.05    3777032.85        1.71956                       556269.05
3777032.85        1.82847
         556289.05    3777032.85        1.95474                       556309.05
3777032.85        2.08755
         556209.05    3777052.85        1.59339                       556229.05
3777052.85        1.68152
         556249.05    3777052.85        1.79219                       556269.05
3777052.85        1.90911
         556289.05    3777052.85        2.04121                       556309.05
3777052.85        2.18972
         556249.05    3777072.85        1.86033                       556269.05
3777072.85        1.99102
         556289.05    3777072.85        2.13280                       556269.05
3777092.85        2.07338
         556441.69    3776927.49        1.76325                       556461.69
3776927.49        1.88372
         556481.69    3776927.49        1.97131                       556421.69
3776947.49        1.83778
         556441.69    3776947.49        1.91441                       556461.69
3776947.49        2.05640
         556481.69    3776947.49        2.16799                       556401.69
3776967.49        1.89187
         556421.69    3776967.49        2.01084                       556441.69
3776967.49        2.09485
         556461.69    3776967.49        2.22169                       556481.69
3776967.49        2.40281
         556401.69    3776987.49        2.05184                       556421.69
3776987.49        2.16713
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                      *** 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
556441.69	3776987.49	2.32261	556461.69	3776987.49	2.47888
556481.69	3776987.49	2.68801	556421.69	3777007.49	2.35320
556441.69	3777007.49	2.50892	556461.69	3777007.49	2.70971
556481.69	3777007.49	2.97913	556441.69	3777027.49	2.74666
556461.69	3777027.49	2.95397	556481.69	3777027.49	3.28055
556251.24	3777154.95	2.22497	556261.28	3777141.20	2.24865
556264.98	3777168.16	2.39658	556279.25	3777151.77	2.45593
556202.60	3777113.45	1.75623	556220.05	3777109.75	1.84196
556187.53	3777090.19	1.62257	556164.27	3777121.38	1.61051
557510.26	3776508.23	1.28116	557530.26	3776508.23	1.22572
557550.26	3776508.23	1.17493	557570.26	3776508.23	1.12869
557590.26	3776508.23	1.08737	557610.26	3776508.23	1.05076
557630.26	3776508.23	1.01642	557650.26	3776508.23	0.98528
557670.26	3776508.23	0.95485	557690.26	3776508.23	0.92529
557510.26	3776528.23	1.28636	557530.26	3776528.23	1.23072
557550.26	3776528.23	1.18058	557570.26	3776528.23	1.13397
557590.26	3776528.23	1.09326	557610.26	3776528.23	1.05634
557630.26	3776528.23	1.02279	557650.26	3776528.23	0.99202
557670.26	3776528.23	0.96051	557690.26	3776528.23	0.93165
557510.26	3776548.23	1.28960	557530.26	3776548.23	1.23566
557550.26	3776548.23	1.18340	557570.26	3776548.23	1.13681
557590.26	3776548.23	1.09702	557610.26	3776548.23	1.05992
557630.26	3776548.23	1.02629	557650.26	3776548.23	0.99579

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         557670.26    3776548.23        0.96495                       557690.26
3776548.23        0.93669
         557510.26    3776568.23        1.29203                       557530.26
3776568.23        1.23806
         557550.26    3776568.23        1.18691                       557570.26
3776568.23        1.13958
         557590.26    3776568.23        1.09923                       557610.26
3776568.23        1.06199
         557630.26    3776568.23        1.02820                       557650.26
3776568.23        0.99841
         557670.26    3776568.23        0.96750                       557690.26
3776568.23        0.93809
         557510.26    3776588.23        1.29293                       557530.26
3776588.23        1.24024
         557550.26    3776588.23        1.18935                       557570.26
3776588.23        1.14096
         557590.26    3776588.23        1.09875                       557610.26
3776588.23        1.06150
         557630.26    3776588.23        1.02968                       557650.26
3776588.23        0.99923
         557670.26    3776588.23        0.96947                       557690.26
3776588.23        0.94111
         557510.26    3776608.23        1.29226                       557530.26
3776608.23        1.24036
         557550.26    3776608.23        1.18923                       557570.26
3776608.23        1.14207
         557590.26    3776608.23        1.09848                       557610.26
3776608.23        1.06123
         557630.26    3776608.23        1.02934                       557650.26
3776608.23        0.99825
         557670.26    3776608.23        0.96770                       557690.26
3776608.23        0.93835
         557510.26    3776628.23        1.29131                       557530.26
3776628.23        1.23886
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                          *** 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
557550.26	3776628.23	1.18698	557570.26	3776628.23	1.14566
557590.26	3776628.23	1.09816	557610.26	3776628.23	1.06061
557630.26	3776628.23	1.02698	557650.26	3776628.23	0.99699
557670.26	3776628.23	0.96623	557690.26	3776628.23	0.93726
557510.26	3776648.23	1.28868	557530.26	3776648.23	1.23429
557550.26	3776648.23	1.18266	557570.26	3776648.23	1.13439
557590.26	3776648.23	1.09505	557610.26	3776648.23	1.05635
557630.26	3776648.23	1.02356	557650.26	3776648.23	0.99373
557670.26	3776648.23	0.96208	557690.26	3776648.23	0.93301
557510.26	3776668.23	1.28173	557530.26	3776668.23	1.22798
557550.26	3776668.23	1.17657	557570.26	3776668.23	1.08477
557590.26	3776668.23	1.04921	557610.26	3776668.23	1.00965
557630.26	3776668.23	0.97719	557650.26	3776668.23	0.94857
557670.26	3776668.23	0.95686	557690.26	3776668.23	0.92727
557510.26	3776688.23	1.20216	557530.26	3776688.23	1.15296
557550.26	3776688.23	1.10609	557570.26	3776688.23	1.06368
557590.26	3776688.23	1.02570	557610.26	3776688.23	0.98902
557630.26	3776688.23	0.95696	557650.26	3776688.23	0.92848
557670.26	3776688.23	0.89868	557690.26	3776688.23	0.86901
556172.49	3776517.81	0.37623	556192.49	3776517.81	0.38697
556212.49	3776517.81	0.39063	556232.49		

```
3776517.81        0.39788
         556252.49    3776517.81        0.40557                        556272.49
3776517.81        0.41718
         556292.49    3776517.81        0.42807                        556312.49
3776517.81        0.43766
         556332.49    3776517.81        0.45025                        556352.49
3776517.81        0.45892
         556372.49    3776517.81        0.46259                        556392.49
3776517.81        0.47602
         556412.49    3776517.81        0.48548                        556432.49
3776517.81        0.49376
         556452.49    3776517.81        0.50125                        556472.49
3776517.81        0.51708
         556492.49    3776517.81        0.53186                        556172.49
3776537.81        0.38945
         556192.49    3776537.81        0.39771                        556212.49
3776537.81        0.40660
         556232.49    3776537.81        0.41378                        556252.49
3776537.81        0.42159
         556272.49    3776537.81        0.42891                        556292.49
3776537.81        0.44380
         556312.49    3776537.81        0.45552                        556332.49
3776537.81        0.46922
         556352.49    3776537.81        0.47956                        556372.49
3776537.81        0.48582
         556392.49    3776537.81        0.49129                        556412.49
3776537.81        0.50514
         556432.49    3776537.81        0.51660                        556452.49
3776537.81        0.52398
         556472.49    3776537.81        0.54111                        556492.49
3776537.81        0.55807
         556332.49    3776557.81        0.49170                        556352.49
3776557.81        0.49844
         556372.49    3776557.81        0.51089                        556392.49
3776557.81        0.51854
         556412.49    3776557.81        0.53286                        556432.49
3776557.81        0.54272
         556452.49    3776557.81        0.55044                        556472.49
3776557.81        0.56604
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
```

INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000120 , L0000121 , L0000122 ,

*** 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
556492.49	3776557.81	0.58574	556332.49	3776577.81	0.51039
556352.49	3776577.81	0.52455	556372.49	3776577.81	0.53645
556392.49	3776577.81	0.54944	556412.49	3776577.81	0.56284
556432.49	3776577.81	0.57099	556452.49	3776577.81	0.58223
556472.49	3776577.81	0.59817	556492.49	3776577.81	0.61586
556332.49	3776597.81	0.53719	556352.49	3776597.81	0.55055
556372.49	3776597.81	0.56307	556392.49	3776597.81	0.57202
556412.49	3776597.81	0.59114	556432.49	3776597.81	0.60113
556452.49	3776597.81	0.60894	556472.49	3776597.81	0.62429
556492.49	3776597.81	0.64815	556252.49	3776617.81	0.50962
556272.49	3776617.81	0.51951	556292.49	3776617.81	0.53233
556312.49	3776617.81	0.54816	556332.49	3776617.81	0.55707
556352.49	3776617.81	0.57827	556372.49	3776617.81	0.59612
556392.49	3776617.81	0.60768	556412.49	3776617.81	0.62515
556432.49	3776617.81	0.63444	556452.49	3776617.81	0.64996
556472.49	3776617.81	0.65685	556492.49	3776617.81	0.68265
556252.49	3776637.81	0.53308	556272.49	3776637.81	0.55251
556292.49	3776637.81	0.55973	556312.49	3776637.81	0.57150

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         556332.49    3776637.81        0.59158                      556352.49
3776637.81        0.60637
         556372.49    3776637.81        0.62776                      556392.49
3776637.81        0.63933
         556412.49    3776637.81        0.65621                      556432.49
3776637.81        0.67096
         556452.49    3776637.81        0.68357                      556472.49
3776637.81        0.69959
         556492.49    3776637.81        0.72000                      556252.49
3776657.81        0.56141
         556272.49    3776657.81        0.57947                      556292.49
3776657.81        0.59622
         556312.49    3776657.81        0.59826                      556332.49
3776657.81        0.62254
         556352.49    3776657.81        0.64240                      556372.49
3776657.81        0.66274
         556392.49    3776657.81        0.67174                      556412.49
3776657.81        0.68851
         556432.49    3776657.81        0.70511                      556452.49
3776657.81        0.72233
         556472.49    3776657.81        0.73920                      556492.49
3776657.81        0.76170
         556252.49    3776677.81        0.59123                      556272.49
3776677.81        0.60012
         556292.49    3776677.81        0.61789                      556312.49
3776677.81        0.63646
         556332.49    3776677.81        0.65639                      556352.49
3776677.81        0.67873
         556372.49    3776677.81        0.69697                      556392.49
3776677.81        0.70980
         556412.49    3776677.81        0.73232                      556432.49
3776677.81        0.74382
         556452.49    3776677.81        0.76155                      556472.49
3776677.81        0.78426
         556492.49    3776677.81        0.80817                      556252.49
3776697.81        0.62348
         556272.49    3776697.81        0.63331                      556372.49
3776697.81        0.73654
         556392.49    3776697.81        0.74491                      556412.49
3776697.81        0.76931
         556432.49    3776697.81        0.78628                      556452.49
3776697.81        0.80300
         556472.49    3776697.81        0.82896                      556492.49
3776697.81        0.85794
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:55:36
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S):   L0000083   , L0000084   , L0000085   , L0000086   , L0000087   ,
L0000120   , L0000121   , L0000122   ,

*** 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
556252.49	3776717.81	0.64332	556272.49	3776717.81	0.66605
556372.49	3776717.81	0.77897	556392.49	3776717.81	0.78606
556412.49	3776717.81	0.81375	556432.49	3776717.81	0.83267
556452.49	3776717.81	0.85133	556472.49	3776717.81	0.89029
556492.49	3776717.81	0.91189	556267.40	3776875.81	1.06470
556239.03	3776853.02	0.92953	556178.76	3776751.21	0.66452
556154.45	3776774.51	0.66672	556119.50	3776705.11	0.54645
556146.51	3777267.93	1.92558	556151.00	3777234.88	1.90334
556144.93	3777179.58	1.74470	556205.18	3777236.46	2.27142
556218.00	3777200.04	2.20459	556772.00	3777345.97	23.94682

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE   ***

INCLUDING SOURCE(S): L0000025 , L0000026
,

*** 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
556521.71	3777341.57	6.18456	556539.90	3777344.94	6.71998
556591.78	3777345.39	8.79404	556630.62	3777349.66	10.69533
556684.29	3777349.43	14.20907	556905.58	3777351.19	16.36538
556920.93	3777350.82	15.18676	556942.87	3777350.09	13.52734
556996.26	3777348.26	9.93883	557096.81	3777357.77	5.38617
557115.83	3777363.62	4.80988	557129.36	3777361.43	4.54128
557230.65	3777363.99	2.95696	556466.22	3776816.07	1.14561
556407.87	3776826.19	1.06509	556381.07	3776807.14	0.96980
556404.29	3776771.52	0.90353	556465.21	3776739.51	0.90739
556396.10	3776739.93	0.81931	556323.99	3777265.43	2.73541
556330.60	3777233.99	2.72841	556321.08	3777200.43	2.54475
556275.11	3777267.81	2.32883	556278.28	3777233.46	2.29095
556509.40	3777373.38	5.50317	556529.40	3777373.38	6.00425
556549.40	3777373.38	6.56795	556569.40	3777373.38	7.19665
556589.40	3777373.38	7.90269	556609.40	3777373.38	8.67530
556629.40	3777373.38	9.52118	556649.40	3777373.38	10.41578
556669.40	3777373.38	11.35095	556689.40	3777373.38	12.28652
556709.40	3777373.38	13.15747	556729.40	3777373.38	13.90009
556749.40	3777373.38	14.48001	556769.40		

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3777373.38       14.83383
         556789.40    3777373.38       15.03069                       556809.40
3777373.38       15.13680
         556829.40    3777373.38       15.12405                       556849.40
3777373.38       14.93703
         556869.40    3777373.38       14.53728                       556889.40
3777373.38       13.83889
         556909.40    3777373.38       12.91776                       556929.40
3777373.38       11.86572
         556949.40    3777373.38       10.79359                       556969.40
3777373.38        9.76288
         556989.40    3777373.38        8.79673                       557009.40
3777373.38        7.91417
         557029.40    3777373.38        7.13581                       557049.40
3777373.38        6.43976
         557069.40    3777373.38        5.81578                       557089.40
3777373.38        5.27250
         557109.40    3777373.38        4.79501                       557129.40
3777373.38        4.37596
         557149.40    3777373.38        4.00698                       557169.40
3777373.38        3.68321
         557189.40    3777373.38        3.40039                       557209.40
3777373.38        3.14718
         557229.40    3777373.38        2.91747                       557249.40
3777373.38        2.71024
         557269.40    3777373.38        2.52295                       557289.40
3777373.38        2.35751
         557309.40    3777373.38        2.20887                       557329.40
3777373.38        2.06975
         557349.40    3777373.38        1.94738                       557369.40
3777373.38        1.83361
         557389.40    3777373.38        1.72973                       557409.40
3777373.38        1.63456
         557429.40    3777373.38        1.54536                       557449.40
3777373.38        1.46548
         557469.40    3777373.38        1.39041                       557489.40
3777373.38        1.31803
         556509.40    3777393.38        5.26325                       556529.40
3777393.38        5.70734
         556549.40    3777393.38        6.19914                       556569.40
3777393.38        6.73724
         556589.40    3777393.38        7.33260                       556609.40
3777393.38        7.96642
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0000025 , L0000026 ,

*** 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
556629.40	3777393.38	8.64180	556649.40	3777393.38	9.32013
556669.40	3777393.38	9.99333	556689.40	3777393.38	10.63055
556709.40	3777393.38	11.20665	556729.40	3777393.38	11.65651
556749.40	3777393.38	11.99172	556769.40	3777393.38	12.18136
556789.40	3777393.38	12.27249	556809.40	3777393.38	12.32717
556829.40	3777393.38	12.31348	556849.40	3777393.38	12.16276
556869.40	3777393.38	11.88078	556889.40	3777393.38	11.44572
556909.40	3777393.38	10.80537	556929.40	3777393.38	10.07845
556949.40	3777393.38	9.27664	556969.40	3777393.38	8.50798
556989.40	3777393.38	7.77279	557009.40	3777393.38	7.08451
557029.40	3777393.38	6.44308	557049.40	3777393.38	5.86717
557069.40	3777393.38	5.35088	557089.40	3777393.38	4.88969
557109.40	3777393.38	4.48064	557129.40	3777393.38	4.10558
557149.40	3777393.38	3.78323	557169.40	3777393.38	3.48948
557189.40	3777393.38	3.22919	557209.40	3777393.38	3.00238
557229.40	3777393.38	2.79667	557249.40	3777393.38	2.60568
557269.40	3777393.38	2.43517	557289.40		

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3777393.38        2.27960
         557309.40    3777393.38        2.13524                     557329.40
3777393.38        2.01032
         557349.40    3777393.38        1.89374                     557369.40
3777393.38        1.78752
         557389.40    3777393.38        1.68977                     557409.40
3777393.38        1.59797
         557429.40    3777393.38        1.51422                     557449.40
3777393.38        1.43797
         557469.40    3777393.38        1.36532                     557489.40
3777393.38        1.29616
         556509.40    3777413.38        5.00841                     556529.40
3777413.38        5.40066
         556549.40    3777413.38        5.82913                     556569.40
3777413.38        6.29074
         556589.40    3777413.38        6.78104                     556609.40
3777413.38        7.29247
         556629.40    3777413.38        7.81760                     556649.40
3777413.38        8.32319
         556669.40    3777413.38        8.80850                     556689.40
3777413.38        9.24373
         556709.40    3777413.38        9.60963                     556729.40
3777413.38        9.88141
         556749.40    3777413.38       10.05584                     556769.40
3777413.38       10.18150
         556789.40    3777413.38       10.22930                     556809.40
3777413.38       10.26835
         556829.40    3777413.38       10.24551                     556849.40
3777413.38       10.14324
         556869.40    3777413.38        9.96161                     556889.40
3777413.38        9.63449
         556909.40    3777413.38        9.19086                     556929.40
3777413.38        8.68052
         556949.40    3777413.38        8.06829                     556969.40
3777413.38        7.47041
         556989.40    3777413.38        6.88828                     557009.40
3777413.38        6.34442
         557029.40    3777413.38        5.82478                     557049.40
3777413.38        5.35219
         557069.40    3777413.38        4.92083                     557089.40
3777413.38        4.52856
         557109.40    3777413.38        4.17761                     557129.40
3777413.38        3.84707
         557149.40    3777413.38        3.56574                     557169.40
3777413.38        3.30174
         557189.40    3777413.38        3.06929                     557209.40
3777413.38        2.86275
↟ *** AERMOD - VERSION 23132  ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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
 - - -

```
3777433.38        8.68531
         556829.40    3777433.38        8.66956                    556849.40
3777433.38        8.58651
         556869.40    3777433.38        8.45546                    556889.40
3777433.38        8.22466
         556909.40    3777433.38        7.90966                    556929.40
3777433.38        7.51775
         556949.40    3777433.38        7.08024                    556969.40
3777433.38        6.60548
         556989.40    3777433.38        6.13706                    557009.40
3777433.38        5.71127
         557029.40    3777433.38        5.28973                    557049.40
3777433.38        4.90000
         557069.40    3777433.38        4.53218                    557089.40
3777433.38        4.19496
         557109.40    3777433.38        3.89106                    557129.40
3777433.38        3.60550
         557149.40    3777433.38        3.35483                    557169.40
3777433.38        3.11798
         557189.40    3777433.38        2.91127                    557209.40
3777433.38        2.72388
         557229.40    3777433.38        2.54712                    557249.40
3777433.38        2.39324
         557269.40    3777433.38        2.24911                    557289.40
3777433.38        2.11520
         557309.40    3777433.38        1.99730                    557329.40
3777433.38        1.88399
         557349.40    3777433.38        1.77737                    557369.40
3777433.38        1.68386
         557389.40    3777433.38        1.60196                    557409.40
3777433.38        1.52257
         557429.40    3777433.38        1.44350                    557449.40
3777433.38        1.37427
         557469.40    3777433.38        1.30941                    557489.40
3777433.38        1.24891
         556509.40    3777453.38        4.48970                    556529.40
3777453.38        4.78492
         556549.40    3777453.38        5.09670                    556569.40
3777453.38        5.41487
         556589.40    3777453.38        5.74186                    556609.40
3777453.38        6.06069
         556629.40    3777453.38        6.37086                    556649.40
3777453.38        6.64807
         556669.40    3777453.38        6.88477                    556689.40
3777453.38        7.08007
         556709.40    3777453.38        7.22028                    556729.40
3777453.38        7.32619
         556749.40    3777453.38        7.39017                    556769.40
3777453.38        7.42883
         556789.40    3777453.38        7.44879                    556809.40
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                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                                *** 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
 -
- -
         556829.40   3777453.38   7.45573   556849.40
3777453.38   7.39769
         556869.40   3777453.38   7.30116   556889.40
3777453.38   7.11174
         556909.40   3777453.38   6.87968   556929.40
3777453.38   6.57045
         556949.40   3777453.38   6.23873   556969.40
3777453.38   5.87704
         556989.40   3777453.38   5.50530   557009.40
3777453.38   5.14219
         557029.40   3777453.38   4.79898   557049.40
3777453.38   4.47515
         557069.40   3777453.38   4.17422   557089.40
3777453.38   3.88877
         557109.40   3777453.38   3.62626   557129.40
3777453.38   3.37887
         557149.40   3777453.38   3.15684   557169.40
3777453.38   2.94311
         557189.40   3777453.38   2.75695   557209.40
3777453.38   2.58922
         557229.40   3777453.38   2.42891   557249.40
3777453.38   2.28896
         557269.40   3777453.38   2.15596   557289.40
3777453.38   2.03359
         557309.40   3777453.38   1.92362   557329.40

3777453.38 1.81997
557349.40 3777453.38 1.72484 557369.40
3777453.38 1.63290
557389.40 3777453.38 1.55196 557409.40
3777453.38 1.47973
557429.40 3777453.38 1.40876 557449.40
3777453.38 1.34266
557469.40 3777453.38 1.28021 557489.40
3777453.38 1.22106
556509.40 3777473.38 4.23432 556529.40
3777473.38 4.48354
556549.40 3777473.38 4.74321 556569.40
3777473.38 5.01059
556589.40 3777473.38 5.26827 556609.40
3777473.38 5.51500
556629.40 3777473.38 5.74457 556649.40
3777473.38 5.94756
556669.40 3777473.38 6.10987 556689.40
3777473.38 6.23398
556709.40 3777473.38 6.32752 556729.40
3777473.38 6.39517
556749.40 3777473.38 6.42886 556769.40
3777473.38 6.45863
556789.40 3777473.38 6.47088 556809.40
3777473.38 6.48127
556829.40 3777473.38 6.47702 556849.40
3777473.38 6.44378
556869.40 3777473.38 6.36969 556889.40
3777473.38 6.22200
556909.40 3777473.38 6.04506 556929.40
3777473.38 5.81620
556949.40 3777473.38 5.55403 556969.40
3777473.38 5.26658
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3777473.38 4.67521
557029.40 3777473.38 4.38597 557049.40
3777473.38 4.10935
557069.40 3777473.38 3.85412 557089.40
3777473.38 3.60794
557109.40 3777473.38 3.38192 557129.40
3777473.38 3.16440
557149.40 3777473.38 2.97075 557169.40
3777473.38 2.78057
557189.40 3777473.38 2.61236 557209.40
3777473.38 2.45900
557229.40 3777473.38 2.31516 557249.40
3777473.38 2.18726
557269.40 3777473.38 2.06487 557289.40
3777473.38 1.95269
557309.40 3777473.38 1.85062 557329.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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
 - - -

3777493.38 5.66001
556869.40 3777493.38 5.60450 556889.40
3777493.38 5.49590
556909.40 3777493.38 5.35751 556929.40
3777493.38 5.17777
556949.40 3777493.38 4.97148 556969.40
3777493.38 4.73920
556989.40 3777493.38 4.50262 557009.40
3777493.38 4.26291
557029.40 3777493.38 4.02018 557049.40
3777493.38 3.78520
557069.40 3777493.38 3.56524 557089.40
3777493.38 3.35152
557109.40 3777493.38 3.15836 557129.40
3777493.38 2.96829
557149.40 3777493.38 2.79431 557169.40
3777493.38 2.62937
557189.40 3777493.38 2.47369 557209.40
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557229.40 3777493.38 2.20539 557249.40
3777493.38 2.08604
557269.40 3777493.38 1.97642 557289.40
3777493.38 1.87381
557309.40 3777493.38 1.77766 557329.40
3777493.38 1.68983
557349.40 3777493.38 1.60840 557369.40
3777493.38 1.53166
557389.40 3777493.38 1.46106 557409.40
3777493.38 1.39465
557429.40 3777493.38 1.32856 557449.40
3777493.38 1.27128
557469.40 3777493.38 1.21812 557489.40
3777493.38 1.16597
556509.40 3777513.38 3.74585 556529.40
3777513.38 3.92502
556549.40 3777513.38 4.09820 556569.40
3777513.38 4.27706
556589.40 3777513.38 4.43482 556609.40
3777513.38 4.57216
556629.40 3777513.38 4.70163 556649.40
3777513.38 4.80107
556669.40 3777513.38 4.87728 556689.40
3777513.38 4.92639
556709.40 3777513.38 4.96659 556729.40
3777513.38 5.00015
556749.40 3777513.38 5.01247 556769.40
3777513.38 5.03247
556789.40 3777513.38 5.04138 556809.40
3777513.38 5.03895
556829.40 3777513.38 5.03984 556849.40

3777513.38   5.01588
         556869.40   3777513.38   4.97271   556889.40
3777513.38   4.89314
         556909.40   3777513.38   4.77692   556929.40
3777513.38   4.64007
         556949.40   3777513.38   4.47638   556969.40
3777513.38   4.28902
         556989.40   3777513.38   4.09244   557009.40
3777513.38   3.89606

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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
 - - -

3777513.38 1.47917
557389.40 3777513.38 1.41321 557409.40
3777513.38 1.35168
557429.40 3777513.38 1.29145 557449.40
3777513.38 1.23591
557469.40 3777513.38 1.18443 557489.40
3777513.38 1.13619
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3777533.38 3.66594
556549.40 3777533.38 3.80836 556569.40
3777533.38 3.94242
556589.40 3777533.38 4.06342 556609.40
3777533.38 4.17048
556629.40 3777533.38 4.26056 556649.40
3777533.38 4.33046
556669.40 3777533.38 4.37612 556689.40
3777533.38 4.41259
556709.40 3777533.38 4.44440 556729.40
3777533.38 4.46725
556749.40 3777533.38 4.47974 556769.40
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556789.40 3777533.38 4.50590 556809.40
3777533.38 4.50363
556829.40 3777533.38 4.50571 556849.40
3777533.38 4.48065
556869.40 3777533.38 4.44391 556889.40
3777533.38 4.38443
556909.40 3777533.38 4.29429 556929.40
3777533.38 4.18147
556949.40 3777533.38 4.04827 556969.40
3777533.38 3.89453
556989.40 3777533.38 3.73339 557009.40
3777533.38 3.56977
557029.40 3777533.38 3.40026 557049.40
3777533.38 3.23334
557069.40 3777533.38 3.06913 557089.40
3777533.38 2.90979
557109.40 3777533.38 2.75864 557129.40
3777533.38 2.61734
557149.40 3777533.38 2.48275 557169.40
3777533.38 2.35020
557189.40 3777533.38 2.22577 557209.40
3777533.38 2.11437
557229.40 3777533.38 2.00184 557249.40
3777533.38 1.90435
557269.40 3777533.38 1.80990 557289.40
3777533.38 1.72318
557309.40 3777533.38 1.64230 557329.40
3777533.38 1.56668
557349.40 3777533.38 1.49610 557369.40

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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
 -
- -
         556629.40   3777553.38   3.87443   556649.40
3777553.38   3.92333
         556669.40   3777553.38   3.94915   556689.40
3777553.38   3.97308
         556709.40   3777553.38   3.99802   556729.40
3777553.38   4.01561
         556749.40   3777553.38   4.02138   556769.40
3777553.38   4.03469
         556789.40   3777553.38   4.05001   556809.40
3777553.38   4.05228
         556829.40   3777553.38   4.05132   556849.40
3777553.38   4.03227
         556869.40   3777553.38   4.00166   556889.40

3777553.38 3.95350
556909.40 3777553.38 3.88376 556929.40
3777553.38 3.79653
556949.40 3777553.38 3.67683 556969.40
3777553.38 3.55286
556989.40 3777553.38 3.41500 557009.40
3777553.38 3.27814
557029.40 3777553.38 3.13426 557049.40
3777553.38 2.99397
557069.40 3777553.38 2.85404 557089.40
3777553.38 2.71586
557109.40 3777553.38 2.58175 557129.40
3777553.38 2.45738
557149.40 3777553.38 2.33859 557169.40
3777553.38 2.22260
557189.40 3777553.38 2.11216 557209.40
3777553.38 2.00841
557229.40 3777553.38 1.90900 557249.40
3777553.38 1.81655
557269.40 3777553.38 1.73112 557289.40
3777553.38 1.65161
557309.40 3777553.38 1.57680 557329.40
3777553.38 1.50660
557349.40 3777553.38 1.44158 557369.40
3777553.38 1.37997
557389.40 3777553.38 1.32012 557409.40
3777553.38 1.26573
557429.40 3777553.38 1.21408 557449.40
3777553.38 1.16594
557469.40 3777553.38 1.11968 557489.40
3777553.38 1.07440
557438.91 3777336.71 1.55293 556615.91
3777136.99 9.10063
556586.37 3777056.16 5.72665 556672.35
3776929.14 4.94425
556692.35 3776929.14 5.27672 556712.35
3776929.14 5.63018
556732.35 3776929.14 5.99832 556752.35
3776929.14 6.39638
556772.35 3776929.14 6.80406 556792.35
3776929.14 7.26235
556812.35 3776929.14 7.82333 556832.35
3776929.14 8.46868
556852.35 3776929.14 9.26042 556672.35
3776949.14 5.40822
556692.35 3776949.14 5.80638 556712.35
3776949.14 6.22906
556732.35 3776949.14 6.67449 556752.35
3776949.14 7.14298
556772.35 3776949.14 7.65222 556792.35

3776949.14   8.23064
         556812.35   3776949.14   8.90653   556832.35
3776949.14   9.69463
         556852.35   3776949.14   10.66457   556672.35
3776969.14   5.93459
         556692.35   3776969.14   6.41468   556712.35
3776969.14   6.93126
         556732.35   3776969.14   7.48005   556752.35
3776969.14   8.05973
         556772.35   3776969.14   8.68654   556792.35
3776969.14   9.39887
         556812.35   3776969.14   10.22646   556832.35
3776969.14   11.22598
         556852.35   3776969.14   12.43098   556672.35
3776989.14   6.53246
         556692.35   3776989.14   7.11532   556712.35
3776989.14   7.75208
 *** AERMOD - VERSION 23132 ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   16:55:36

                                 PAGE 52
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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
 - - -

3777009.14 8.71686
556732.35 3777009.14 9.58014 556752.35
3777009.14 10.51490
556772.35 3777009.14 11.52596 556792.35
3777009.14 12.66561
556812.35 3777009.14 13.98622 556832.35
3777009.14 15.63006
556852.35 3777009.14 17.65864 556672.35
3777029.14 7.97761
556692.35 3777029.14 8.85845 556712.35
3777029.14 9.85793
556732.35 3777029.14 10.95972 556752.35
3777029.14 12.17714
556772.35 3777029.14 13.50812 556792.35
3777029.14 14.99730
556812.35 3777029.14 16.73285 556832.35
3777029.14 18.93667
556852.35 3777029.14 21.63751 556672.35
3777049.14 8.85226
556692.35 3777049.14 9.94312 556712.35
3777049.14 11.20909
556732.35 3777049.14 12.63870 556752.35
3777049.14 14.25397
556772.35 3777049.14 16.05264 556792.35
3777049.14 18.05645
556812.35 3777049.14 20.43175 556832.35
3777049.14 23.46465
556852.35 3777049.14 27.16736 556927.54
3776959.53 14.85518
556947.54 3776959.53 14.52959 556967.54
3776959.53 13.64610
556987.54 3776959.53 12.37519 557007.54
3776959.53 10.91998
557027.54 3776959.53 9.45970 557047.54
3776959.53 8.11905
557067.54 3776959.53 6.96060 557087.54
3776959.53 5.99839
556927.54 3776979.53 17.12170 556947.54
3776979.53 16.38970
556967.54 3776979.53 15.01751 556987.54
3776979.53 13.28203
557007.54 3776979.53 11.46057 557027.54
3776979.53 9.75180
557047.54 3776979.53 8.26772 557067.54
3776979.53 7.04269
557087.54 3776979.53 6.05878 556927.54
3776999.53 19.82452
556947.54 3776999.53 18.47332 556967.54
3776999.53 16.44163
556987.54 3776999.53 14.14723 557007.54

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3776999.53       11.93102
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3776999.53        8.39315
         557067.54    3776999.53        7.12806                       557087.54
3776999.53        6.14084
         556927.54    3777019.53       23.02279                       556947.54
3777019.53       20.75278
         556967.54    3777019.53       17.86239                       556987.54
3777019.53       14.92939
         557007.54    3777019.53       12.32264                       557027.54
3777019.53       10.18819
         557047.54    3777019.53        8.52001                       557067.54
3777019.53        7.24200
         557087.54    3777019.53        6.26107                       556927.54
3777039.53       26.75448
         556947.54    3777039.53       23.16261                       556967.54
3777039.53       19.20660
         556987.54    3777039.53       15.59807                       557007.54
3777039.53       12.64719
         557027.54    3777039.53       10.38040                       557047.54
3777039.53        8.68212
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE     ***
                                  INCLUDING SOURCE(S):     L0000025    , L0000026
,

                                       *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         557067.54    3777039.53        7.40655                       557087.54
3777039.53        6.43188
         557047.54    3777059.53        8.91269                       557067.54
3777059.53        7.64057
         557087.54    3777059.53        6.65881                       556919.02
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3777174.93 68.87098
556939.02 3777174.93 45.23921 556919.02
3777194.93 75.48222
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3777214.93 71.14756
556939.02 3777214.93 46.48033 556919.02
3777234.93 60.72029
556939.02 3777234.93 41.71519 556919.02
3777254.93 47.94501
556939.02 3777254.93 35.34986 557023.57
3777171.57 14.18722
557043.57 3777171.57 11.70557 557063.57
3777171.57 9.82965
557083.57 3777171.57 8.38775 557023.57
3777191.57 14.45636
557043.57 3777191.57 11.86931 557063.57
3777191.57 9.93150
557083.57 3777191.57 8.46090 557023.57
3777211.57 14.39140
557043.57 3777211.57 11.83769 557063.57
3777211.57 9.92409
557083.57 3777211.57 8.41318 557023.57
3777231.57 13.99340
557043.57 3777231.57 11.58261 557063.57
3777231.57 9.75642
557083.57 3777231.57 8.25097 557023.57
3777251.57 13.28924
557043.57 3777251.57 11.10600 557063.57
3777251.57 9.43097
557083.57 3777251.57 7.97690 556249.05
3776972.85 1.23095
556269.05 3776972.85 1.27480 556229.05
3776992.85 1.24556
556249.05 3776992.85 1.27100 556269.05
3776992.85 1.33259
556289.05 3776992.85 1.38587 556309.05
3776992.85 1.44911
556329.05 3776992.85 1.49283 556209.05
3777012.85 1.45838
556229.05 3777012.85 1.27223 556249.05
3777012.85 1.32215
556269.05 3777012.85 1.38767 556289.05
3777012.85 1.45853
556309.05 3777012.85 1.51672 556329.05
3777012.85 1.60047
556209.05 3777032.85 1.49228 556229.05
3777032.85 1.44324
556249.05 3777032.85 1.37938 556269.05
3777032.85 1.44473
556289.05 3777032.85 1.52990 556309.05

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3777032.85        1.60371
         556209.05    3777052.85        1.52842                        556229.05
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3777052.85        1.64879
         556289.05    3777052.85        1.73942                        556309.05
3777052.85        1.83936
         556249.05    3777072.85        1.73527                        556269.05
3777072.85        1.83244
         556289.05    3777072.85        1.93790                        556269.05
3777092.85        1.88145
         556441.69    3776927.49        1.56265                        556461.69
3776927.49        1.65632
         556481.69    3776927.49        1.72254                        556421.69
3776947.49        1.60655
         556441.69    3776947.49        1.66509                        556461.69
3776947.49        1.77273
         556481.69    3776947.49        1.85538                        556401.69
3776967.49        1.62906
         556421.69    3776967.49        1.71906                        556441.69
3776967.49        1.78059
         556461.69    3776967.49        1.87334                        556481.69
3776967.49        2.00460
         556401.69    3776987.49        1.72852                        556421.69
3776987.49        1.81033
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE     ***
                                  INCLUDING SOURCE(S):     L0000025    , L0000026
,

                                       *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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3776987.49        2.03039
         556481.69    3776987.49        2.17566                    556421.69
3777007.49        1.91693
         556441.69    3777007.49        2.02034                    556461.69
3777007.49        2.15392
         556481.69    3777007.49        2.33255                    556441.69
3777027.49        2.14731
         556461.69    3777027.49        2.27334                    556481.69
3777027.49        2.47656
         556251.24    3777154.95        1.93628                    556261.28
3777141.20        1.96047
         556264.98    3777168.16        2.04741                    556279.25
3777151.77        2.09496
         556202.60    3777113.45        1.61563                    556220.05
3777109.75        1.68367
         556187.53    3777090.19        1.51552                    556164.27
3777121.38        1.48163
         557510.26    3776508.23        1.32635                    557530.26
3776508.23        1.27538
         557550.26    3776508.23        1.22796                    557570.26
3776508.23        1.18396
         557590.26    3776508.23        1.14425                    557610.26
3776508.23        1.10876
         557630.26    3776508.23        1.07390                    557650.26
3776508.23        1.04167
         557670.26    3776508.23        1.00869                    557690.26
3776508.23        0.97572
         557510.26    3776528.23        1.33575                    557530.26
3776528.23        1.28393
         557550.26    3776528.23        1.23680                    557570.26
3776528.23        1.19121
         557590.26    3776528.23        1.15150                    557610.26
3776528.23        1.11454
         557630.26    3776528.23        1.08016                    557650.26
3776528.23        1.04788
         557670.26    3776528.23        1.01293                    557690.26
3776528.23        0.98076
         557510.26    3776548.23        1.34164                    557530.26
3776548.23        1.29202
         557550.26    3776548.23        1.24039                    557570.26
3776548.23        1.19394
         557590.26    3776548.23        1.15474                    557610.26
3776548.23        1.11671
         557630.26    3776548.23        1.08158                    557650.26
3776548.23        1.04925
         557670.26    3776548.23        1.01505                    557690.26
3776548.23        0.98362
         557510.26    3776568.23        1.34609                    557530.26
3776568.23        1.29539
         557550.26    3776568.23        1.24460                    557570.26
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3776568.23        1.19598
         557590.26    3776568.23        1.15499                        557610.26
3776568.23        1.11605
         557630.26    3776568.23        1.08018                        557650.26
3776568.23        1.04856
         557670.26    3776568.23        1.01411                        557690.26
3776568.23        0.98102
         557510.26    3776588.23        1.34758                        557530.26
3776588.23        1.29776
         557550.26    3776588.23        1.24625                        557570.26
3776588.23        1.19496
         557590.26    3776588.23        1.15025                        557610.26
3776588.23        1.11072
         557630.26    3776588.23        1.07748                        557650.26
3776588.23        1.04473
         557670.26    3776588.23        1.01190                        557690.26
3776588.23        0.98038
         557510.26    3776608.23        1.34548                        557530.26
3776608.23        1.29565
         557550.26    3776608.23        1.24237                        557570.26
3776608.23        1.19171
         557590.26    3776608.23        1.14371                        557610.26
3776608.23        1.10370
         557630.26    3776608.23        1.07042                        557650.26
3776608.23        1.03684
         557670.26    3776608.23        1.00303                        557690.26
3776608.23        0.97030
         557510.26    3776628.23        1.34014                        557530.26
3776628.23        1.28802
↟ *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE     ***
                                  INCLUDING SOURCE(S):     L0000025    , L0000026
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
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3776517.81        0.46369
         556372.49    3776517.81        0.46892                       556392.49
3776517.81        0.48438
         556412.49    3776517.81        0.49562                       556432.49
3776517.81        0.50537
         556452.49    3776517.81        0.51391                       556472.49
3776517.81        0.53076
         556492.49    3776517.81        0.54592                       556172.49
3776537.81        0.38872
         556192.49    3776537.81        0.39629                       556212.49
3776537.81        0.40472
         556232.49    3776537.81        0.41162                       556252.49
3776537.81        0.41943
         556272.49    3776537.81        0.42705                       556292.49
3776537.81        0.44279
         556312.49    3776537.81        0.45559                       556332.49
3776537.81        0.47076
         556352.49    3776537.81        0.48275                       556372.49
3776537.81        0.49072
         556392.49    3776537.81        0.49796                       556412.49
3776537.81        0.51392
         556432.49    3776537.81        0.52722                       556452.49
3776537.81        0.53590
         556472.49    3776537.81        0.55434                       556492.49
3776537.81        0.57203
         556332.49    3776557.81        0.49151                       556352.49
3776557.81        0.49969
         556372.49    3776557.81        0.51405                       556392.49
3776557.81        0.52365
         556412.49    3776557.81        0.54023                       556432.49
3776557.81        0.55207
         556452.49    3776557.81        0.56137                       556472.49
3776557.81        0.57846
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:55:36

                                PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE    ***
                                 INCLUDING SOURCE(S):     L0000025    , L0000026
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
556492.49	3776557.81	0.59928	556332.49	3776577.81	0.50811
556352.49	3776577.81	0.52378	556372.49	3776577.81	0.53751
556392.49	3776577.81	0.55265	556412.49	3776577.81	0.56839
556432.49	3776577.81	0.57866	556452.49	3776577.81	0.59192
556472.49	3776577.81	0.60965	556492.49	3776577.81	0.62863
556332.49	3776597.81	0.53282	556352.49	3776597.81	0.54743
556372.49	3776597.81	0.56165	556392.49	3776597.81	0.57258
556412.49	3776597.81	0.59427	556432.49	3776597.81	0.60662
556452.49	3776597.81	0.61656	556472.49	3776597.81	0.63396
556492.49	3776597.81	0.65969	556252.49	3776617.81	0.50441
556272.49	3776617.81	0.51318	556292.49	3776617.81	0.52536
556312.49	3776617.81	0.54108	556332.49	3776617.81	0.55024
556352.49	3776617.81	0.57255	556372.49	3776617.81	0.59198
556392.49	3776617.81	0.60548	556412.49	3776617.81	0.62544
556432.49	3776617.81	0.63721	556452.49	3776617.81	0.65538
556472.49	3776617.81	0.66433	556492.49	3776617.81	0.69239
556252.49	3776637.81	0.52749	556272.49	3776637.81	0.54561
556292.49	3776637.81	0.55141	556312.49	3776637.81	0.56243
556332.49	3776637.81	0.58250	556352.49	3776637.81	0.59778
556372.49	3776637.81	0.62047	556392.49	3776637.81	0.63372
556412.49	3776637.81	0.65294	556432.49	3776637.81	0.67037
556452.49	3776637.81	0.68573	556472.49		

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3776637.81        0.70445
         556492.49    3776637.81        0.72725                        556252.49
3776657.81        0.55579
         556272.49    3776657.81        0.57198                        556292.49
3776657.81        0.58707
         556312.49    3776657.81        0.58733                        556332.49
3776657.81        0.61110
         556352.49    3776657.81        0.63096                        556372.49
3776657.81        0.65205
         556392.49    3776657.81        0.66224                        556412.49
3776657.81        0.68109
         556432.49    3776657.81        0.70033                        556452.49
3776657.81        0.72052
         556472.49    3776657.81        0.74036                        556492.49
3776657.81        0.76566
         556252.49    3776677.81        0.58562                        556272.49
3776677.81        0.59191
         556292.49    3776677.81        0.60747                        556312.49
3776677.81        0.62415
         556332.49    3776677.81        0.64270                        556352.49
3776677.81        0.66440
         556372.49    3776677.81        0.68258                        556392.49
3776677.81        0.69606
         556412.49    3776677.81        0.72035                        556432.49
3776677.81        0.73413
         556452.49    3776677.81        0.75481                        556472.49
3776677.81        0.78080
         556492.49    3776677.81        0.80787                        556252.49
3776697.81        0.61776
         556272.49    3776697.81        0.62478                        556372.49
3776697.81        0.71839
         556392.49    3776697.81        0.72646                        556412.49
3776697.81        0.75201
         556432.49    3776697.81        0.77090                        556452.49
3776697.81        0.79037
         556472.49    3776697.81        0.81968                        556492.49
3776697.81        0.85215
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
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                                PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE     ***
                                INCLUDING SOURCE(S):     L0000025    , L0000026
,
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*** 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
556252.49	3776717.81	0.63713	556272.49	3776717.81	0.65696
556372.49	3776717.81	0.75687	556392.49	3776717.81	0.76270
556412.49	3776717.81	0.79071	556432.49	3776717.81	0.81085
556452.49	3776717.81	0.83181	556472.49	3776717.81	0.87415
556492.49	3776717.81	0.89919	556267.40	3776875.81	1.00372
556239.03	3776853.02	0.88862	556178.76	3776751.21	0.66052
556154.45	3776774.51	0.65887	556119.50	3776705.11	0.55001
556146.51	3777267.93	1.61128	556151.00	3777234.88	1.59442
556144.93	3777179.58	1.49789	556205.18	3777236.46	1.84703
556218.00	3777200.04	1.85193	556772.00	3777345.97	20.15416

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 ,
L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 ,
L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 ,
L0000104 , L0000105 , L0000106 , L0000025 , L0000026 , L0000107 , L0000108 , . . . ,

*** 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
556521.71	3777341.57	23.26197	556539.90	3777344.94	24.90791
556591.78	3777345.39	30.99421	556630.62	3777349.66	35.35359
556684.29	3777349.43	43.61189	556905.58	3777351.19	83.27640
556920.93	3777350.82	78.25940	556942.87	3777350.09	67.58316
556996.26	3777348.26	40.24512	557096.81	3777357.77	17.40974
557115.83	3777363.62	15.28020	557129.36	3777361.43	14.26445
557230.65	3777363.99	8.86053	556466.22	3776816.07	3.74975
556407.87	3776826.19	3.46768	556381.07	3776807.14	3.13300
556404.29	3776771.52	2.91230	556465.21	3776739.51	2.90715
556396.10	3776739.93	2.62518	556323.99	3777265.43	9.87020
556330.60	3777233.99	9.84982	556321.08	3777200.43	9.00012
556275.11	3777267.81	8.20803	556278.28	3777233.46	8.07071
556509.40	3777373.38	19.59788	556529.40	3777373.38	21.17090
556549.40	3777373.38	22.83560	556569.40	3777373.38	24.58103
556589.40	3777373.38	26.45223	556609.40	3777373.38	28.42918
556629.40	3777373.38	30.56464	556649.40	3777373.38	32.81491
556669.40	3777373.38	35.18890	556689.40	3777373.38	37.63395
556709.40	3777373.38	40.09499	556729.40	3777373.38	42.57012
556749.40	3777373.38	45.11497	556769.40	3777373.38	47.72439
556789.40	3777373.38	50.49799	556809.40		

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3777373.38       53.38540
         556829.40    3777373.38       56.09582                       556849.40
3777373.38       58.16833
         556869.40    3777373.38       59.11150                       556889.40
3777373.38       58.35993
         556909.40    3777373.38       55.67553                       556929.40
3777373.38       51.22768
         556949.40    3777373.38       45.66145                       556969.40
3777373.38       39.74480
         556989.40    3777373.38       34.17458                       557009.40
3777373.38       29.35732
         557029.40    3777373.38       25.40309                       557049.40
3777373.38       22.13894
         557069.40    3777373.38       19.42479                       557089.40
3777373.38       17.19771
         557109.40    3777373.38       15.33941                       557129.40
3777373.38       13.77748
         557149.40    3777373.38       12.45133                       557169.40
3777373.38       11.32163
         557189.40    3777373.38       10.35793                       557209.40
3777373.38        9.51459
         557229.40    3777373.38        8.76530                       557249.40
3777373.38        8.10063
         557269.40    3777373.38        7.50840                       557289.40
3777373.38        6.99022
         557309.40    3777373.38        6.52900                       557329.40
3777373.38        6.10239
         557349.40    3777373.38        5.72879                       557369.40
3777373.38        5.38434
         557389.40    3777373.38        5.07153                       557409.40
3777373.38        4.78639
         557429.40    3777373.38        4.52068                       557449.40
3777373.38        4.28312
         557469.40    3777373.38        4.06090                       557489.40
3777373.38        3.84775
         556509.40    3777393.38       18.22308                       556529.40
3777393.38       19.53857
         556549.40    3777393.38       20.92392                       556569.40
3777393.38       22.37417
         556589.40    3777393.38       23.93854                       556609.40
3777393.38       25.58076
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:55:36

                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000025 , L0000026 , L0000107 , L0000108 , . . . ,

*** 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
556629.40	3777393.38	27.33864	556649.40	3777393.38	29.13637
556669.40	3777393.38	30.98452	556689.40	3777393.38	32.84778
556709.40	3777393.38	34.71835	556729.40	3777393.38	36.52170
556749.40	3777393.38	38.31353	556769.40	3777393.38	40.04875
556789.40	3777393.38	41.73153	556809.40	3777393.38	43.31123
556829.40	3777393.38	44.56718	556849.40	3777393.38	45.19044
556869.40	3777393.38	45.12117	556889.40	3777393.38	44.28238
556909.40	3777393.38	42.36838	556929.40	3777393.38	39.66411
556949.40	3777393.38	36.17378	556969.40	3777393.38	32.48224
556989.40	3777393.38	28.83578	557009.40	3777393.38	25.47987
557029.40	3777393.38	22.49337	557049.40	3777393.38	19.94119
557069.40	3777393.38	17.76697	557089.40	3777393.38	15.91466
557109.40	3777393.38	14.33817	557129.40	3777393.38	12.95206
557149.40	3777393.38	11.79148	557169.40	3777393.38	10.76584
557189.40	3777393.38	9.87730	557209.40		

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3777393.38        9.11600
         557229.40    3777393.38        8.43846                    557249.40
3777393.38        7.82127
         557269.40    3777393.38        7.27686                    557289.40
3777393.38        6.78626
         557309.40    3777393.38        6.33657                    557329.40
3777393.38        5.94902
         557349.40    3777393.38        5.59082                    557369.40
3777393.38        5.26659
         557389.40    3777393.38        4.97003                    557409.40
3777393.38        4.69349
         557429.40    3777393.38        4.44215                    557449.40
3777393.38        4.21401
         557469.40    3777393.38        3.99784                    557489.40
3777393.38        3.79305
         556509.40    3777413.38       16.94195                    556529.40
3777413.38       18.05964
         556549.40    3777413.38       19.23528                    556569.40
3777413.38       20.46693
         556589.40    3777413.38       21.75899                    556609.40
3777413.38       23.11366
         556629.40    3777413.38       24.53402                    556649.40
3777413.38       25.95776
         556669.40    3777413.38       27.40463                    556689.40
3777413.38       28.82679
         556709.40    3777413.38       30.20394                    556729.40
3777413.38       31.50033
         556749.40    3777413.38       32.70546                    556769.40
3777413.38       33.86174
         556789.40    3777413.38       34.84918                    556809.40
3777413.38       35.68544
         556829.40    3777413.38       36.18628                    556849.40
3777413.38       36.27220
         556869.40    3777413.38       35.99431                    556889.40
3777413.38       35.17416
         556909.40    3777413.38       33.84804                    556929.40
3777413.38       32.09241
         556949.40    3777413.38       29.71774                    556969.40
3777413.38       27.18540
         556989.40    3777413.38       24.61640                    557009.40
3777413.38       22.20058
         557029.40    3777413.38       19.94871                    557049.40
3777413.38       17.96066
         557069.40    3777413.38       16.21004                    557089.40
3777413.38       14.67456
         557109.40    3777413.38       13.34353                    557129.40
3777413.38       12.13608
         557149.40    3777413.38       11.12713                    557169.40
3777413.38       10.20816
         557189.40    3777413.38        9.41348                    557209.40
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                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                             *** 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
 -
- -
         557229.40   3777413.38   8.08785   557249.40
3777413.38   7.52589
         557269.40   3777413.38   7.02411   557289.40
3777413.38   6.57025
         557309.40   3777413.38   6.15849   557329.40
3777413.38   5.78067
         557349.40   3777413.38   5.44974   557369.40
3777413.38   5.13418
         557389.40   3777413.38   4.85645   557409.40
3777413.38   4.59910
         557429.40   3777413.38   4.35132   557449.40
3777413.38   4.13199
         557469.40   3777413.38   3.93154   557489.40
3777413.38   3.73762
         556509.40   3777433.38   15.76154   556529.40
3777433.38   16.70955
         556549.40   3777433.38   17.69651   556569.40
3777433.38   18.72159
         556589.40   3777433.38   19.80987   556609.40

3777433.38 20.92789
556629.40 3777433.38 22.06930 556649.40
3777433.38 23.20737
556669.40 3777433.38 24.32062 556689.40
3777433.38 25.40762
556709.40 3777433.38 26.40421 556729.40
3777433.38 27.33292
556749.40 3777433.38 28.13407 556769.40
3777433.38 28.87386
556789.40 3777433.38 29.43183 556809.40
3777433.38 29.81331
556829.40 3777433.38 29.96745 556849.40
3777433.38 29.82047
556869.40 3777433.38 29.48952 556889.40
3777433.38 28.84235
556909.40 3777433.38 27.89560 556929.40
3777433.38 26.60461
556949.40 3777433.38 25.02311 556969.40
3777433.38 23.18244
556989.40 3777433.38 21.28714 557009.40
3777433.38 19.52511
557029.40 3777433.38 17.80305 557049.40
3777433.38 16.23743
557069.40 3777433.38 14.80069 557089.40
3777433.38 13.51736
557109.40 3777433.38 12.38773 557129.40
3777433.38 11.35678
557149.40 3777433.38 10.46729 557169.40
3777433.38 9.64812
557189.40 3777433.38 8.94262 557209.40
3777433.38 8.31325
557229.40 3777433.38 7.73066 557249.40
3777433.38 7.22764
557269.40 3777433.38 6.76326 557289.40
3777433.38 6.33702
557309.40 3777433.38 5.96385 557329.40
3777433.38 5.60971
557349.40 3777433.38 5.27961 557369.40
3777433.38 4.99089
557389.40 3777433.38 4.73849 557409.40
3777433.38 4.49603
557429.40 3777433.38 4.25699 557449.40
3777433.38 4.04775
557469.40 3777433.38 3.85259 557489.40
3777433.38 3.67120
556509.40 3777453.38 14.66708 556529.40
3777453.38 15.47453
556549.40 3777453.38 16.31601 556569.40
3777453.38 17.17363
556589.40 3777453.38 18.07109 556609.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                             *** 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
 -
- -
         556829.40   3777453.38   25.30063   556849.40
3777453.38   25.11080
         556869.40   3777453.38   24.80355   556889.40
3777453.38   24.23086
         556909.40   3777453.38   23.52520   556929.40
3777453.38   22.52952
         556949.40   3777453.38   21.38540   556969.40
3777453.38   20.06178
         556989.40   3777453.38   18.64808   557009.40

3777453.38 17.24109
557029.40 3777453.38 15.90635 557049.40
3777453.38 14.65828
557069.40 3777453.38 13.51530 557089.40
3777453.38 12.45479
557109.40 3777453.38 11.49801 557129.40
3777453.38 10.61679
557149.40 3777453.38 9.83796 557169.40
3777453.38 9.10552
557189.40 3777453.38 8.47380 557209.40
3777453.38 7.91167
557229.40 3777453.38 7.38381 557249.40
3777453.38 6.92606
557269.40 3777453.38 6.49722 557289.40
3777453.38 6.10653
557309.40 3777453.38 5.75772 557329.40
3777453.38 5.43224
557349.40 3777453.38 5.13552 557369.40
3777453.38 4.85160
557389.40 3777453.38 4.60214 557409.40
3777453.38 4.38007
557429.40 3777453.38 4.16382 557449.40
3777453.38 3.96332
557469.40 3777453.38 3.77476 557489.40
3777453.38 3.59698
556509.40 3777473.38 13.65637 556529.40
3777473.38 14.33271
556549.40 3777473.38 15.03726 556569.40
3777473.38 15.77283
556589.40 3777473.38 16.50223 556609.40
3777473.38 17.23553
556629.40 3777473.38 17.96534 556649.40
3777473.38 18.67184
556669.40 3777473.38 19.31904 556689.40
3777473.38 19.90705
556709.40 3777473.38 20.44016 556729.40
3777473.38 20.90553
556749.40 3777473.38 21.25234 556769.40
3777473.38 21.52408
556789.40 3777473.38 21.66289 556809.40
3777473.38 21.70928
556829.40 3777473.38 21.65266 556849.40
3777473.38 21.49042
556869.40 3777473.38 21.22080 556889.40
3777473.38 20.75418
556909.40 3777473.38 20.20778 556929.40
3777473.38 19.48033
556949.40 3777473.38 18.60383 556969.40
3777473.38 17.59571
556989.40 3777473.38 16.51475 557009.40

3777473.38   15.42557
         557029.40   3777473.38   14.34758   557049.40
3777473.38   13.32028
         557069.40   3777473.38   12.37856   557089.40
3777473.38   11.48573
         557109.40   3777473.38   10.67663   557129.40
3777473.38   9.91361
         557149.40   3777473.38   9.24117   557169.40
3777473.38   8.59497
         557189.40   3777473.38   8.02831   557209.40
3777473.38   7.51742
         557229.40   3777473.38   7.04456   557249.40
3777473.38   6.62696
         557269.40   3777473.38   6.23257   557289.40
3777473.38   5.87402
         557309.40   3777473.38   5.54995   557329.40
3777473.38   5.25248
         557349.40   3777473.38   4.97341   557369.40
3777473.38   4.71738
         557389.40   3777473.38   4.47671   557409.40
3777473.38   4.26104

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                                *** 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
 -

- -

	557429.40	3777473.38	4.05397	557449.40	3777473.38	3.87184	
	557469.40	3777473.38	3.69299	557489.40	3777473.38	3.52448	
	556509.40	3777493.38	12.72213	556529.40	3777493.38	13.31118	
	556549.40	3777493.38	13.90179	556569.40	3777493.38	14.47806	
	556589.40	3777493.38	15.07513	556609.40	3777493.38	15.67920	
	556629.40	3777493.38	16.24678	556649.40	3777493.38	16.78805	
	556669.40	3777493.38	17.30165	556689.40	3777493.38	17.73878	
	556709.40	3777493.38	18.12141	556729.40	3777493.38	18.45489	
	556749.40	3777493.38	18.66363	556769.40	3777493.38	18.82345	
	556789.40	3777493.38	18.87438	556809.40	3777493.38	18.84700	
	556829.40	3777493.38	18.78567	556849.40	3777493.38	18.62118	
	556869.40	3777493.38	18.39888	556889.40	3777493.38	18.04200	
	556909.40	3777493.38	17.60729	556929.40	3777493.38	17.03768	
	556949.40	3777493.38	16.36044	556969.40	3777493.38	15.56957	
	556989.40	3777493.38	14.73792	557009.40	3777493.38	13.87902	
	557029.40	3777493.38	13.00423	557049.40	3777493.38	12.15724	
	557069.40	3777493.38	11.36682	557089.40	3777493.38	10.60849	
	557109.40	3777493.38	9.92743	557129.40	3777493.38	9.26959	
	557149.40	3777493.38	8.67355	557169.40	3777493.38	8.11640	
	557189.40	3777493.38	7.59733	557209.40	3777493.38	7.14288	
	557229.40	3777493.38	6.71324	557249.40	3777493.38	6.32547	
	557269.40	3777493.38	5.97205	557289.40	3777493.38	5.64410	
	557309.40	3777493.38	5.33929	557329.40	3777493.38	5.06233	
	557349.40	3777493.38	4.80710	557369.40	3777493.38	4.56819	
	557389.40	3777493.38	4.34933	557409.40			

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3777493.38        4.14460
         557429.40    3777493.38        3.94261                        557449.40
3777493.38        3.76739
         557469.40    3777493.38        3.60531                        557489.40
3777493.38        3.44731
         556509.40    3777513.38       11.85707                        556529.40
3777513.38       12.34946
         556549.40    3777513.38       12.83462                        556569.40
3777513.38       13.35409
         556589.40    3777513.38       13.83926                        556609.40
3777513.38       14.29835
         556629.40    3777513.38       14.76744                        556649.40
3777513.38       15.18377
         556669.40    3777513.38       15.55866                        556689.40
3777513.38       15.86913
         556709.40    3777513.38       16.14766                        556729.40
3777513.38       16.38091
         556749.40    3777513.38       16.51154                        556769.40
3777513.38       16.60726
         556789.40    3777513.38       16.61620                        556809.40
3777513.38       16.54895
         556829.40    3777513.38       16.47186                        556849.40
3777513.38       16.32509
         556869.40    3777513.38       16.14048                        556889.40
3777513.38       15.86838
         556909.40    3777513.38       15.49770                        556929.40
3777513.38       15.06211
         556949.40    3777513.38       14.52986                        556969.40
3777513.38       13.90420
         556989.40    3777513.38       13.23111                        557009.40
3777513.38       12.54565
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                  L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                  L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                  L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,
```

*** 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
557029.40	3777513.38	11.83255	557049.40	3777513.38	11.14029
557069.40	3777513.38	10.46221	557089.40	3777513.38	9.82221
557109.40	3777513.38	9.22853	557129.40	3777513.38	8.66871
557149.40	3777513.38	8.15075	557169.40	3777513.38	7.66134
557189.40	3777513.38	7.19805	557209.40	3777513.38	6.79047
557229.40	3777513.38	6.39541	557249.40	3777513.38	6.04874
557269.40	3777513.38	5.71980	557289.40	3777513.38	5.41557
557309.40	3777513.38	5.14004	557329.40	3777513.38	4.88321
557349.40	3777513.38	4.64284	557369.40	3777513.38	4.41824
557389.40	3777513.38	4.21348	557409.40	3777513.38	4.02330
557429.40	3777513.38	3.83848	557449.40	3777513.38	3.66852
557469.40	3777513.38	3.51145	557489.40	3777513.38	3.36471
556509.40	3777533.38	11.05578	556529.40	3777533.38	11.47570
556549.40	3777533.38	11.88552	556569.40	3777533.38	12.29071
556589.40	3777533.38	12.68294	556609.40	3777533.38	13.06229
556629.40	3777533.38	13.41954	556649.40	3777533.38	13.74139
556669.40	3777533.38	14.00783	556689.40	3777533.38	14.24828
556709.40	3777533.38	14.46063	556729.40	3777533.38	14.61758
556749.40	3777533.38	14.70383	556769.40	3777533.38	14.74671
556789.40	3777533.38	14.74490	556809.40		

```
3777533.38       14.67142
         556829.40    3777533.38       14.60108                       556849.40
3777533.38       14.45743
         556869.40    3777533.38       14.29629                       556889.40
3777533.38       14.08482
         556909.40    3777533.38       13.79180                       556929.40
3777533.38       13.43062
         556949.40    3777533.38       12.99933                       556969.40
3777533.38       12.49237
         556989.40    3777533.38       11.95013                       557009.40
3777533.38       11.39071
         557029.40    3777533.38       10.80742                       557049.40
3777533.38       10.23077
         557069.40    3777533.38        9.66449                       557089.40
3777533.38        9.11768
         557109.40    3777533.38        8.60188                       557129.40
3777533.38        8.12255
         557149.40    3777533.38        7.67007                       557169.40
3777533.38        7.23028
         557189.40    3777533.38        6.82077                       557209.40
3777533.38        6.45544
         557229.40    3777533.38        6.09163                       557249.40
3777533.38        5.77662
         557269.40    3777533.38        5.47435                       557289.40
3777533.38        5.19812
         557309.40    3777533.38        4.94196                       557329.40
3777533.38        4.70375
         557349.40    3777533.38        4.48253                       557369.40
3777533.38        4.27310
         557389.40    3777533.38        4.07463                       557409.40
3777533.38        3.89873
         557429.40    3777533.38        3.72880                       557449.40
3777533.38        3.57138
         557469.40    3777533.38        3.41861                       557489.40
3777533.38        3.27670
         556509.40    3777553.38       10.32037                       556529.40
3777553.38       10.67037
         556549.40    3777553.38       11.00650                       556569.40
3777553.38       11.34295
         556589.40    3777553.38       11.66576                       556609.40
3777553.38       11.95816
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:55:36

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000025 , L0000026 , L0000107 , L0000108 , . . . ,

*** 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
556629.40	3777553.38	12.23474	556649.40	3777553.38	12.48298
556669.40	3777553.38	12.67009	556689.40	3777553.38	12.84483
556709.40	3777553.38	13.00367	556729.40	3777553.38	13.11150
556749.40	3777553.38	13.14862	556769.40	3777553.38	13.17045
556789.40	3777553.38	13.16795	556809.40	3777553.38	13.10897
556829.40	3777553.38	13.03686	556849.40	3777553.38	12.91924
556869.40	3777553.38	12.78174	556889.40	3777553.38	12.60592
556909.40	3777553.38	12.37424	556929.40	3777553.38	12.09161
556949.40	3777553.38	11.70611	556969.40	3777553.38	11.29976
556989.40	3777553.38	10.84241	557009.40	3777553.38	10.38162
557029.40	3777553.38	9.89468	557049.40	3777553.38	9.41721
557069.40	3777553.38	8.94144	557089.40	3777553.38	8.47355
557109.40	3777553.38	8.02196	557129.40	3777553.38	7.60448
557149.40	3777553.38	7.20853	557169.40	3777553.38	6.82577
557189.40	3777553.38	6.46419	557209.40		

```
3777553.38        6.12677
         557229.40    3777553.38        5.80605                    557249.40
3777553.38        5.50941
         557269.40    3777553.38        5.23656                    557289.40
3777553.38        4.98386
         557309.40    3777553.38        4.74741                    557329.40
3777553.38        4.52659
         557349.40    3777553.38        4.32280                    557369.40
3777553.38        4.13069
         557389.40    3777553.38        3.94520                    557409.40
3777553.38        3.77695
         557429.40    3777553.38        3.61781                    557449.40
3777553.38        3.46991
         557469.40    3777553.38        3.32840                    557489.40
3777553.38        3.19060
         557438.91    3777336.71        4.51700                    556615.91
3777136.99       69.75302
         556586.37    3777056.16       23.80512                    556672.35
3776929.14       16.78068
         556692.35    3776929.14       18.05298                    556712.35
3776929.14       19.36221
         556732.35    3776929.14       20.55937                    556752.35
3776929.14       21.69542
         556772.35    3776929.14       22.46541                    556792.35
3776929.14       23.07526
         556812.35    3776929.14       23.82952                    556832.35
3776929.14       24.41108
         556852.35    3776929.14       25.26040                    556672.35
3776949.14       18.79609
         556692.35    3776949.14       20.32960                    556712.35
3776949.14       21.83788
         556732.35    3776949.14       23.18785                    556752.35
3776949.14       24.28438
         556772.35    3776949.14       25.17849                    556792.35
3776949.14       26.00449
         556812.35    3776949.14       26.74707                    556832.35
3776949.14       27.41385
         556852.35    3776949.14       28.43136                    556672.35
3776969.14       21.23510
         556692.35    3776969.14       23.09807                    556712.35
3776969.14       24.88958
         556732.35    3776969.14       26.42037                    556752.35
3776969.14       27.59588
         556772.35    3776969.14       28.49871                    556792.35
3776969.14       29.36340
         556812.35    3776969.14       30.16858                    556832.35
3776969.14       31.08680
         556852.35    3776969.14       32.34758                    556672.35
3776989.14       24.23510
         556692.35    3776989.14       26.51516                    556712.35
```

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                    *** 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
 -
- -
         556732.35   3776989.14   30.33999   556752.35
3776989.14   31.57659
         556772.35   3776989.14   32.47619   556792.35
3776989.14   33.36359
         556812.35   3776989.14   34.29977   556832.35
3776989.14   35.58593
         556852.35   3776989.14   37.29023   556672.35
3777009.14   27.97209
         556692.35   3777009.14   30.80822   556712.35
3777009.14   33.29499
         556732.35   3777009.14   35.13660   556752.35
3777009.14   36.38684
         556772.35   3777009.14   37.29143   556792.35
3777009.14   38.28179
         556812.35   3777009.14   39.51227   556832.35
3777009.14   41.28923
         556852.35   3777009.14   43.68492   556672.35
3777029.14   32.82403
         556692.35   3777029.14   36.32911   556712.35

3777029.14 39.19634
556732.35 3777029.14 41.05589 556752.35
3777029.14 42.24399
556772.35 3777029.14 43.19624 556792.35
3777029.14 44.43812
556812.35 3777029.14 46.23414 556832.35
3777029.14 48.90752
556852.35 3777029.14 52.20091 556672.35
3777049.14 39.36409
556692.35 3777049.14 43.67200 556712.35
3777049.14 46.76089
556732.35 3777049.14 48.43247 556752.35
3777049.14 49.46611
556772.35 3777049.14 50.60474 556792.35
3777049.14 52.40525
556812.35 3777049.14 55.33898 556832.35
3777049.14 59.42929
556852.35 3777049.14 64.00799 556927.54
3776959.53 34.15863
556947.54 3776959.53 33.12799 556967.54
3776959.53 31.37112
556987.54 3776959.53 29.15691 557007.54
3776959.53 26.64110
557027.54 3776959.53 24.05494 557047.54
3776959.53 21.55532
557067.54 3776959.53 19.23717 557087.54
3776959.53 17.14244
556927.54 3776979.53 38.61165 556947.54
3776979.53 36.94947
556967.54 3776979.53 34.36003 556987.54
3776979.53 31.43003
557007.54 3776979.53 28.30584 557027.54
3776979.53 25.25787
557047.54 3776979.53 22.42535 557067.54
3776979.53 19.87977
557087.54 3776979.53 17.62531 556927.54
3776999.53 43.90155
556947.54 3776999.53 41.14077 556967.54
3776999.53 37.64363
556987.54 3776999.53 33.79692 557007.54
3776999.53 29.99635
557027.54 3776999.53 26.47026 557047.54
3776999.53 23.31099
557067.54 3776999.53 20.53943 557087.54
3776999.53 18.13703
556927.54 3777019.53 50.16776 556947.54
3777019.53 45.93256
556967.54 3777019.53 41.11450 556987.54
3777019.53 36.23822
557007.54 3777019.53 31.71984 557027.54

3777019.53   27.71803
         557047.54   3777019.53   24.24388   557067.54
3777019.53   21.25712
         557087.54   3777019.53   18.69606   556927.54
3777039.53   57.55216
         556947.54   3777039.53   51.22362   556967.54
3777039.53   44.76723
         556987.54   3777039.53   38.75298   557007.54
3777039.53   33.50882
         557027.54   3777039.53   29.04510   557047.54
3777039.53   25.49136
↑ *** AERMOD - VERSION 23132 ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   16:55:36

                                 PAGE 66
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                          *** 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
 - - -

3777214.93 194.66923
556939.02 3777214.93 141.68372 556919.02
3777234.93 214.53362
556939.02 3777234.93 158.63473 556919.02
3777254.93 263.09537
556939.02 3777254.93 192.98685 557023.57
3777171.57 40.87150
557043.57 3777171.57 33.28150 557063.57
3777171.57 27.65397
557083.57 3777171.57 23.43533 557023.57
3777191.57 42.04487
557043.57 3777191.57 33.99494 557063.57
3777191.57 28.17390
557083.57 3777191.57 23.86479 557023.57
3777211.57 42.72619
557043.57 3777211.57 34.47939 557063.57
3777211.57 28.59137
557083.57 3777211.57 24.16639 557023.57
3777231.57 43.02848
557043.57 3777231.57 34.73072 557063.57
3777231.57 28.80253
557083.57 3777231.57 24.28957 557023.57
3777251.57 43.05030
557043.57 3777251.57 34.69847 557063.57
3777251.57 28.73410
557083.57 3777251.57 24.11802 556249.05
3776972.85 4.31634
556269.05 3776972.85 4.34264 556229.05
3776992.85 4.40936
556249.05 3776992.85 4.53428 556269.05
3776992.85 4.71598
556289.05 3776992.85 4.92452 556309.05
3776992.85 5.00402
556329.05 3776992.85 5.11067 556209.05
3777012.85 4.62530
556229.05 3777012.85 4.51618 556249.05
3777012.85 4.72790
556269.05 3777012.85 4.99247 556289.05
3777012.85 5.29003
556309.05 3777012.85 5.47031 556329.05
3777012.85 5.82106
556209.05 3777032.85 4.73094 556229.05
3777032.85 4.84266
556249.05 3777032.85 4.93504 556269.05
3777032.85 5.21929
556289.05 3777032.85 5.55803 556309.05
3777032.85 5.89714
556209.05 3777052.85 4.87283 556229.05
3777052.85 5.00861
556249.05 3777052.85 5.43793 556269.05

```
3777052.85        5.63350
         556289.05    3777052.85        5.99160                       556309.05
3777052.85        6.39066
         556249.05    3777072.85        5.61953                       556269.05
3777072.85        5.97937
         556289.05    3777072.85        6.37074                       556269.05
3777092.85        6.18197
         556441.69    3776927.49        5.28727                       556461.69
3776927.49        5.63864
         556481.69    3776927.49        5.89379                       556421.69
3776947.49        5.47202
         556441.69    3776947.49        5.69409                       556461.69
3776947.49        6.10315
         556481.69    3776947.49        6.42434                       556401.69
3776967.49        5.58654
         556421.69    3776967.49        5.92799                       556441.69
3776967.49        6.16819
         556461.69    3776967.49        6.52888                       556481.69
3776967.49        7.04254
         556401.69    3776987.49        5.99722                       556421.69
3776987.49        6.32067
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                  L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                  L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                  L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - -

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3776568.23        3.74189
         557550.26    3776568.23        3.59255                        557570.26
3776568.23        3.45095
         557590.26    3776568.23        3.33156                        557610.26
3776568.23        3.21915
         557630.26    3776568.23        3.11620                        557650.26
3776568.23        3.02569
         557670.26    3776568.23        2.92820                        557690.26
3776568.23        2.83485
         557510.26    3776588.23        3.89292                        557530.26
3776588.23        3.74494
         557550.26    3776588.23        3.59460                        557570.26
3776588.23        3.44682
         557590.26    3776588.23        3.31835                        557610.26
3776588.23        3.20502
         557630.26    3776588.23        3.10948                        557650.26
3776588.23        3.01618
         557670.26    3776588.23        2.92332                        557690.26
3776588.23        2.83438
         557510.26    3776608.23        3.88422                        557530.26
3776608.23        3.73713
         557550.26    3776608.23        3.58347                        557570.26
3776608.23        3.43885
         557590.26    3776608.23        3.30301                        557610.26
3776608.23        3.18898
         557630.26    3776608.23        3.09328                        557650.26
3776608.23        2.99774
         557670.26    3776608.23        2.90230                        557690.26
3776608.23        2.81015
         557510.26    3776628.23        3.87014                        557530.26
3776628.23        3.71818
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                 L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                 L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                 L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,
```

*** 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
557550.26	3776628.23	3.55914	557570.26	3776628.23	3.43805
557590.26	3776628.23	3.28512	557610.26	3776628.23	3.16968
557630.26	3776628.23	3.06690	557650.26	3776628.23	2.97639
557670.26	3776628.23	2.88081	557690.26	3776628.23	2.79109
557510.26	3776648.23	3.84546	557530.26	3776648.23	3.68325
557550.26	3776648.23	3.52467	557570.26	3776648.23	3.34317
557590.26	3776648.23	3.22565	557610.26	3776648.23	3.10224
557630.26	3776648.23	3.00912	557650.26	3776648.23	2.92743
557670.26	3776648.23	2.83011	557690.26	3776648.23	2.74797
557510.26	3776668.23	3.74786	557530.26	3776668.23	3.57543
557550.26	3776668.23	3.41083	557570.26	3776668.23	3.21208
557590.26	3776668.23	3.12074	557610.26	3776668.23	2.97317
557630.26	3776668.23	2.88256	557650.26	3776668.23	2.80998
557670.26	3776668.23	2.75818	557690.26	3776668.23	2.67425
557510.26	3776688.23	3.58598	557530.26	3776688.23	3.42757
557550.26	3776688.23	3.25558	557570.26	3776688.23	3.12382
557590.26	3776688.23	3.00782	557610.26	3776688.23	2.87238
557630.26	3776688.23	2.79092	557650.26	3776688.23	2.71546
557670.26	3776688.23	2.62495	557690.26	3776688.23	2.53345
556172.49	3776517.81	1.16674	556192.49		

3776517.81   1.19999
         556212.49   3776517.81   1.21090   556232.49
3776517.81   1.23375
         556252.49   3776517.81   1.25849   556272.49
3776517.81   1.29626
         556292.49   3776517.81   1.33223   556312.49
3776517.81   1.36457
         556332.49   3776517.81   1.40701   556352.49
3776517.81   1.43722
         556372.49   3776517.81   1.45155   556392.49
3776517.81   1.49725
         556412.49   3776517.81   1.52996   556432.49
3776517.81   1.55834
         556452.49   3776517.81   1.58343   556472.49
3776517.81   1.63473
         556492.49   3776517.81   1.68172   556172.49
3776537.81   1.20832
         556192.49   3776537.81   1.23322   556212.49
3776537.81   1.26050
         556232.49   3776537.81   1.28271   556252.49
3776537.81   1.30741
         556272.49   3776537.81   1.33110   556292.49
3776537.81   1.37962
         556312.49   3776537.81   1.41859   556332.49
3776537.81   1.46447
         556352.49   3776537.81   1.50006   556372.49
3776537.81   1.52283
         556392.49   3776537.81   1.54317   556412.49
3776537.81   1.59035
         556432.49   3776537.81   1.62944   556452.49
3776537.81   1.65467
         556472.49   3776537.81   1.71059   556492.49
3776537.81   1.76505
         556332.49   3776557.81   1.53286   556352.49
3776557.81   1.55681
         556372.49   3776557.81   1.59954   556392.49
3776557.81   1.62714
         556412.49   3776557.81   1.67618   556432.49
3776557.81   1.71056
         556452.49   3776557.81   1.73741   556472.49
3776557.81   1.78890

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000025 , L0000026 , L0000107 , L0000108 , . . . ,

*** 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
556492.49	3776557.81	1.85268	556332.49	3776577.81	1.58879
556352.49	3776577.81	1.63637	556372.49	3776577.81	1.67732
556392.49	3776577.81	1.72221	556412.49	3776577.81	1.76862
556432.49	3776577.81	1.79796	556452.49	3776577.81	1.83676
556472.49	3776577.81	1.88991	556492.49	3776577.81	1.94770
556332.49	3776597.81	1.67047	556352.49	3776597.81	1.71516
556372.49	3776597.81	1.75793	556392.49	3776597.81	1.78985
556412.49	3776597.81	1.85493	556432.49	3776597.81	1.89061
556452.49	3776597.81	1.91884	556472.49	3776597.81	1.97069
556492.49	3776597.81	2.04910	556252.49	3776617.81	1.58125
556272.49	3776617.81	1.61086	556292.49	3776617.81	1.65059
556312.49	3776617.81	1.70079	556332.49	3776617.81	1.72970
556352.49	3776617.81	1.79911	556372.49	3776617.81	1.85872
556392.49	3776617.81	1.89894	556412.49	3776617.81	1.95880
556432.49	3776617.81	1.99258	556452.49		

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3776617.81        2.04628
         556472.49    3776617.81        2.07143                    556492.49
3776617.81        2.15680
         556252.49    3776637.81        1.65501                    556272.49
3776637.81        1.71466
         556292.49    3776637.81        1.73543                    556312.49
3776637.81        1.77178
         556332.49    3776637.81        1.83583                    556352.49
3776637.81        1.88395
         556372.49    3776637.81        1.95447                    556392.49
3776637.81        1.99439
         556412.49    3776637.81        2.05230                    556432.49
3776637.81        2.10389
         556452.49    3776637.81        2.14870                    556472.49
3776637.81        2.20406
         556492.49    3776637.81        2.27268                    556252.49
3776657.81        1.74478
         556272.49    3776657.81        1.79927                    556292.49
3776657.81        1.85000
         556312.49    3776657.81        1.85388                    556332.49
3776657.81        1.93056
         556352.49    3776657.81        1.99413                    556372.49
3776657.81        2.06055
         556392.49    3776657.81        2.09161                    556412.49
3776657.81        2.14888
         556432.49    3776657.81        2.20652                    556452.49
3776657.81        2.26653
         556472.49    3776657.81        2.32523                    556492.49
3776657.81        2.40141
         556252.49    3776677.81        1.83936                    556272.49
3776677.81        1.86362
         556292.49    3776677.81        1.91680                    556312.49
3776677.81        1.97312
         556332.49    3776677.81        2.03469                    556352.49
3776677.81        2.10526
         556372.49    3776677.81        2.16383                    556392.49
3776677.81        2.20637
         556412.49    3776677.81        2.28168                    556432.49
3776677.81        2.32265
         556452.49    3776677.81        2.38447                    556472.49
3776677.81        2.46257
         556492.49    3776677.81        2.54410                    556252.49
3776697.81        1.94149
         556272.49    3776697.81        1.96847                    556372.49
3776697.81        2.28407
         556392.49    3776697.81        2.31102                    556412.49
3776697.81        2.39154
         556432.49    3776697.81        2.44962                    556452.49
3776697.81        2.50815
         556472.49    3776697.81        2.59708                    556492.49
```

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                     *** 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
 -
- -
         556252.49   3776717.81   2.00354   556272.49
3776717.81   2.07148
         556372.49   3776717.81   2.41319   556392.49
3776717.81   2.43468
         556412.49   3776717.81   2.52461   556432.49
3776717.81   2.58807
         556452.49   3776717.81   2.65239   556472.49
3776717.81   2.78338
         556492.49   3776717.81   2.85861   556267.40
3776875.81   3.25416
         556239.03   3776853.02   2.85487   556178.76
3776751.21   2.07291
         556154.45   3776774.51   2.07204   556119.50
3776705.11   1.71031
         556146.51   3777267.93   5.42489   556151.00
3777234.88   5.37508
         556144.93   3777179.58   4.99917   556205.18
3777236.46   6.33313
         556218.00   3777200.04   6.28097   556772.00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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)
 -
- -
        556521.71   3777341.57   88.30395 (19120817)   556539.90
3777344.94   91.84469 (21021119)
        556591.78   3777345.39   104.52441 (18020919)   556630.62
3777349.66   112.87681 (23121917)
        556684.29   3777349.43   129.62953 (21120317)   556905.58
3777351.19   116.68980 (23010916)
        556920.93   3777350.82   105.40537 (23042018)   556942.87
3777350.09   92.91143 (23042018)
        556996.26   3777348.26   84.53595 (21120716)   557096.81
3777357.77   58.43805 (21120716)
        557115.83   3777363.62   52.79610 (21120716)   557129.36
3777361.43   49.21521 (21120716)
        557230.65   3777363.99   26.55499 (21120716)   556466.22
3776816.07   85.70184 (20022122)
        556407.87   3776826.19   80.03306 (19111818)   556381.07
3776807.14   74.45119 (19111818)
        556404.29   3776771.52   76.36945 (20022122)   556465.21
3776739.51   76.38932 (19120401)
        556396.10   3776739.93   72.26171 (20022122)   556323.99

3777265.43 58.23430 (18060706)
556330.60 3777233.99 65.16514 (18060706) 556321.08
3777200.43 58.24145 (21021521)
556275.11 3777267.81 49.89762 (18060706) 556278.28
3777233.46 52.93784 (18060706)
556509.40 3777373.38 79.19436 (21021119) 556529.40
3777373.38 81.90479 (21021119)
556549.40 3777373.38 86.11267 (18020919) 556569.40
3777373.38 89.54009 (18020919)
556589.40 3777373.38 93.87042 (23121917) 556609.40
3777373.38 97.57935 (19013018)
556629.40 3777373.38 102.87667 (19013018) 556649.40
3777373.38 107.02189 (18121718)
556669.40 3777373.38 112.50656 (21120317) 556689.40
3777373.38 117.23153 (20120917)
556709.40 3777373.38 122.24136 (20120917) 556729.40
3777373.38 124.06693 (21090724)
556749.40 3777373.38 120.81666 (21090724) 556769.40
3777373.38 110.81078 (21090724)
556789.40 3777373.38 115.12446 (18061906) 556809.40
3777373.38 117.51897 (18061906)
556829.40 3777373.38 113.14868 (18061906) 556849.40
3777373.38 100.17362 (18061906)
556869.40 3777373.38 104.81373 (23010916) 556889.40
3777373.38 104.87353 (23010916)
556909.40 3777373.38 95.65184 (23010916) 556929.40
3777373.38 85.80495 (23042018)
556949.40 3777373.38 78.26049 (23042018) 556969.40
3777373.38 66.64810 (23042018)
556989.40 3777373.38 61.28079 (21120716) 557009.40
3777373.38 64.28380 (21120716)
557029.40 3777373.38 65.07585 (21120716) 557049.40
3777373.38 63.94558 (21120716)
557069.40 3777373.38 61.31803 (21120716) 557089.40
3777373.38 57.71026 (21120716)
557109.40 3777373.38 53.48475 (21120716) 557129.40
3777373.38 48.95919 (21120716)
557149.40 3777373.38 44.36539 (21120716) 557169.40
3777373.38 39.88065 (21120716)
557189.40 3777373.38 35.62428 (21120716) 557209.40
3777373.38 31.63766 (21120716)
557229.40 3777373.38 27.95443 (21120716) 557249.40
3777373.38 24.60212 (21120716)
557269.40 3777373.38 21.58195 (21120716) 557289.40
3777373.38 18.89612 (21120716)
557309.40 3777373.38 16.51411 (21120716) 557329.40
3777373.38 14.90501 (20022421)
557349.40 3777373.38 14.20093 (20022421) 557369.40
3777373.38 13.50944 (20022421)
557389.40 3777373.38 12.85445 (20022421) 557409.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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)
 -
- -
        556629.40   3777393.38   95.28327 (18121718)   556649.40
3777393.38   99.61935 (21120317)
        556669.40   3777393.38   102.59951 (19020122)   556689.40
3777393.38   107.44445 (20120917)
        556709.40   3777393.38   109.93448 (21090724)   556729.40
3777393.38   109.32414 (21090724)
        556749.40   3777393.38   103.58811 (21090724)   556769.40
3777393.38   94.91539 (18061906)
        556789.40   3777393.38   102.20677 (18061906)   556809.40

3777393.38 103.07820 (18061906)
556829.40 3777393.38 97.07526 (18061906) 556849.40
3777393.38 83.21707 (18061906)
556869.40 3777393.38 89.00321 (23010916) 556889.40
3777393.38 89.67602 (23010916)
556909.40 3777393.38 83.54163 (23010916) 556929.40
3777393.38 74.01860 (23042018)
556949.40 3777393.38 70.09387 (23042018) 556969.40
3777393.38 62.50602 (23042018)
556989.40 3777393.38 52.79921 (23042018) 557009.40
3777393.38 50.39440 (21120716)
557029.40 3777393.38 53.10011 (21120716) 557049.40
3777393.38 54.21719 (21120716)
557069.40 3777393.38 53.90637 (21120716) 557089.40
3777393.38 52.42739 (21120716)
557109.40 3777393.38 50.07644 (21120716) 557129.40
3777393.38 47.06247 (21120716)
557149.40 3777393.38 43.73509 (21120716) 557169.40
3777393.38 40.19119 (21120716)
557189.40 3777393.38 36.62437 (21120716) 557209.40
3777393.38 33.16124 (21120716)
557229.40 3777393.38 29.83429 (21120716) 557249.40
3777393.38 26.68156 (21120716)
557269.40 3777393.38 23.76729 (21120716) 557289.40
3777393.38 21.09121 (21120716)
557309.40 3777393.38 18.64986 (21120716) 557329.40
3777393.38 16.46969 (21120716)
557349.40 3777393.38 14.50675 (21120716) 557369.40
3777393.38 13.27512 (20022421)
557389.40 3777393.38 12.70341 (20022421) 557409.40
3777393.38 12.13463 (20022421)
557429.40 3777393.38 11.59855 (20022421) 557449.40
3777393.38 11.09713 (20022421)
557469.40 3777393.38 10.59616 (20022421) 557489.40
3777393.38 10.15327 (18012318)
556509.40 3777413.38 70.73782 (18020919) 556529.40
3777413.38 73.66954 (23121917)
556549.40 3777413.38 76.00008 (23121917) 556569.40
3777413.38 79.43031 (19013018)
556589.40 3777413.38 82.56913 (19013018) 556609.40
3777413.38 85.52938 (18121718)
556629.40 3777413.38 89.54621 (21120317) 556649.40
3777413.38 91.84626 (19020122)
556669.40 3777413.38 95.86482 (20120917) 556689.40
3777413.38 97.83467 (21090724)
556709.40 3777413.38 99.08892 (21090724) 556729.40
3777413.38 95.85565 (21090724)
556749.40 3777413.38 88.10568 (21090724) 556769.40
3777413.38 86.14720 (18061906)
556789.40 3777413.38 91.36967 (18061906) 556809.40

3777413.38   90.85395 (18061906)
        556829.40   3777413.38   83.84772 (18061906)   556849.40
3777413.38   71.52606 (23010916)
        556869.40   3777413.38   76.67665 (23010916)   556889.40
3777413.38   77.70003 (23010916)
        556909.40   3777413.38   73.65957 (23010916)   556929.40
3777413.38   64.96285 (23010916)
        556949.40   3777413.38   62.49843 (23042018)   556969.40
3777413.38   57.73805 (23042018)
        556989.40   3777413.38   50.72073 (23042018)   557009.40
3777413.38   42.66621 (23042018)
        557029.40   3777413.38   42.08830 (21120716)   557049.40
3777413.38   44.53813 (21120716)
        557069.40   3777413.38   45.81303 (21120716)   557089.40
3777413.38   45.99076 (21120716)
        557109.40   3777413.38   45.24479 (21120716)   557129.40
3777413.38   43.67887 (21120716)
        557149.40   3777413.38   41.62963 (21120716)   557169.40
3777413.38   39.13588 (21120716)
        557189.40   3777413.38   36.43288 (21120716)   557209.40
3777413.38   33.63114 (21120716)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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)
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        557229.40   3777413.38       30.78978  (21120716)                557249.40
3777413.38       28.00973  (21120716)
        557269.40   3777413.38       25.34370  (21120716)                557289.40
3777413.38       22.82054  (21120716)
        557309.40   3777413.38       20.46360  (21120716)                557329.40
3777413.38       18.28138  (21120716)
        557349.40   3777413.38       16.29807  (21120716)                557369.40
3777413.38       14.47931  (21120716)
        557389.40   3777413.38       12.84683  (21120716)                557409.40
3777413.38       11.91413  (20022421)
        557429.40   3777413.38       11.41449  (20022421)                557449.40
3777413.38       10.96553  (20022421)
        557469.40   3777413.38       10.54010  (20022421)                557489.40
3777413.38       10.09807  (20022421)
        556509.40   3777433.38       67.39947  (23121917)                556529.40
3777433.38       69.09270  (20090520)
        556549.40   3777433.38       72.29798  (19013018)                556569.40
3777433.38       74.71761  (19013018)
        556589.40   3777433.38       77.45531  (18121718)                556609.40
3777433.38       80.92125  (21120317)
        556629.40   3777433.38       83.07463  (19020122)                556649.40
3777433.38       86.32438  (20120917)
        556669.40   3777433.38       88.55425  (20120917)                556689.40
3777433.38       90.09760  (21090724)
        556709.40   3777433.38       88.69889  (21090724)                556729.40
3777433.38       83.74810  (21090724)
        556749.40   3777433.38       74.99779  (21090724)                556769.40
3777433.38       78.58007  (18061906)
        556789.40   3777433.38       82.09645  (18061906)                556809.40
3777433.38       80.32940  (18061906)
        556829.40   3777433.38       72.93659  (18061906)                556849.40
3777433.38       62.12283  (23010916)
        556869.40   3777433.38       66.67197  (23010916)                556889.40
3777433.38       67.99978  (23010916)
        556909.40   3777433.38       65.40447  (23010916)                556929.40
3777433.38       59.02335  (23010916)
        556949.40   3777433.38       55.56413  (23042018)                556969.40
3777433.38       52.81128  (23042018)
        556989.40   3777433.38       47.91743  (23042018)                557009.40
3777433.38       41.79903  (23042018)
        557029.40   3777433.38       35.07168  (23042018)                557049.40
3777433.38       35.68446  (21120716)
        557069.40   3777433.38       37.86313  (21120716)                557089.40
3777433.38       39.16223  (21120716)
        557109.40   3777433.38       39.63249  (21120716)                557129.40
3777433.38       39.30861  (21120716)
        557149.40   3777433.38       38.38996  (21120716)                557169.40
3777433.38       36.92219  (21120716)
        557189.40   3777433.38       35.12208  (21120716)                557209.40
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3777433.38       33.06544  (21120716)
        557229.40   3777433.38       30.82150  (21120716)                557249.40
3777433.38       28.54162  (21120716)
        557269.40   3777433.38       26.23781  (21120716)                557289.40
3777433.38       23.97171  (21120716)
        557309.40   3777433.38       21.81077  (21120716)                557329.40
3777433.38       19.73918  (21120716)
        557349.40   3777433.38       17.78802  (21120716)                557369.40
3777433.38       15.99338  (21120716)
        557389.40   3777433.38       14.35272  (21120716)                557409.40
3777433.38       12.83822  (21120716)
        557429.40   3777433.38       11.44531  (21120716)                557449.40
3777433.38       10.73057  (20022421)
        557469.40   3777433.38       10.34662  (20022421)                557489.40
3777433.38        9.97092  (20022421)
        556509.40   3777453.38       63.43027  (19013018)                556529.40
3777453.38       66.31298  (19013018)
        556549.40   3777453.38       68.37116  (19013018)                556569.40
3777453.38       70.57685  (18121718)
        556589.40   3777453.38       73.64507  (21120317)                556609.40
3777453.38       75.44805  (21120317)
        556629.40   3777453.38       78.19013  (20120917)                556649.40
3777453.38       80.69896  (20120917)
        556669.40   3777453.38       81.86130  (21090724)                556689.40
3777453.38       81.85644  (21090724)
        556709.40   3777453.38       78.61967  (21090724)                556729.40
3777453.38       72.55945  (21090724)
        556749.40   3777453.38       65.98405  (18061906)                556769.40
3777453.38       71.90517  (18061906)
        556789.40   3777453.38       73.99492  (18061906)                556809.40
3777453.38       71.36228  (18061906)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000088    , L0000089
, L0000090    , L0000091    , L0000092    ,
                 L0000093    , L0000094    , L0000095    , L0000096    , L0000097
, L0000098    , L0000099    , L0000100    ,
                 L0000101    , L0000102    , L0000103    , L0000104    , L0000105
, L0000106    , L0000107    , L0000108    ,
                 L0000109    , L0000110    , L0000111    , L0000112    , L0000113
, L0000114    , L0000115    ,  . . .      ,
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*** 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)
556829.40	3777453.38	63.89653	(18061906)	556849.40	3777453.38	54.44267	(23010916)
556869.40	3777453.38	58.51733	(23010916)	556889.40	3777453.38	60.00581	(23010916)
556909.40	3777453.38	58.42363	(23010916)	556929.40	3777453.38	53.72357	(23010916)
556949.40	3777453.38	49.22819	(23042018)	556969.40	3777453.38	47.98544	(23042018)
556989.40	3777453.38	44.78017	(23042018)	557009.40	3777453.38	40.16940	(23042018)
557029.40	3777453.38	34.79100	(23042018)	557049.40	3777453.38	29.69347	(21121516)
557069.40	3777453.38	30.55053	(21120716)	557089.40	3777453.38	32.51267	(21120716)
557109.40	3777453.38	33.80802	(21120716)	557129.40	3777453.38	34.41708	(21120716)
557149.40	3777453.38	34.43396	(21120716)	557169.40	3777453.38	33.86858	(21120716)
557189.40	3777453.38	32.90598	(21120716)	557209.40	3777453.38	31.60776	(21120716)
557229.40	3777453.38	30.01793	(21120716)	557249.40	3777453.38	28.28672	(21120716)
557269.40	3777453.38	26.42650	(21120716)	557289.40	3777453.38	24.51957	(21120716)
557309.40	3777453.38	22.62562	(21120716)	557329.40	3777453.38	20.75922	(21120716)
557349.40	3777453.38	18.96133	(21120716)	557369.40	3777453.38	17.23472	(21120716)
557389.40	3777453.38	15.62453	(21120716)	557409.40	3777453.38	14.12983	(21120716)
557429.40	3777453.38	12.73201	(21120716)	557449.40	3777453.38	11.44510	(21120716)
557469.40	3777453.38	10.26481	(21120716)	557489.40	3777453.38	9.73503	(20022421)
556509.40	3777473.38	61.12011	(19013018)	556529.40	3777473.38	62.68838	(23123118)
556549.40	3777473.38	64.64760	(18121718)	556569.40	3777473.38	67.43293	(21120317)
556589.40	3777473.38	69.08865	(21120317)	556609.40			

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3777473.38       70.87527  (20120917)
        556629.40   3777473.38       73.54502  (20120917)                556649.40
3777473.38       74.68378  (21090724)
        556669.40   3777473.38       75.40164  (21090724)                556689.40
3777473.38       73.61032  (21090724)
        556709.40   3777473.38       69.30481  (21090724)                556729.40
3777473.38       62.61445  (21090724)
        556749.40   3777473.38       61.41795  (18061906)                556769.40
3777473.38       65.93692  (18061906)
        556789.40   3777473.38       66.87841  (18061906)                556809.40
3777473.38       63.64387  (18061906)
        556829.40   3777473.38       56.23918  (18061906)                556849.40
3777473.38       48.03111  (23010916)
        556869.40   3777473.38       51.71682  (23010916)                556889.40
3777473.38       53.32688  (23010916)
        556909.40   3777473.38       52.46518  (23010916)                556929.40
3777473.38       49.05312  (23010916)
        556949.40   3777473.38       43.67497  (23042018)                556969.40
3777473.38       43.44284  (23042018)
        556989.40   3777473.38       41.51957  (23042018)                557009.40
3777473.38       38.24021  (23042018)
        557029.40   3777473.38       34.02113  (23042018)                557049.40
3777473.38       29.34758  (23042018)
        557069.40   3777473.38       26.14719  (21121516)                557089.40
3777473.38       26.41560  (21120716)
        557109.40   3777473.38       28.18393  (21120716)                557129.40
3777473.38       29.40500  (21120716)
        557149.40   3777473.38       30.12853  (21120716)                557169.40
3777473.38       30.30550  (21120716)
        557189.40   3777473.38       30.06449  (21120716)                557209.40
3777473.38       29.44589  (21120716)
        557229.40   3777473.38       28.49883  (21120716)                557249.40
3777473.38       27.32721  (21120716)
        557269.40   3777473.38       25.95117  (21120716)                557289.40
3777473.38       24.45572  (21120716)
        557309.40   3777473.38       22.89466  (21120716)                557329.40
3777473.38       21.30269  (21120716)
        557349.40   3777473.38       19.70690  (21120716)                557369.40
3777473.38       18.14528  (21120716)
        557389.40   3777473.38       16.63146  (21120716)                557409.40
3777473.38       15.19549  (21120716)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , . . . ,

*** 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)
557429.40	3777473.38	13.82934	(21120716)	557449.40	3777473.38	12.55987	(21120716)
557469.40	3777473.38	11.36799	(21120716)	557489.40	3777473.38	10.26387	(21120716)
556509.40	3777493.38	58.05713	(23123118)	556529.40	3777493.38	59.81218	(18121718)
556549.40	3777493.38	62.11591	(21120317)	556569.40	3777493.38	63.41716	(21120317)
556589.40	3777493.38	64.55595	(19020122)	556609.40	3777493.38	67.29656	(20120917)
556629.40	3777493.38	68.34407	(20120917)	556649.40	3777493.38	69.37800	(21090724)
556669.40	3777493.38	68.90118	(21090724)	556689.40	3777493.38	65.92117	(21090724)
556709.40	3777493.38	60.79428	(21090724)	556729.40	3777493.38	53.92419	(21090724)
556749.40	3777493.38	57.25050	(18061906)	556769.40	3777493.38	60.59389	(18061906)
556789.40	3777493.38	60.63179	(18061906)	556809.40	3777493.38	56.94246	(18061906)
556829.40	3777493.38	49.78631	(18061906)	556849.40	3777493.38	43.13317	(18010618)
556869.40	3777493.38	45.98275	(23010916)	556889.40	3777493.38	47.66879	(23010916)
556909.40	3777493.38	47.32742	(23010916)	556929.40	3777493.38	44.86443	(23010916)
556949.40	3777493.38	40.57032	(23010916)	556969.40	3777493.38	39.18943	(23042018)
556989.40	3777493.38	38.24100	(23042018)	557009.40			

3777493.38 36.02832 (23042018)
557029.40 3777493.38 32.82832 (23042018) 557049.40
3777493.38 29.03110 (23042018)
557069.40 3777493.38 25.00406 (23042018) 557089.40
3777493.38 23.19956 (21121516)
557109.40 3777493.38 23.03868 (21120716) 557129.40
3777493.38 24.60870 (21120716)
557149.40 3777493.38 25.78012 (21120716) 557169.40
3777493.38 26.51818 (21120716)
557189.40 3777493.38 26.83585 (21120716) 557209.40
3777493.38 26.80810 (21120716)
557229.40 3777493.38 26.42721 (21120716) 557249.40
3777493.38 25.77390 (21120716)
557269.40 3777493.38 24.89446 (21120716) 557289.40
3777493.38 23.83059 (21120716)
557309.40 3777493.38 22.63070 (21120716) 557329.40
3777493.38 21.34912 (21120716)
557349.40 3777493.38 20.01691 (21120716) 557369.40
3777493.38 18.66076 (21120716)
557389.40 3777493.38 17.31473 (21120716) 557409.40
3777493.38 15.99345 (21120716)
557429.40 3777493.38 14.70096 (21120716) 557449.40
3777493.38 13.48092 (21120716)
557469.40 3777493.38 12.32486 (21120716) 557489.40
3777493.38 11.22975 (21120716)
556509.40 3777513.38 55.34136 (18121718) 556529.40
3777513.38 57.39630 (21120317)
556549.40 3777513.38 58.74572 (21120317) 556569.40
3777513.38 60.04404 (19020122)
556589.40 3777513.38 62.14302 (20120917) 556609.40
3777513.38 63.31214 (20120917)
556629.40 3777513.38 64.39154 (21090724) 556649.40
3777513.38 64.44282 (21090724)
556669.40 3777513.38 62.60396 (21090724) 556689.40
3777513.38 58.64332 (21090724)
556709.40 3777513.38 53.11352 (21090724) 556729.40
3777513.38 48.91856 (18061906)
556749.40 3777513.38 53.43174 (18061906) 556769.40
3777513.38 55.80669 (18061906)
556789.40 3777513.38 55.14509 (18061906) 556809.40
3777513.38 51.16072 (18061906)
556829.40 3777513.38 44.27790 (18061906) 556849.40
3777513.38 39.69835 (18010618)
556869.40 3777513.38 41.10568 (23010916) 556889.40
3777513.38 42.82276 (23010916)
556909.40 3777513.38 42.85226 (23010916) 556929.40
3777513.38 41.11941 (23010916)
556949.40 3777513.38 37.78223 (23010916) 556969.40
3777513.38 35.75440 (21123120)
556989.40 3777513.38 35.03685 (23042018) 557009.40

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                              *** 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)
 -
- -
        557029.40   3777513.38   31.33690 (23042018)   557049.40
3777513.38   28.34779 (23042018)
        557069.40   3777513.38   24.99821 (23011817)   557089.40
3777513.38   21.95308 (23011817)
        557109.40   3777513.38   20.73940 (21121516)   557129.40
3777513.38   20.21488 (21120716)
        557149.40   3777513.38   21.64220 (21120716)   557169.40
3777513.38   22.73515 (21120716)
        557189.40   3777513.38   23.47413 (21120716)   557209.40
3777513.38   23.90343 (21120716)
        557229.40   3777513.38   23.98862 (21120716)   557249.40
3777513.38   23.81318 (21120716)
        557269.40   3777513.38   23.37268 (21120716)   557289.40
3777513.38   22.72029 (21120716)
        557309.40   3777513.38   21.90599 (21120716)   557329.40
3777513.38   20.95594 (21120716)
        557349.40   3777513.38   19.90559 (21120716)   557369.40
3777513.38   18.78895 (21120716)
        557389.40   3777513.38   17.64239 (21120716)   557409.40

3777513.38 16.48375 (21120716)
557429.40 3777513.38 15.32242 (21120716) 557449.40
3777513.38 14.18869 (21120716)
557469.40 3777513.38 13.09330 (21120716) 557489.40
3777513.38 12.04327 (21120716)
556509.40 3777533.38 53.29612 (21120317) 556529.40
3777533.38 54.75771 (21120317)
556549.40 3777533.38 55.58354 (19020122) 556569.40
3777533.38 57.24776 (20120917)
556589.40 3777533.38 58.71454 (20120917) 556609.40
3777533.38 59.37846 (21090724)
556629.40 3777533.38 60.02212 (21090724) 556649.40
3777533.38 59.03928 (21090724)
556669.40 3777533.38 56.16743 (21090724) 556689.40
3777533.38 51.83416 (21090724)
556709.40 3777533.38 46.25482 (21092219) 556729.40
3777533.38 46.25578 (18061906)
556749.40 3777533.38 49.90058 (18061906) 556769.40
3777533.38 51.43822 (18061906)
556789.40 3777533.38 50.25485 (18061906) 556809.40
3777533.38 46.13187 (18061906)
556829.40 3777533.38 39.58869 (18061906) 556849.40
3777533.38 36.72289 (18010618)
556869.40 3777533.38 36.91892 (23010916) 556889.40
3777533.38 38.63386 (23010916)
556909.40 3777533.38 38.94656 (23010916) 556929.40
3777533.38 37.76113 (23010916)
556949.40 3777533.38 35.17860 (23010916) 556969.40
3777533.38 32.99559 (21123120)
556989.40 3777533.38 32.52440 (21123120) 557009.40
3777533.38 31.32564 (21123120)
557029.40 3777533.38 29.66060 (23042018) 557049.40
3777533.38 27.36978 (23042018)
557069.40 3777533.38 24.80778 (23011817) 557089.40
3777533.38 22.14311 (23011817)
557109.40 3777533.38 19.46987 (23011817) 557129.40
3777533.38 18.65835 (21121516)
557149.40 3777533.38 17.86523 (21120716) 557169.40
3777533.38 19.13958 (21120716)
557189.40 3777533.38 20.15321 (21120716) 557209.40
3777533.38 20.90850 (21120716)
557229.40 3777533.38 21.35395 (21120716) 557249.40
3777533.38 21.56256 (21120716)
557269.40 3777533.38 21.50882 (21120716) 557289.40
3777533.38 21.23983 (21120716)
557309.40 3777533.38 20.77932 (21120716) 557329.40
3777533.38 20.15783 (21120716)
557349.40 3777533.38 19.40743 (21120716) 557369.40
3777533.38 18.55226 (21120716)
557389.40 3777533.38 17.62074 (21120716) 557409.40

3777533.38   16.65628 (21120716)
        557429.40   3777533.38   15.65758 (21120716)   557449.40
3777533.38   14.65375 (21120716)
        557469.40   3777533.38   13.65107 (21120716)   557489.40
3777533.38   12.67114 (21120716)
        556509.40   3777553.38   51.07271 (21120317)   556529.40
3777553.38   51.82531 (19020122)
        556549.40   3777553.38   53.01811 (20120917)   556569.40
3777553.38   54.67455 (20120917)
        556589.40   3777553.38   55.24426 (20120917)   556609.40
3777553.38   56.00544 (21090724)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                  L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                  L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                  L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                             *** 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)
 -
- -
        556629.40   3777553.38   55.65590 (21090724)   556649.40
3777553.38   53.85001 (21090724)
        556669.40   3777553.38   50.27173 (21090724)   556689.40
3777553.38   45.62029 (21090724)
        556709.40   3777553.38   40.18358 (21123117)   556729.40
3777553.38   43.72775 (18061906)
        556749.40   3777553.38   46.57331 (18061906)   556769.40
3777553.38   47.44468 (18061906)
        556789.40   3777553.38   45.86552 (18061906)   556809.40

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3777553.38       41.72134  (18061906)
        556829.40   3777553.38       35.52195  (18061906)                556849.40
3777553.38       34.14464  (18010618)
        556869.40   3777553.38       33.47462  (18010618)                556889.40
3777553.38       34.98960  (23010916)
        556909.40   3777553.38       35.50762  (23010916)                556929.40
3777553.38       34.75325  (23010916)
        556949.40   3777553.38       32.75990  (23010916)                556969.40
3777553.38       30.47384  (23021404)
        556989.40   3777553.38       30.30054  (21123120)                557009.40
3777553.38       29.55517  (21123120)
        557029.40   3777553.38       28.13546  (21123120)                557049.40
3777553.38       26.39477  (23011817)
        557069.40   3777553.38       24.37137  (23011817)                557089.40
3777553.38       22.08691  (23011817)
        557109.40   3777553.38       19.69058  (23011817)                557129.40
3777553.38       17.48547  (21121516)
        557149.40   3777553.38       16.87469  (21121516)                557169.40
3777553.38       16.04154  (21121516)
        557189.40   3777553.38       17.01274  (21120716)                557209.40
3777553.38       17.96154  (21120716)
        557229.40   3777553.38       18.67749  (21120716)                557249.40
3777553.38       19.16495  (21120716)
        557269.40   3777553.38       19.43107  (21120716)                557289.40
3777553.38       19.48594  (21120716)
        557309.40   3777553.38       19.34427  (21120716)                557329.40
3777553.38       19.02919  (21120716)
        557349.40   3777553.38       18.56898  (21120716)                557369.40
3777553.38       17.98233  (21120716)
        557389.40   3777553.38       17.28800  (21120716)                557409.40
3777553.38       16.52637  (21120716)
        557429.40   3777553.38       15.70812  (21120716)                557449.40
3777553.38       14.85660  (21120716)
        557469.40   3777553.38       13.98300  (21120716)                557489.40
3777553.38       13.09948  (21120716)
        557438.91   3777336.71       11.79495  (20022420)                556615.91
3777136.99      302.30166  (19011716)
        556586.37   3777056.16      140.57382  (19022020)                556672.35
3776929.14       95.44844  (23122020)
        556692.35   3776929.14       95.98004  (23122020)                556712.35
3776929.14       92.32033  (23122020)
        556732.35   3776929.14       92.04201  (20022020)                556752.35
3776929.14       93.29043  (20022020)
        556772.35   3776929.14       93.74554  (19090505)                556792.35
3776929.14       97.74927  (18020819)
        556812.35   3776929.14       97.69563  (18020419)                556832.35
3776929.14       97.35309  (18020419)
        556852.35   3776929.14       94.42547  (20093018)                556672.35
3776949.14      101.42766  (23122020)
        556692.35   3776949.14      104.68229  (23122020)                556712.35
```

3776949.14   103.91315 (23122020)
        556732.35   3776949.14   98.98988 (23092719)   556752.35
3776949.14   102.97995 (20022020)
        556772.35   3776949.14   102.75755 (18123118)   556792.35
3776949.14   105.07376 (18020819)
        556812.35   3776949.14   106.50214 (18020419)   556832.35
3776949.14   106.86377 (18020419)
        556852.35   3776949.14   103.31462 (20093018)   556672.35
3776969.14   107.40242 (20012024)
        556692.35   3776969.14   112.60452 (23122020)   556712.35
3776969.14   115.38919 (23122020)
        556732.35   3776969.14   112.37903 (23122020)   556752.35
3776969.14   111.54473 (20022020)
        556772.35   3776969.14   114.12832 (20022020)   556792.35
3776969.14   114.46173 (18020819)
        556812.35   3776969.14   116.68929 (18020419)   556832.35
3776969.14   118.06800 (18020419)
        556852.35   3776969.14   113.84482 (20093018)   556672.35
3776989.14   116.42729 (20012024)
        556692.35   3776989.14   119.44510 (20012024)   556712.35
3776989.14   126.21908 (23122020)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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)
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        556732.35   3776989.14      127.72459  (23122020)                556752.35
3776989.14      121.64347  (23092719)
        556772.35   3776989.14      126.74482  (20022020)                556792.35
3776989.14      127.64197  (19090505)
        556812.35   3776989.14      131.23667  (18020819)                556832.35
3776989.14      131.47402  (18020419)
        556852.35   3776989.14      126.50257  (20093018)                556672.35
3777009.14      124.52457  (19011720)
        556692.35   3777009.14      130.96502  (20012024)                556712.35
3777009.14      135.69523  (23122020)
        556732.35   3777009.14      142.89817  (23122020)                556752.35
3777009.14      141.55261  (23122020)
        556772.35   3777009.14      140.42415  (20022020)                556792.35
3777009.14      141.66823  (20022020)
        556812.35   3777009.14      146.87501  (18020819)                556832.35
3777009.14      147.60041  (18020419)
        556852.35   3777009.14      141.94476  (20093018)                556672.35
3777029.14      136.82585  (21022319)
        556692.35   3777029.14      140.83586  (19011720)                556712.35
3777029.14      149.48979  (20012024)
        556732.35   3777029.14      156.82310  (23122020)                556752.35
3777029.14      163.14389  (23122020)
        556772.35   3777029.14      156.32564  (23092719)                556792.35
3777029.14      162.30953  (20022020)
        556812.35   3777029.14      165.49018  (18020819)                556832.35
3777029.14      167.34898  (18020419)
        556852.35   3777029.14      161.06452  (20093018)                556672.35
3777049.14      149.23572  (21022319)
        556692.35   3777049.14      156.34174  (21022319)                556712.35
3777049.14      162.26368  (19011720)
        556732.35   3777049.14      173.86900  (20012024)                556752.35
3777049.14      184.35668  (23122020)
        556772.35   3777049.14      187.10883  (23122020)                556792.35
3777049.14      186.03262  (20022020)
        556812.35   3777049.14      188.22933  (19090505)                556832.35
3777049.14      191.89258  (18020419)
        556852.35   3777049.14      185.15921  (20093018)                556927.54
3776959.53       98.06619  (20013018)
        556947.54   3776959.53       95.52769  (21092021)                556967.54
3776959.53       91.49394  (21120220)
        556987.54   3776959.53       85.19255  (21120220)                557007.54
3776959.53       75.72938  (21120220)
        557027.54   3776959.53       64.75055  (21120220)                557047.54
3776959.53       53.50951  (21120220)
        557067.54   3776959.53       42.94621  (21120220)                557087.54
3776959.53       34.27536  (21072601)
        556927.54   3776979.53      107.85674  (20013018)                556947.54
3776979.53      103.71702  (21120220)
        556967.54   3776979.53       97.49439  (21120220)                556987.54
```

3776979.53   87.97744 (21120220)
        557007.54   3776979.53   75.63015 (21120220)   557027.54
3776979.53   62.52141 (21120220)
        557047.54   3776979.53   49.98738 (21120220)   557067.54
3776979.53   39.41451 (21072601)
        557087.54   3776979.53   30.95832 (21072601)   556927.54
3776999.53   119.31606 (21092021)
        556947.54   3776999.53   113.08597 (21120220)   556967.54
3776999.53   103.17597 (21120220)
        556987.54   3776999.53   89.22405 (21120220)   557007.54
3776999.53   73.83663 (21120220)
        557027.54   3776999.53   58.83544 (21120220)   557047.54
3776999.53   45.77337 (21072601)
        557067.54   3776999.53   35.59279 (21072601)   557087.54
3776999.53   29.01169 (19102605)
        556927.54   3777019.53   131.73320 (21120220)   556947.54
3777019.53   121.69287 (21120220)
        556967.54   3777019.53   106.62932 (21120220)   556987.54
3777019.53   88.36890 (21120220)
        557007.54   3777019.53   70.14629 (21120220)   557027.54
3777019.53   53.85637 (21072601)
        557047.54   3777019.53   41.39202 (21072601)   557067.54
3777019.53   33.24549 (19102605)
        557087.54   3777019.53   28.20080 (21030317)   556927.54
3777039.53   146.08738 (21120220)
        556947.54   3777039.53   128.58380 (21120220)   556967.54
3777039.53   107.51173 (21120220)
        556987.54   3777039.53   84.98435 (21120220)   557007.54
3777039.53   64.52385 (21120220)
        557027.54   3777039.53   48.77412 (21072601)   557047.54
3777039.53   38.55739 (19102605)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

*** 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)
557067.54	3777039.53	33.89840	(21030317)	557087.54	3777039.53	32.51614	(21030317)
557047.54	3777059.53	41.00188	(21030317)	557067.54	3777059.53	38.97296	(19061806)
557087.54	3777059.53	38.09855	(19061806)	556919.02	3777174.93	195.40729	(19061806)
556939.02	3777174.93	150.14372	(19090218)	556919.02	3777194.93	226.46318	(21120716)
556939.02	3777194.93	162.01056	(18121016)	556919.02	3777214.93	261.47111	(21120716)
556939.02	3777214.93	184.44022	(18121016)	556919.02	3777234.93	322.78531	(21120716)
556939.02	3777234.93	219.24272	(21120716)	556919.02	3777254.93	346.67181	(21120716)
556939.02	3777254.93	245.61119	(21120716)	557023.57	3777171.57	64.97451	(19061806)
557043.57	3777171.57	55.24640	(19041718)	557063.57	3777171.57	48.75783	(19041718)
557083.57	3777171.57	43.40871	(19041718)	557023.57	3777191.57	72.51592	(19041718)
557043.57	3777191.57	62.96895	(19041718)	557063.57	3777191.57	55.23165	(19041718)
557083.57	3777191.57	48.92297	(19041718)	557023.57	3777211.57	76.14613	(19041718)
557043.57	3777211.57	66.07550	(19041718)	557063.57	3777211.57	57.88493	(19041718)
557083.57	3777211.57	50.74114	(19041718)	557023.57	3777231.57	74.16778	(18121016)
557043.57	3777231.57	63.52335	(19041718)	557063.57	3777231.57	55.99122	(19041718)
557083.57	3777231.57	48.60847	(19041718)	557023.57	3777251.57	77.71249	(21120716)
557043.57	3777251.57	65.29245	(18121016)	557063.57	3777251.57	55.52681	(18121016)
557083.57	3777251.57	47.67854	(18121016)	556249.05	3776972.85	53.33930	(18010518)
556269.05	3776972.85	59.36404	(18010518)	556229.05	3776992.85	48.66686	(20022718)
556249.05	3776992.85	53.90270	(20022718)	556269.05			

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3776992.85       56.56744  (20022718)
        556289.05   3776992.85       61.60104  (20121018)                556309.05
3776992.85       67.20692  (18010518)
        556329.05   3776992.85       76.87698  (18010518)                556209.05
3777012.85       43.68384  (23122118)
        556229.05   3777012.85       49.47342  (18022020)                556249.05
3777012.85       53.16828  (20022718)
        556269.05   3777012.85       56.44225  (20022718)                556289.05
3777012.85       59.38023  (20022718)
        556309.05   3777012.85       64.07400  (20022718)                556329.05
3777012.85       66.96920  (20121018)
        556209.05   3777032.85       44.68367  (20021919)                556229.05
3777032.85       47.65504  (18022020)
        556249.05   3777032.85       52.61034  (18022020)                556269.05
3777032.85       55.27214  (18022020)
        556289.05   3777032.85       57.70396  (18022020)                556309.05
3777032.85       61.25815  (20022718)
        556209.05   3777052.85       46.28920  (20021919)                556229.05
3777052.85       48.81318  (20021919)
        556249.05   3777052.85       50.82966  (20021919)                556269.05
3777052.85       52.94736  (20021919)
        556289.05   3777052.85       55.05161  (20021919)                556309.05
3777052.85       58.26857  (18022020)
        556249.05   3777072.85       51.42741  (20021919)                556269.05
3777072.85       54.07213  (20021919)
        556289.05   3777072.85       56.88324  (20021919)                556269.05
3777092.85       53.48936  (20021919)
        556441.69   3776927.49       99.41469  (19100519)                556461.69
3776927.49      101.36758  (21113019)
        556481.69   3776927.49      103.83663  (19122922)                556421.69
3776947.49       99.74393  (20121319)
        556441.69   3776947.49      102.82050  (21120705)                556461.69
3776947.49      105.79371  (19100519)
        556481.69   3776947.49      109.03921  (21113019)                556401.69
3776967.49       98.11444  (20121319)
        556421.69   3776967.49      103.68683  (20121319)                556441.69
3776967.49      108.78493  (20121319)
        556461.69   3776967.49      110.33700  (20121319)                556481.69
3776967.49      113.91862  (21120705)
        556401.69   3776987.49       95.82118  (19120818)                556421.69
3776987.49      104.09840  (20121319)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , . . . ,

*** 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)
556441.69	3776987.49	111.40435	(20121319)	556461.69	3776987.49	117.11631	(20121319)
556481.69	3776987.49	119.24402	(20121319)	556421.69	3777007.49	104.65727	(19120818)
556441.69	3777007.49	110.35671	(20121319)	556461.69	3777007.49	120.02806	(20121319)
556481.69	3777007.49	126.31144	(20121319)	556441.69	3777027.49	114.12930	(23091119)
556461.69	3777027.49	121.40136	(19120818)	556481.69	3777027.49	127.77792	(20121319)
556251.24	3777154.95	51.08276	(18021319)	556261.28	3777141.20	52.33612	(20012618)
556264.98	3777168.16	52.43505	(18021319)	556279.25	3777151.77	54.98634	(18021319)
556202.60	3777113.45	45.01343	(23090619)	556220.05	3777109.75	46.67494	(23090619)
556187.53	3777090.19	42.00901	(23090619)	556164.27	3777121.38	40.78638	(23090619)
557510.26	3776508.23	10.15227	(23010403)	557530.26	3776508.23	9.76440	(18120419)
557550.26	3776508.23	9.41950	(19022622)	557570.26	3776508.23	9.09908	(19011919)
557590.26	3776508.23	8.86550	(19011919)	557610.26	3776508.23	8.69745	(19011919)
557630.26	3776508.23	8.44609	(19011919)	557650.26	3776508.23	8.28777	(19013002)
557670.26	3776508.23	8.03492	(19013002)	557690.26	3776508.23	7.71566	(19013002)
557510.26	3776528.23	9.83166	(18120419)	557530.26			

3776528.23 9.48546 (19013005)
557550.26 3776528.23 9.14958 (19013005) 557570.26
3776528.23 8.79705 (21020122)
557590.26 3776528.23 8.56857 (21020122) 557610.26
3776528.23 8.35445 (19013002)
557630.26 3776528.23 8.20783 (19013002) 557650.26
3776528.23 8.06213 (19013002)
557670.26 3776528.23 7.76211 (18120923) 557690.26
3776528.23 7.56166 (18120923)
557510.26 3776548.23 9.44308 (19013005) 557530.26
3776548.23 9.16637 (21020122)
557550.26 3776548.23 8.74359 (21020122) 557570.26
3776548.23 8.38195 (21020122)
557590.26 3776548.23 8.18168 (18020623) 557610.26
3776548.23 7.95513 (18020623)
557630.26 3776548.23 7.82027 (18120923) 557650.26
3776548.23 7.73344 (18120923)
557670.26 3776548.23 7.62300 (19021319) 557690.26
3776548.23 7.71757 (19021319)
557510.26 3776568.23 9.00100 (21020122) 557530.26
3776568.23 8.75317 (21020122)
557550.26 3776568.23 8.36655 (18020623) 557570.26
3776568.23 7.98377 (18020623)
557590.26 3776568.23 7.74840 (18020623) 557610.26
3776568.23 7.58498 (18120923)
557630.26 3776568.23 7.51303 (19021319) 557650.26
3776568.23 7.69079 (19021319)
557670.26 3776568.23 7.73829 (19021319) 557690.26
3776568.23 7.76066 (19021319)
557510.26 3776588.23 8.51599 (18020623) 557530.26
3776588.23 8.32502 (18020623)
557550.26 3776588.23 7.95846 (18020623) 557570.26
3776588.23 7.51592 (18120923)
557590.26 3776588.23 7.32492 (19021319) 557610.26
3776588.23 7.40070 (19021319)
557630.26 3776588.23 7.56692 (19021319) 557650.26
3776588.23 7.69213 (19021319)
557670.26 3776588.23 7.75895 (19021319) 557690.26
3776588.23 7.80554 (19021319)
557510.26 3776608.23 7.99048 (19012824) 557530.26
3776608.23 7.79054 (19012824)
557550.26 3776608.23 7.45705 (18020719) 557570.26
3776608.23 7.35734 (19021319)
557590.26 3776608.23 7.30772 (23122906) 557610.26
3776608.23 7.34689 (23122906)
557630.26 3776608.23 7.45878 (23122906) 557650.26
3776608.23 7.52629 (19021319)
557670.26 3776608.23 7.53633 (19021319) 557690.26
3776608.23 7.51835 (19021319)
557510.26 3776628.23 7.54498 (18020719) 557530.26

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                                *** 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)
 -
- -
        557550.26   3776628.23   7.39918 (23122906)   557570.26
3776628.23   7.50838 (23122906)
        557590.26   3776628.23   7.30652 (23122906)   557610.26
3776628.23   7.30038 (23122906)
        557630.26   3776628.23   7.32917 (23122906)   557650.26
3776628.23   7.40328 (23122906)
        557670.26   3776628.23   7.38108 (23122906)   557690.26
3776628.23   7.35816 (23122906)
        557510.26   3776648.23   7.42395 (23122906)   557530.26
3776648.23   7.40844 (20120824)
        557550.26   3776648.23   7.32506 (20120824)   557570.26
3776648.23   6.50535 (20120824)
        557590.26   3776648.23   6.51137 (20120824)   557610.26
3776648.23   6.30779 (20120824)
        557630.26   3776648.23   6.47436 (20120824)   557650.26
3776648.23   6.68533 (20120824)
        557670.26   3776648.23   6.62223 (20120824)   557690.26
3776648.23   6.74627 (20120824)
        557510.26   3776668.23   6.15427 (20120824)   557530.26

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3776668.23        5.79392  (23122906)
        557550.26   3776668.23        5.40986  (23122906)                557570.26
3776668.23        5.02203  (23122906)
        557590.26   3776668.23        5.38256  (23122906)                557610.26
3776668.23        4.78858  (23122906)
        557630.26   3776668.23        4.94290  (23122906)                557650.26
3776668.23        5.28306  (23122906)
        557670.26   3776668.23        5.26037  (23122906)                557690.26
3776668.23        5.33699  (23122906)
        557510.26   3776688.23        4.84109  (23122906)                557530.26
3776688.23        4.63609  (23122906)
        557550.26   3776688.23        4.36556  (21121716)                557570.26
3776688.23        4.29628  (21121716)
        557590.26   3776688.23        4.28680  (19122315)                557610.26
3776688.23        4.25580  (19122315)
        557630.26   3776688.23        4.20398  (19122315)                557650.26
3776688.23        4.13441  (21030317)
        557670.26   3776688.23        4.16854  (21030317)                557690.26
3776688.23        4.18847  (21030317)
        556172.49   3776517.81       49.08237  (20022122)                556192.49
3776517.81       49.27306  (20022122)
        556212.49   3776517.81       49.73115  (19111219)                556232.49
3776517.81       50.71736  (19101219)
        556252.49   3776517.81       51.26114  (19101219)                556272.49
3776517.81       52.47289  (19120401)
        556292.49   3776517.81       52.71948  (19120401)                556312.49
3776517.81       54.01534  (20012518)
        556332.49   3776517.81       54.04698  (20012518)                556352.49
3776517.81       53.61374  (21101320)
        556372.49   3776517.81       55.42886  (20012218)                556392.49
3776517.81       56.07105  (20012218)
        556412.49   3776517.81       55.41412  (20012218)                556432.49
3776517.81       54.38992  (20013119)
        556452.49   3776517.81       56.36737  (20090403)                556472.49
3776517.81       57.00673  (20090403)
        556492.49   3776517.81       56.84562  (20081521)                556172.49
3776537.81       49.51443  (20022122)
        556192.49   3776537.81       50.72093  (20022122)                556212.49
3776537.81       51.00941  (20022122)
        556232.49   3776537.81       51.28376  (19111219)                556252.49
3776537.81       52.42226  (19101219)
        556272.49   3776537.81       53.15110  (19120401)                556292.49
3776537.81       54.19719  (19120401)
        556312.49   3776537.81       54.67893  (20012518)                556332.49
3776537.81       55.59689  (20012518)
        556352.49   3776537.81       55.44329  (20012518)                556372.49
3776537.81       55.76351  (20012218)
        556392.49   3776537.81       57.48016  (20012218)                556412.49
3776537.81       57.64992  (20012218)
        556432.49   3776537.81       56.38530  (20012218)                556452.49
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3776537.81   56.92152 (20090403)
        556472.49   3776537.81   58.37259 (20090403)   556492.49
3776537.81   58.30168 (20090403)
        556332.49   3776557.81   56.42368 (20012518)   556352.49
3776557.81   57.42964 (20012518)
        556372.49   3776557.81   56.84926 (20012518)   556392.49
3776557.81   58.14907 (20012218)
        556412.49   3776557.81   59.27248 (20012218)   556432.49
3776557.81   59.00752 (20012218)
        556452.49   3776557.81   57.51069 (20013119)   556472.49
3776557.81   59.37259 (20090403)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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)
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- -
        556492.49   3776557.81   60.13062 (20090403)   556332.49
3776577.81   57.62697 (19120401)
        556352.49   3776577.81   58.52936 (20012518)   556372.49
3776577.81   59.02516 (20012518)
        556392.49   3776577.81   58.51879 (21101320)   556412.49
3776577.81   60.32081 (20012218)
        556432.49   3776577.81   61.12981 (20012218)   556452.49
3776577.81   60.25261 (20012218)
        556472.49   3776577.81   59.84884 (20090403)   556492.49

3776577.81 61.56437 (20090403)
556332.49 3776597.81 58.79260 (19120401) 556352.49
3776597.81 59.35785 (19120401)
556372.49 3776597.81 60.57635 (20012518) 556392.49
3776597.81 60.87753 (20012518)
556412.49 3776597.81 60.87726 (20012218) 556432.49
3776597.81 62.69872 (20012218)
556452.49 3776597.81 62.95640 (20012218) 556472.49
3776597.81 61.34660 (20012218)
556492.49 3776597.81 62.58269 (20090403) 556252.49
3776617.81 56.26589 (20022122)
556272.49 3776617.81 57.60930 (20022122) 556292.49
3776617.81 57.87934 (19111219)
556312.49 3776617.81 57.99382 (19101219) 556332.49
3776617.81 59.48310 (19120401)
556352.49 3776617.81 60.90703 (19120401) 556372.49
3776617.81 61.19394 (20012518)
556392.49 3776617.81 62.57648 (20012518) 556412.49
3776617.81 62.20391 (20012518)
556432.49 3776617.81 63.64267 (20012218) 556452.49
3776617.81 64.88029 (20012218)
556472.49 3776617.81 64.55576 (20012218) 556492.49
3776617.81 63.16978 (20090403)
556252.49 3776637.81 56.49573 (21092222) 556272.49
3776637.81 57.96220 (20022122)
556292.49 3776637.81 59.54762 (20022122) 556312.49
3776637.81 59.95230 (19111219)
556332.49 3776637.81 59.97292 (19101219) 556352.49
3776637.81 61.69918 (19120401)
556372.49 3776637.81 62.96630 (19120401) 556392.49
3776637.81 63.79140 (20012518)
556412.49 3776637.81 64.65770 (20012518) 556432.49
3776637.81 64.29265 (21101320)
556452.49 3776637.81 66.38159 (20012218) 556472.49
3776637.81 67.08455 (20012218)
556492.49 3776637.81 65.85992 (20012218) 556252.49
3776657.81 56.81568 (19111818)
556272.49 3776657.81 58.31254 (21092222) 556292.49
3776657.81 60.02658 (20022122)
556312.49 3776657.81 61.95054 (20022122) 556332.49
3776657.81 61.80921 (19111219)
556352.49 3776657.81 61.90930 (19101219) 556372.49
3776657.81 63.95139 (19120401)
556392.49 3776657.81 65.49410 (19120401) 556412.49
3776657.81 66.42555 (20012518)
556432.49 3776657.81 66.98079 (20012518) 556452.49
3776657.81 67.17294 (20012218)
556472.49 3776657.81 69.08406 (20012218) 556492.49
3776657.81 69.06796 (20012218)
556252.49 3776677.81 56.43819 (19111818) 556272.49

3776677.81   59.22571 (19111818)
        556292.49   3776677.81   60.91916 (21092222)   556312.49
3776677.81   62.74727 (20022122)
        556332.49   3776677.81   63.74844 (20022122)   556352.49
3776677.81   63.83063 (19111219)
        556372.49   3776677.81   64.16518 (19120401)   556392.49
3776677.81   66.89975 (19120401)
        556412.49   3776677.81   67.75860 (19120401)   556432.49
3776677.81   69.12915 (20012518)
        556452.49   3776677.81   69.26842 (20012518)   556472.49
3776677.81   70.35346 (20012218)
        556492.49   3776677.81   71.62067 (20012218)   556252.49
3776697.81   56.09898 (18030202)
        556272.49   3776697.81   58.86295 (19111818)   556372.49
3776697.81   66.24786 (19111219)
        556392.49   3776697.81   67.55421 (19120401)   556412.49
3776697.81   69.76103 (19120401)
        556432.49   3776697.81   70.52568 (19120401)   556452.49
3776697.81   72.01969 (20012518)
        556472.49   3776697.81   71.45873 (20012518)   556492.49
3776697.81   73.48110 (20012218)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):   L0000088   , L0000089
, L0000090   , L0000091   , L0000092   ,
                 L0000093   , L0000094   , L0000095   , L0000096   , L0000097
, L0000098   , L0000099   , L0000100   ,
                 L0000101   , L0000102   , L0000103   , L0000104   , L0000105
, L0000106   , L0000107   , L0000108   ,
                 L0000109   , L0000110   , L0000111   , L0000112   , L0000113
, L0000114   , L0000115   , . . .   ,

                                          *** 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)
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556252.49   3776717.81       59.31316  (19122922)                556272.49
3776717.81       58.98913  (19122922)
        556372.49   3776717.81       68.58345  (20022122)                556392.49
3776717.81       69.48660  (19111219)
        556412.49   3776717.81       70.65065  (19120401)                556432.49
3776717.81       72.87531  (19120401)
        556452.49   3776717.81       73.78582  (20012518)                556472.49
3776717.81       74.30469  (20012518)
        556492.49   3776717.81       74.59448  (20012218)                556267.40
3776875.81       67.38777  (20121319)
        556239.03   3776853.02       64.70455  (20121319)                556178.76
3776751.21       53.43626  (21120705)
        556154.45   3776774.51       54.07015  (20121319)                556119.50
3776705.11       48.70296  (21120705)
        556146.51   3777267.93       35.72498  (20090319)                556151.00
3777234.88       36.45685  (18122217)
        556144.93   3777179.58       38.06740  (21122405)                556205.18
3777236.46       41.19914  (18122217)
        556218.00   3777200.04       43.92335  (21021521)                556772.00
3777345.97      139.07180  (21090724)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556521.71   3777341.57       82.08424  (18121718)                556539.90
3777344.94       87.25641  (19020122)
        556591.78   3777345.39       96.13182  (21090724)                556630.62
3777349.66      106.00283  (18061906)
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        556684.29   3777349.43      105.30428  (20090519)              556905.58
3777351.19      419.68814  (18061906)
        556920.93   3777350.82      407.34591  (23010916)              556942.87
3777350.09      348.39419  (23010916)
        556996.26   3777348.26      242.36028  (21120716)              557096.81
3777357.77       76.35123  (21120716)
        557115.83   3777363.62       64.11041  (21120716)              557129.36
3777361.43       53.99799  (21120716)
        557230.65   3777363.99       26.27083  (18121016)              556466.22
3776816.07       62.48571  (19101219)
        556407.87   3776826.19       67.70737  (20022122)              556381.07
3776807.14       65.46233  (20022122)
        556404.29   3776771.52       59.35586  (19111219)              556465.21
3776739.51       54.98778  (20012518)
        556396.10   3776739.93       56.36638  (19101219)              556323.99
3777265.43       56.32444  (18060706)
        556330.60   3777233.99       63.84106  (21021521)              556321.08
3777200.43       69.77091  (18021319)
        556275.11   3777267.81       47.12597  (18060706)              556278.28
3777233.46       51.88094  (21021521)
        556509.40   3777373.38       67.59914  (21120317)              556529.40
3777373.38       71.96728  (20120917)
        556549.40   3777373.38       76.47325  (21022818)              556569.40
3777373.38       77.65314  (21090724)
        556589.40   3777373.38       70.55095  (21090724)              556609.40
3777373.38       76.11940  (18061906)
        556629.40   3777373.38       84.68500  (18061906)              556649.40
3777373.38       82.30058  (20020718)
        556669.40   3777373.38       90.36700  (18121618)              556689.40
3777373.38       99.42448  (18121618)
        556709.40   3777373.38      114.15258  (19120817)              556729.40
3777373.38      132.11909  (19120817)
        556749.40   3777373.38      150.02021  (21021119)              556769.40
3777373.38      168.52414  (18020919)
        556789.40   3777373.38      190.11690  (23121917)              556809.40
3777373.38      214.13466  (19013018)
        556829.40   3777373.38      240.37530  (21120317)              556849.40
3777373.38      262.88374  (21090724)
        556869.40   3777373.38      260.94936  (18061906)              556889.40
3777373.38      308.98367  (18061906)
        556909.40   3777373.38      272.83742  (18061906)              556929.40
3777373.38      271.45807  (23010916)
        556949.40   3777373.38      230.27680  (23010916)              556969.40
3777373.38      183.82669  (23042018)
        556989.40   3777373.38      163.59428  (21120716)              557009.40
3777373.38      161.87982  (21120716)
        557029.40   3777373.38      147.68973  (21120716)              557049.40
3777373.38      128.08090  (21120716)
        557069.40   3777373.38      107.70895  (21120716)              557089.40
3777373.38       89.05485  (21120716)
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        557109.40   3777373.38       72.91032  (21120716)               557129.40
3777373.38       59.39654  (21120716)
        557149.40   3777373.38       48.29146  (21120716)               557169.40
3777373.38       39.27509  (21120716)
        557189.40   3777373.38       33.43022  (18121016)               557209.40
3777373.38       29.85572  (18121016)
        557229.40   3777373.38       26.73248  (18121016)               557249.40
3777373.38       24.00060  (18121016)
        557269.40   3777373.38       21.60677  (18121016)               557289.40
3777373.38       19.84309  (20120821)
        557309.40   3777373.38       18.61911  (20022420)               557329.40
3777373.38       17.51064  (20022420)
        557349.40   3777373.38       16.54461  (20022420)               557369.40
3777373.38       15.63580  (20022420)
        557389.40   3777373.38       14.80284  (20022420)               557409.40
3777373.38       14.03680  (20022420)
        557429.40   3777373.38       13.31057  (20022420)               557449.40
3777373.38       12.66400  (20022420)
        557469.40   3777373.38       12.04982  (20022420)               557489.40
3777373.38       11.44599  (20022420)
        556509.40   3777393.38       61.24478  (19020122)               556529.40
3777393.38       65.39402  (20120917)
        556549.40   3777393.38       67.47861  (21090724)               556569.40
3777393.38       64.78654  (21090724)
        556589.40   3777393.38       61.66174  (20020718)               556609.40
3777393.38       67.08463  (18061906)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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556629.40 3777393.38 72.30706 (18121618) 556649.40
3777393.38 78.28241 (19121318)
556669.40 3777393.38 88.66759 (19120817) 556689.40
3777393.38 100.69313 (19120817)
556709.40 3777393.38 112.29436 (19120817) 556729.40
3777393.38 124.64068 (21021119)
556749.40 3777393.38 137.89944 (18020919) 556769.40
3777393.38 151.89746 (23121917)
556789.40 3777393.38 168.56408 (19013018) 556809.40
3777393.38 187.16033 (21120317)
556829.40 3777393.38 204.44893 (20120917) 556849.40
3777393.38 210.87381 (21090724)
556869.40 3777393.38 212.47980 (18061906) 556889.40
3777393.38 237.05684 (18061906)
556909.40 3777393.38 201.43401 (18061906) 556929.40
3777393.38 200.30630 (23010916)
556949.40 3777393.38 182.79961 (23010916) 556969.40
3777393.38 148.84475 (23042018)
556989.40 3777393.38 122.16965 (23042018) 557009.40
3777393.38 118.39086 (21120716)
557029.40 3777393.38 119.02558 (21120716) 557049.40
3777393.38 112.33376 (21120716)
557069.40 3777393.38 101.51929 (21120716) 557089.40
3777393.38 89.09565 (21120716)
557109.40 3777393.38 76.68171 (21120716) 557129.40
3777393.38 65.04992 (21120716)
557149.40 3777393.38 54.79038 (21120716) 557169.40
3777393.38 45.86392 (21120716)
557189.40 3777393.38 38.28423 (21120716) 557209.40
3777393.38 31.93689 (21120716)
557229.40 3777393.38 26.62069 (21120716) 557249.40
3777393.38 24.11377 (18121016)
557269.40 3777393.38 21.94120 (18121016) 557289.40
3777393.38 19.99088 (18121016)
557309.40 3777393.38 18.24792 (18012318) 557329.40
3777393.38 17.20162 (18012318)
557349.40 3777393.38 16.20994 (18012318) 557369.40
3777393.38 15.31740 (20120821)
557389.40 3777393.38 14.52714 (20120821) 557409.40
3777393.38 13.78881 (20022420)
557429.40 3777393.38 13.13647 (20022420) 557449.40
3777393.38 12.54041 (20022420)
557469.40 3777393.38 11.95995 (20022420) 557489.40
3777393.38 11.39639 (20022420)
556509.40 3777413.38 56.50513 (20120917) 556529.40
3777413.38 58.60319 (21022818)
556549.40 3777413.38 58.89438 (21090724) 556569.40
3777413.38 55.29015 (18121618)
556589.40 3777413.38 59.34859 (18121618) 556609.40

3777413.38   63.83785 (23120617)
        556629.40   3777413.38   71.31434 (19120817)   556649.40
3777413.38   79.88183 (19120817)
        556669.40   3777413.38   88.21721 (19120817)   556689.40
3777413.38   96.80415 (21021119)
        556709.40   3777413.38   104.83279 (18020919)   556729.40
3777413.38   115.04499 (18020919)
        556749.40   3777413.38   124.88568 (21021519)   556769.40
3777413.38   137.14181 (19013018)
        556789.40   3777413.38   150.28757 (21120317)   556809.40
3777413.38   162.39493 (20120917)
        556829.40   3777413.38   172.48832 (21090724)   556849.40
3777413.38   165.88331 (21090724)
        556869.40   3777413.38   177.16575 (18061906)   556889.40
3777413.38   186.97172 (18061906)
        556909.40   3777413.38   154.84875 (18061906)   556929.40
3777413.38   152.83836 (23010916)
        556949.40   3777413.38   147.08939 (23010916)   556969.40
3777413.38   119.24299 (23010916)
        556989.40   3777413.38   107.02780 (23042018)   557009.40
3777413.38   85.88603 (23042018)
        557029.40   3777413.38   90.12324 (21120716)   557049.40
3777413.38   91.69926 (21120716)
        557069.40   3777413.38   88.62348 (21120716)   557089.40
3777413.38   82.45603 (21120716)
        557109.40   3777413.38   74.65053 (21120716)   557129.40
3777413.38   66.12124 (21120716)
        557149.40   3777413.38   57.84144 (21120716)   557169.40
3777413.38   49.99946 (21120716)
        557189.40   3777413.38   42.93407 (21120716)   557209.40
3777413.38   36.69237 (21120716)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                          *** 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)
557229.40	3777413.38	31.22355	(21120716)	557249.40	3777413.38	26.51057	(21120716)
557269.40	3777413.38	22.48115	(21120716)	557289.40	3777413.38	19.84667	(18121016)
557309.40	3777413.38	18.28930	(18121016)	557329.40	3777413.38	16.86279	(18121016)
557349.40	3777413.38	15.91170	(18012318)	557369.40	3777413.38	15.06709	(18012318)
557389.40	3777413.38	14.32392	(18012318)	557409.40	3777413.38	13.61854	(18012318)
557429.40	3777413.38	12.91363	(18012318)	557449.40	3777413.38	12.30187	(20120821)
557469.40	3777413.38	11.76822	(20120821)	557489.40	3777413.38	11.23241	(20120821)
556509.40	3777433.38	51.47264	(20120917)	556529.40	3777433.38	52.66215	(21090724)
556549.40	3777433.38	50.66034	(21090724)	556569.40	3777433.38	53.35950	(23120617)
556589.40	3777433.38	58.94279	(19120817)	556609.40	3777433.38	65.28830	(19120817)
556629.40	3777433.38	71.52678	(19120817)	556649.40	3777433.38	77.63282	(21021119)
556669.40	3777433.38	83.89267	(21021119)	556689.40	3777433.38	90.78539	(18020919)
556709.40	3777433.38	97.45854	(21021519)	556729.40	3777433.38	104.86113	(21021519)
556749.40	3777433.38	114.49699	(19013018)	556769.40	3777433.38	123.84264	(21120317)
556789.40	3777433.38	132.51076	(19020122)	556809.40	3777433.38	141.94623	(20120917)
556829.40	3777433.38	143.99568	(21090724)	556849.40	3777433.38	128.69460	(21090724)
556869.40	3777433.38	148.98080	(18061906)	556889.40	3777433.38	150.63994	(18061906)
556909.40	3777433.38	122.50746	(18061906)	556929.40	3777433.38	119.60837	(23010916)
556949.40	3777433.38	119.79458	(23010916)	556969.40	3777433.38	103.45735	(23010916)
556989.40	3777433.38	91.49849	(23042018)	557009.40	3777433.38	79.48123	(23042018)
557029.40	3777433.38	65.89913	(21120716)	557049.40	3777433.38	71.34022	(21120716)
557069.40	3777433.38	73.13187	(21120716)	557089.40	3777433.38	71.83215	(21120716)

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        557109.40   3777433.38       68.27854  (21120716)                557129.40
3777433.38       63.18972  (21120716)
        557149.40   3777433.38       57.41380  (21120716)                557169.40
3777433.38       51.32416  (21120716)
        557189.40   3777433.38       45.41743  (21120716)                557209.40
3777433.38       39.84495  (21120716)
        557229.40   3777433.38       34.69065  (21120716)                557249.40
3777433.38       30.09071  (21120716)
        557269.40   3777433.38       25.98878  (21120716)                557289.40
3777433.38       22.37894  (21120716)
        557309.40   3777433.38       19.25233  (21120716)                557329.40
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        557349.40   3777433.38       15.64178  (20022421)                557369.40
3777433.38       14.80608  (20022421)
        557389.40   3777433.38       14.07425  (20022421)                557409.40
3777433.38       13.35943  (18012318)
        557429.40   3777433.38       12.71480  (18012318)                557449.40
3777433.38       12.15452  (18012318)
        557469.40   3777433.38       11.61897  (18012318)                557489.40
3777433.38       11.11162  (18012318)
        556509.40   3777453.38       46.94310  (21090724)                556529.40
3777453.38       46.73434  (21090724)
        556549.40   3777453.38       49.97431  (19120817)                556569.40
3777453.38       54.63939  (19120817)
        556589.40   3777453.38       59.40403  (19120817)                556609.40
3777453.38       63.83284  (19120817)
        556629.40   3777453.38       68.90680  (21021119)                556649.40
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3777453.38       84.49841  (21021519)
        556709.40   3777453.38       89.56624  (20090520)                556729.40
3777453.38       97.50209  (19013018)
        556749.40   3777453.38      104.18259  (21120317)                556769.40
3777453.38      111.67426  (21120317)
        556789.40   3777453.38      119.49042  (20120917)                556809.40
3777453.38      123.50734  (21090724)
 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
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                                 PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,
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*** 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)
556829.40	3777453.38	118.58762	(21090724)	556849.40	3777453.38	107.70939	(18061906)
556869.40	3777453.38	126.69148	(18061906)	556889.40	3777453.38	123.54764	(18061906)
556909.40	3777453.38	99.13998	(18061906)	556929.40	3777453.38	95.75467	(23010916)
556949.40	3777453.38	98.62768	(23010916)	556969.40	3777453.38	89.43012	(23010916)
556989.40	3777453.38	77.48897	(23042018)	557009.40	3777453.38	71.22481	(23042018)
557029.40	3777453.38	60.50395	(23042018)	557049.40	3777453.38	53.68787	(21120716)
557069.40	3777453.38	57.92284	(21120716)	557089.40	3777453.38	59.75569	(21120716)
557109.40	3777453.38	59.44939	(21120716)	557129.40	3777453.38	57.38425	(21120716)
557149.40	3777453.38	54.13880	(21120716)	557169.40	3777453.38	50.05152	(21120716)
557189.40	3777453.38	45.65580	(21120716)	557209.40	3777453.38	41.17323	(21120716)
557229.40	3777453.38	36.74032	(21120716)	557249.40	3777453.38	32.58190	(21120716)
557269.40	3777453.38	28.70133	(21120716)	557289.40	3777453.38	25.16659	(21120716)
557309.40	3777453.38	21.99967	(21120716)	557329.40	3777453.38	19.16988	(21120716)
557349.40	3777453.38	16.67121	(21120716)	557369.40	3777453.38	14.53590	(20022421)
557389.40	3777453.38	13.84929	(20022421)	557409.40	3777453.38	13.22987	(20022421)
557429.40	3777453.38	12.59463	(20022421)	557449.40	3777453.38	11.99214	(20022421)
557469.40	3777453.38	11.41188	(20022421)	557489.40	3777453.38	10.92260	(18012318)
556509.40	3777473.38	43.49626	(19120817)	556529.40	3777473.38	46.79468	(19120817)
556549.40	3777473.38	50.33538	(19120817)	556569.40	3777473.38	53.85321	(19120817)
556589.40	3777473.38	57.61371	(21021119)	556609.40			

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3777473.38       61.17670  (21021119)
        556629.40   3777473.38       65.25134  (18020919)               556649.40
3777473.38       69.64948  (18020919)
        556669.40   3777473.38       73.96331  (21021519)               556689.40
3777473.38       77.91051  (19013018)
        556709.40   3777473.38       84.20819  (19013018)               556729.40
3777473.38       89.45921  (18121718)
        556749.40   3777473.38       95.77260  (21120317)               556769.40
3777473.38      101.45617  (20120917)
        556789.40   3777473.38      105.57563  (21090724)               556809.40
3777473.38      105.97225  (21090724)
        556829.40   3777473.38       96.36885  (21090724)               556849.40
3777473.38       96.52665  (18061906)
        556869.40   3777473.38      108.56078  (18061906)               556889.40
3777473.38      102.92103  (18061906)
        556909.40   3777473.38       81.77272  (18061906)               556929.40
3777473.38       78.29551  (23010916)
        556949.40   3777473.38       82.28536  (23010916)               556969.40
3777473.38       77.40197  (23010916)
        556989.40   3777473.38       65.61514  (23010916)               557009.40
3777473.38       63.07450  (23042018)
        557029.40   3777473.38       56.41342  (23042018)               557049.40
3777473.38       47.36909  (23042018)
        557069.40   3777473.38       44.67950  (21120716)               557089.40
3777473.38       48.04435  (21120716)
        557109.40   3777473.38       49.80689  (21120716)               557129.40
3777473.38       49.97876  (21120716)
        557149.40   3777473.38       48.90425  (21120716)               557169.40
3777473.38       46.74657  (21120716)
        557189.40   3777473.38       43.94566  (21120716)               557209.40
3777473.38       40.72585  (21120716)
        557229.40   3777473.38       37.27772  (21120716)               557249.40
3777473.38       33.82026  (21120716)
        557269.40   3777473.38       30.41563  (21120716)               557289.40
3777473.38       27.18205  (21120716)
        557309.40   3777473.38       24.17275  (21120716)               557329.40
3777473.38       21.40524  (21120716)
        557349.40   3777473.38       18.88213  (21120716)               557369.40
3777473.38       16.61179  (21120716)
        557389.40   3777473.38       14.57751  (21120716)               557409.40
3777473.38       12.93440  (20022421)
 *** AERMOD - VERSION 23132  ***   ***
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 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 ,
L0000120 , L0000121 , L0000122 ,

*** 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)
557429.40	3777473.38	12.36897	(20022421)	557449.40	3777473.38	11.86919	(20022421)
557469.40	3777473.38	11.34920	(20022421)	557489.40	3777473.38	10.84430	(20022421)
556509.40	3777493.38	43.67869	(19120817)	556529.40	3777493.38	46.32020	(19120817)
556549.40	3777493.38	49.11233	(21021119)	556569.40	3777493.38	51.97939	(21021119)
556589.40	3777493.38	54.52289	(20020118)	556609.40	3777493.38	58.44146	(18020919)
556629.40	3777493.38	61.50709	(18020919)	556649.40	3777493.38	65.23362	(21021519)
556669.40	3777493.38	68.73177	(19013018)	556689.40	3777493.38	73.66033	(19013018)
556709.40	3777493.38	77.76579	(18121718)	556729.40	3777493.38	83.32746	(21120317)
556749.40	3777493.38	86.79990	(20120917)	556769.40	3777493.38	91.99158	(20120917)
556789.40	3777493.38	93.86019	(21090724)	556809.40	3777493.38	89.48713	(21090724)
556829.40	3777493.38	78.10116	(21090724)	556849.40	3777493.38	86.44123	(18061906)
556869.40	3777493.38	93.67367	(18061906)	556889.40	3777493.38	86.85694	(18061906)
556909.40	3777493.38	68.50041	(18061906)	556929.40	3777493.38	65.11170	(23010916)
556949.40	3777493.38	69.42827	(23010916)	556969.40	3777493.38	67.17326	(23010916)
556989.40	3777493.38	59.27810	(23010916)	557009.40	3777493.38	55.33321	(23042018)
557029.40	3777493.38	51.60280	(23042018)	557049.40	3777493.38	45.35120	(23042018)
557069.40	3777493.38	37.89033	(23042018)	557089.40	3777493.38	37.72245	(21120716)

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3777493.38       42.13646  (21120716)
        557149.40   3777493.38       42.62558  (21120716)               557169.40
3777493.38       42.09214  (21120716)
        557189.40   3777493.38       40.72419  (21120716)               557209.40
3777493.38       38.79420  (21120716)
        557229.40   3777493.38       36.41059  (21120716)               557249.40
3777493.38       33.78889  (21120716)
        557269.40   3777493.38       31.05591  (21120716)               557289.40
3777493.38       28.30551  (21120716)
        557309.40   3777493.38       25.61793  (21120716)               557329.40
3777493.38       23.06088  (21120716)
        557349.40   3777493.38       20.66124  (21120716)               557369.40
3777493.38       18.43381  (21120716)
        557389.40   3777493.38       16.39532  (21120716)               557409.40
3777493.38       14.54036  (21120716)
        557429.40   3777493.38       12.85403  (21120716)               557449.40
3777493.38       11.55807  (20022421)
        557469.40   3777493.38       11.13834  (20022421)               557489.40
3777493.38       10.70191  (20022421)
        556509.40   3777513.38       42.66931  (21021119)               556529.40
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        556549.40   3777513.38       47.06325  (21021119)               556569.40
3777513.38       49.77196  (18020919)
        556589.40   3777513.38       52.71891  (18020919)               556609.40
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3777513.38       61.23215  (19013018)
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3777513.38       68.36848  (18121718)
        556709.40   3777513.38       72.95938  (21120317)               556729.40
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        556749.40   3777513.38       80.65265  (20120917)               556769.40
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        556789.40   3777513.38       82.28769  (21090724)               556809.40
3777513.38       75.09336  (21090724)
        556829.40   3777513.38       64.48530  (18061906)               556849.40
3777513.38       77.49751  (18061906)
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3777513.38       58.56939  (23010916)
        556989.40   3777513.38       53.34276  (23010916)               557009.40
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 *** AERMOD - VERSION 23132  ***   ***
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01/06/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000083 , L0000084 , L0000085 , L0000086 , L0000087 ,
L0000120 , L0000121 , L0000122 ,

*** 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)
557029.40	3777513.38	46.62866	(23042018)	557049.40	3777513.38	42.58066	(23042018)
557069.40	3777513.38	37.00200	(23042018)	557089.40	3777513.38	30.81318	(23042018)
557109.40	3777513.38	32.27293	(21120716)	557129.40	3777513.38	34.61551	(21120716)
557149.40	3777513.38	36.11448	(21120716)	557169.40	3777513.38	36.74312	(21120716)
557189.40	3777513.38	36.56708	(21120716)	557209.40	3777513.38	35.76987	(21120716)
557229.40	3777513.38	34.40055	(21120716)	557249.40	3777513.38	32.68044	(21120716)
557269.40	3777513.38	30.67385	(21120716)	557289.40	3777513.38	28.51079	(21120716)
557309.40	3777513.38	26.29307	(21120716)	557329.40	3777513.38	24.07417	(21120716)
557349.40	3777513.38	21.90650	(21120716)	557369.40	3777513.38	19.82981	(21120716)
557389.40	3777513.38	17.87755	(21120716)	557409.40	3777513.38	16.05803	(21120716)
557429.40	3777513.38	14.36932	(21120716)	557449.40	3777513.38	12.82689	(21120716)
557469.40	3777513.38	11.42623	(21120716)	557489.40	3777513.38	10.42945	(20022421)
556509.40	3777533.38	41.30684	(21021119)	556529.40	3777533.38	42.95458	(20020118)
556549.40	3777533.38	45.48141	(18020919)	556569.40	3777533.38	47.64117	(18020919)
556589.40	3777533.38	49.86797	(21021519)	556609.40			

3777533.38 52.12262 (21021519)
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556549.40 3777553.38 43.29843 (18020919) 556569.40
3777553.38 45.42892 (21021519)
556589.40 3777553.38 47.10780 (21021519) 556609.40

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                          *** 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)
 -
- -
        556629.40   3777553.38   52.26845 (19013018)   556649.40
3777553.38   54.52863 (23123118)
        556669.40   3777553.38   57.36784 (21120317)   556689.40
3777553.38   59.77273 (19020122)
        556709.40   3777553.38   62.66410 (20120917)   556729.40
3777553.38   65.72737 (20120917)
        556749.40   3777553.38   66.99645 (21090724)   556769.40
3777553.38   66.02566 (21090724)
        556789.40   3777553.38   61.06243 (21090724)   556809.40
3777553.38   52.35062 (21090724)
        556829.40   3777553.38   55.82359 (18061906)   556849.40
3777553.38   62.67755 (18061906)
        556869.40   3777553.38   62.63609 (18061906)   556889.40
3777553.38   55.41038 (18061906)
        556909.40   3777553.38   43.15521 (18061906)   556929.40
3777553.38   40.83983 (23010916)
        556949.40   3777553.38   44.41296 (23010916)   556969.40
3777553.38   45.24513 (23010916)
        556989.40   3777553.38   43.14039 (23010916)   557009.40
3777553.38   38.60395 (23010916)
        557029.40   3777553.38   37.37971 (23042018)   557049.40
3777553.38   36.14451 (23042018)
        557069.40   3777553.38   33.46511 (23042018)   557089.40
3777553.38   29.78096 (23042018)

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        557109.40   3777553.38       25.58119  (23042018)               557129.40
3777553.38       23.34347  (21121516)
        557149.40   3777553.38       24.32550  (21120716)               557169.40
3777553.38       26.05672  (21120716)
        557189.40   3777553.38       27.29612  (21120716)               557209.40
3777553.38       28.02733  (21120716)
        557229.40   3777553.38       28.25531  (21120716)               557249.40
3777553.38       28.04078  (21120716)
        557269.40   3777553.38       27.44898  (21120716)               557289.40
3777553.38       26.54555  (21120716)
        557309.40   3777553.38       25.39588  (21120716)               557329.40
3777553.38       24.06804  (21120716)
        557349.40   3777553.38       22.62681  (21120716)               557369.40
3777553.38       21.11566  (21120716)
        557389.40   3777553.38       19.57136  (21120716)               557409.40
3777553.38       18.04854  (21120716)
        557429.40   3777553.38       16.56154  (21120716)               557449.40
3777553.38       15.13468  (21120716)
        557469.40   3777553.38       13.77622  (21120716)               557489.40
3777553.38       12.49346  (21120716)
        557438.91   3777336.71       13.61986  (19041718)               556615.91
3777136.99      480.18391  (21021217)
        556586.37   3777056.16      145.43116  (21060706)               556672.35
3776929.14       76.35343  (20012118)
        556692.35   3776929.14       79.88053  (20012118)               556712.35
3776929.14       78.18972  (20012118)
        556732.35   3776929.14       76.94533  (21020619)               556752.35
3776929.14       76.14141  (21022420)
        556772.35   3776929.14       76.67911  (18082105)               556792.35
3776929.14       79.14959  (20092721)
        556812.35   3776929.14       77.92192  (19122018)               556832.35
3776929.14       81.77589  (19122018)
        556852.35   3776929.14       83.24434  (21011719)               556672.35
3776949.14       79.21270  (18103003)
        556692.35   3776949.14       84.64023  (20012118)               556712.35
3776949.14       86.57897  (20012118)
        556732.35   3776949.14       83.36883  (21020619)               556752.35
3776949.14       84.69967  (19100220)
        556772.35   3776949.14       84.29941  (21022420)               556792.35
3776949.14       83.46925  (18082105)
        556812.35   3776949.14       83.82614  (20092721)               556832.35
3776949.14       88.26186  (19122018)
        556852.35   3776949.14       89.45939  (21011719)               556672.35
3776969.14       85.37028  (20091120)
        556692.35   3776969.14       87.89011  (21101320)               556712.35
3776969.14       93.38934  (20012118)
        556732.35   3776969.14       92.72881  (20012118)               556752.35
3776969.14       91.55388  (21020619)
        556772.35   3776969.14       92.04133  (21022420)               556792.35
3776969.14       90.72076  (18082105)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                       *** 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)
 -
- -
        556732.35   3776989.14   102.36637 (20012118)   556752.35
3776989.14   98.45790 (21020619)
        556772.35   3776989.14   99.47131 (19100220)   556792.35
3776989.14   97.82045 (18082105)
        556812.35   3776989.14   100.97055 (20092721)   556832.35
3776989.14   102.75350 (23051905)
        556852.35   3776989.14   103.03048 (21011719)   556672.35
3777009.14   97.67156 (19120401)
        556692.35   3777009.14   102.60383 (19120401)   556712.35
3777009.14   104.13496 (20091120)
        556732.35   3777009.14   110.62654 (20012118)   556752.35
3777009.14   111.01691 (20012118)
        556772.35   3777009.14   108.77815 (21020619)   556792.35
3777009.14   108.45892 (21022420)
        556812.35   3777009.14   109.75871 (20092721)   556832.35
3777009.14   112.26329 (20092721)
        556852.35   3777009.14   112.19342 (19020720)   556672.35
3777029.14   106.68555 (20022122)
        556692.35   3777029.14   110.19650 (19120401)   556712.35

3777029.14 113.48253 (19120401)
556732.35 3777029.14 116.73128 (21101320) 556752.35
3777029.14 123.10297 (20012118)
556772.35 3777029.14 118.43218 (20012118) 556792.35
3777029.14 119.42894 (21022420)
556812.35 3777029.14 120.86787 (18082105) 556832.35
3777029.14 124.04512 (20092721)
556852.35 3777029.14 123.66795 (23051905) 556672.35
3777049.14 115.01944 (20022122)
556692.35 3777049.14 120.50752 (19123016) 556712.35
3777049.14 126.49608 (19123016)
556732.35 3777049.14 126.75445 (20091120) 556752.35
3777049.14 132.68872 (20012118)
556772.35 3777049.14 135.18964 (20012118) 556792.35
3777049.14 132.15258 (21020619)
556812.35 3777049.14 131.96027 (21022420) 556832.35
3777049.14 136.51090 (20092721)
556852.35 3777049.14 136.59026 (23051905) 556927.54
3776959.53 61.78531 (21090606)
556947.54 3776959.53 56.97894 (21090606) 556967.54
3776959.53 62.51214 (19013001)
556987.54 3776959.53 65.51805 (18092505) 557007.54
3776959.53 65.09919 (18010720)
557027.54 3776959.53 63.58607 (20091320) 557047.54
3776959.53 61.54574 (20091320)
557067.54 3776959.53 59.28677 (20091121) 557087.54
3776959.53 57.68649 (20100119)
556927.54 3776979.53 67.26591 (21090606) 556947.54
3776979.53 65.56965 (19013001)
556967.54 3776979.53 67.25017 (18122419) 556987.54
3776979.53 70.79068 (18102519)
557007.54 3776979.53 70.06517 (18010720) 557027.54
3776979.53 68.70722 (20091320)
557047.54 3776979.53 65.10514 (21012106) 557067.54
3776979.53 63.70643 (20091121)
557087.54 3776979.53 60.78124 (20100119) 556927.54
3776999.53 73.45171 (21090606)
556947.54 3776999.53 75.00308 (19013001) 556967.54
3776999.53 77.90574 (19011120)
556987.54 3776999.53 77.02719 (18102519) 557007.54
3776999.53 75.16231 (20091320)
557027.54 3776999.53 73.60400 (20091320) 557047.54
3776999.53 70.14440 (20091121)
557067.54 3776999.53 67.98241 (20100119) 557087.54
3776999.53 63.51561 (21120220)
556927.54 3777019.53 80.57485 (21090606) 556947.54
3777019.53 82.13236 (19013001)
556967.54 3777019.53 85.25027 (18092505) 556987.54
3777019.53 84.28539 (18010720)
557007.54 3777019.53 82.37636 (20091320) 557027.54

3777019.53   78.12690 (20091320)
        557047.54   3777019.53   75.89622 (20091121)   557067.54
3777019.53   71.90356 (21120220)
        557087.54   3777019.53   65.13766 (21120220)   556927.54
3777039.53   88.81508 (21090606)
        556947.54   3777039.53   90.27561 (19013001)   556967.54
3777039.53   93.51605 (18092505)
        556987.54   3777039.53   92.14260 (18010720)   557007.54
3777039.53   89.61821 (20091320)
        557027.54   3777039.53   84.85873 (20091121)   557047.54
3777039.53   88.67887 (20100119)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                       *** 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)
 - - -

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        556939.02   3777254.93      541.79439  (19123016)                557023.57
3777171.57       95.17158  (21120220)
        557043.57   3777171.57       65.27458  (21072601)                557063.57
3777171.57       46.58628  (19102605)
        557083.57   3777171.57       44.55374  (21030317)                557023.57
3777191.57       83.94495  (21072601)
        557043.57   3777191.57       61.63786  (21030317)                557063.57
3777191.57       56.42210  (21030317)
        557083.57   3777191.57       53.63981  (19061806)                557023.57
3777211.57       87.31551  (21030317)
        557043.57   3777211.57       81.04535  (19061806)                557063.57
3777211.57       75.64714  (19061806)
        557083.57   3777211.57       63.45324  (19061806)                557023.57
3777231.57      123.29394  (19061806)
        557043.57   3777231.57      108.10350  (19061806)                557063.57
3777231.57       91.86206  (19061806)
        557083.57   3777231.57       66.62986  (19061806)                557023.57
3777251.57      145.32063  (19061806)
        557043.57   3777251.57      113.72055  (19061806)                557063.57
3777251.57       90.00205  (19061806)
        557083.57   3777251.57       62.86324  (19061806)                556249.05
3776972.85       60.09213  (18021120)
        556269.05   3776972.85       70.94334  (19120818)                556229.05
3776992.85       56.29608  (18010518)
        556249.05   3776992.85       59.19668  (18010518)                556269.05
3776992.85       64.77739  (18021120)
        556289.05   3776992.85       67.25710  (18021120)                556309.05
3776992.85       79.59677  (19120818)
        556329.05   3776992.85       85.37725  (23022401)                556209.05
3777012.85       52.85835  (20121018)
        556229.05   3777012.85       56.75094  (20121018)                556249.05
3777012.85       59.97217  (18010518)
        556269.05   3777012.85       63.06779  (18010518)                556289.05
3777012.85       65.88784  (18010518)
        556309.05   3777012.85       72.80090  (18021120)                556329.05
3777012.85       75.32191  (18021120)
        556209.05   3777032.85       54.34790  (20022718)                556229.05
3777032.85       56.98425  (20022718)
        556249.05   3777032.85       60.04938  (20121018)                556269.05
3777032.85       63.22944  (20121018)
        556289.05   3777032.85       66.49944  (18010518)                556309.05
3777032.85       70.54568  (18010518)
        556209.05   3777052.85       54.52626  (19011707)                556229.05
3777052.85       57.42344  (19011707)
        556249.05   3777052.85       60.46997  (20022718)                556269.05
3777052.85       63.69770  (20022718)
        556289.05   3777052.85       66.75474  (20022718)                556309.05
3777052.85       70.50175  (20121018)
        556249.05   3777072.85       60.91188  (18022020)                556269.05
3777072.85       63.85546  (19011707)
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        556289.05   3777072.85       67.48229  (20022718)                556269.05
3777092.85       64.97465  (18022124)
        556441.69   3776927.49       85.50664  (19111818)                556461.69
3776927.49       85.40548  (21092222)
        556481.69   3776927.49       83.71059  (21092222)                556421.69
3776947.49       91.55553  (21113019)
        556441.69   3776947.49       91.57351  (19122922)                556461.69
3776947.49       90.27017  (21092222)
        556481.69   3776947.49       89.95852  (21092222)                556401.69
3776967.49       96.27328  (21120705)
        556421.69   3776967.49       97.53028  (19100519)                556441.69
3776967.49       98.75097  (21113019)
        556461.69   3776967.49       97.53221  (19122922)                556481.69
3776967.49       96.33193  (21092222)
        556401.69   3776987.49      102.03408  (20121319)                556421.69
3776987.49      104.44196  (21120705)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556441.69   3776987.49      105.79518  (19100519)                556461.69
3776987.49      105.77084  (21113019)
        556481.69   3776987.49      103.00412  (19122922)                556421.69
3777007.49      112.97662  (20121319)
        556441.69   3777007.49      114.16701  (21120705)                556461.69
3777007.49      115.83243  (19100519)
        556481.69   3777007.49      114.06250  (21113019)                556441.69
3777027.49      125.56322  (20121319)
        556461.69   3777027.49      125.81404  (21120705)                556481.69
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3777027.49      126.98747  (19100519)
        556251.24   3777154.95       60.51440  (20022620)                556261.28
3777141.20       61.71352  (20021919)
        556264.98   3777168.16       62.47878  (20022620)                556279.25
3777151.77       65.03319  (20022620)
        556202.60   3777113.45       54.22608  (20021919)                556220.05
3777109.75       56.68454  (20021919)
        556187.53   3777090.19       51.37696  (20021919)                556164.27
3777121.38       47.58482  (20021919)
        557510.26   3776508.23       13.22645  (19111120)                557530.26
3776508.23       11.19802  (19102605)
        557550.26   3776508.23       10.10414  (21020205)                557570.26
3776508.23        9.79407  (21020205)
        557590.26   3776508.23        9.57710  (21022621)                557610.26
3776508.23        9.43314  (21022621)
        557630.26   3776508.23        9.20224  (21022621)                557650.26
3776508.23        8.97622  (21022621)
        557670.26   3776508.23        8.69751  (21122223)                557690.26
3776508.23        8.47905  (21122223)
        557510.26   3776528.23       11.99383  (19102605)                557530.26
3776528.23       10.51348  (19102605)
        557550.26   3776528.23        9.88425  (21020205)                557570.26
3776528.23        9.55860  (21022621)
        557590.26   3776528.23        9.36622  (21022621)                557610.26
3776528.23        9.15651  (21022621)
        557630.26   3776528.23        8.93942  (21022621)                557650.26
3776528.23        8.76266  (21122223)
        557670.26   3776528.23        8.54574  (21122223)                557690.26
3776528.23        8.35322  (21122223)
        557510.26   3776548.23       11.28370  (19102605)                557530.26
3776548.23        9.91948  (23122419)
        557550.26   3776548.23        9.48703  (21022621)                557570.26
3776548.23        9.17156  (21022621)
        557590.26   3776548.23        8.99034  (21022621)                557610.26
3776548.23        8.75347  (23010403)
        557630.26   3776548.23        8.55884  (20121619)                557650.26
3776548.23        8.50383  (20121619)
        557670.26   3776548.23        8.31117  (20121619)                557690.26
3776548.23        8.14076  (20121619)
        557510.26   3776568.23       10.57805  (19102605)                557530.26
3776568.23        9.48788  (23122419)
        557550.26   3776568.23        9.14884  (21022621)                557570.26
3776568.23        8.75807  (21022621)
        557590.26   3776568.23        8.55041  (23010403)                557610.26
3776568.23        8.32612  (19022622)
        557630.26   3776568.23        8.22053  (20121619)                557650.26
3776568.23        8.17942  (20121619)
        557670.26   3776568.23        8.01175  (19011919)                557690.26
3776568.23        7.82407  (19011919)
        557510.26   3776588.23        9.88746  (19102605)                557530.26
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3776588.23 9.09430 (20122018)
  557550.26 3776588.23 8.78477 (18120419) 557570.26
3776588.23 8.41167 (18120419)
  557590.26 3776588.23 8.14282 (19013005) 557610.26
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  557630.26 3776588.23 7.89626 (19011919) 557650.26
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  557670.26 3776588.23 7.71509 (19011919) 557690.26
3776588.23 7.57026 (19013002)
  557510.26 3776608.23 9.21808 (19102605) 557530.26
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  557550.26 3776608.23 8.40037 (18120419) 557570.26
3776608.23 8.09748 (19013005)
  557590.26 3776608.23 7.81222 (19013005) 557610.26
3776608.23 7.63602 (21020122)
  557630.26 3776608.23 7.58271 (21020122) 557650.26
3776608.23 7.46875 (21020122)
  557670.26 3776608.23 7.31913 (19013002) 557690.26
3776608.23 7.19251 (19013002)
  557510.26 3776628.23 8.58913 (18010601) 557530.26
3776628.23 8.34052 (18010601)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
                                INCLUDING SOURCE(S):   L0000083   , L0000084 , L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                        *** 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)
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        557630.26   3776628.23        7.21733  (18020623)               557650.26
3776628.23        7.15169  (18020623)
        557670.26   3776628.23        7.00305  (18120923)               557690.26
3776628.23        6.93284  (18120923)
        557510.26   3776648.23        8.19349  (23120519)               557530.26
3776648.23        7.90260  (23120519)
        557550.26   3776648.23        7.55051  (23120519)               557570.26
3776648.23        7.22283  (19012522)
        557590.26   3776648.23        7.11867  (18020623)               557610.26
3776648.23        6.95098  (18020623)
        557630.26   3776648.23        6.86893  (18020623)               557650.26
3776648.23        6.79939  (18020623)
        557670.26   3776648.23        6.69753  (18120923)               557690.26
3776648.23        6.81488  (19021319)
        557510.26   3776668.23        7.75768  (23120519)               557530.26
3776668.23        7.45978  (23120519)
        557550.26   3776668.23        7.15798  (18120819)               557570.26
3776668.23        6.55774  (21020122)
        557590.26   3776668.23        6.50778  (21020122)               557610.26
3776668.23        6.24229  (18020623)
        557630.26   3776668.23        6.13598  (18020623)               557650.26
3776668.23        6.07687  (18020623)
        557670.26   3776668.23        6.68640  (23122906)               557690.26
3776668.23        6.76953  (23122906)
        557510.26   3776688.23        7.10183  (19102605)               557530.26
3776688.23        6.63096  (18121705)
        557550.26   3776688.23        6.34283  (18121705)               557570.26
3776688.23        6.13649  (21020122)
        557590.26   3776688.23        5.97426  (21020122)               557610.26
3776688.23        5.79166  (18020623)
        557630.26   3776688.23        5.67791  (18020623)               557650.26
3776688.23        5.65105  (18120923)
        557670.26   3776688.23        5.56102  (19021319)               557690.26
3776688.23        5.61591  (19021319)
        556172.49   3776517.81       42.32963  (19101219)               556192.49
3776517.81       42.75383  (19101219)
        556212.49   3776517.81       42.86221  (19101219)               556232.49
3776517.81       42.69887  (21010719)
        556252.49   3776517.81       42.75704  (21010719)               556272.49
3776517.81       42.97020  (20012518)
        556292.49   3776517.81       42.90273  (20012518)               556312.49
3776517.81       42.37907  (20012518)
        556332.49   3776517.81       41.37258  (20012518)               556352.49
3776517.81       41.37729  (20012218)
        556372.49   3776517.81       41.34763  (20012218)               556392.49
3776517.81       41.17194  (20012218)
        556412.49   3776517.81       40.52176  (20012218)               556432.49
3776517.81       39.27566  (20012218)
        556452.49   3776517.81       39.32520  (20090403)               556472.49
3776517.81       40.02612  (20090403)
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        556492.49   3776517.81       40.34988  (20090403)                556172.49
3776537.81       43.56580  (19111219)
        556192.49   3776537.81       43.53221  (19101219)                556212.49
3776537.81       43.95590  (19101219)
        556232.49   3776537.81       43.82667  (19101219)                556252.49
3776537.81       43.72796  (21010719)
        556272.49   3776537.81       43.69218  (20012518)                556292.49
3776537.81       43.92465  (20012518)
        556312.49   3776537.81       43.72764  (20012518)                556332.49
3776537.81       43.06967  (20012518)
        556352.49   3776537.81       42.00830  (20012218)                556372.49
3776537.81       42.18093  (20012218)
        556392.49   3776537.81       42.10525  (20012218)                556412.49
3776537.81       41.85277  (20012218)
        556432.49   3776537.81       41.07494  (20012218)                556452.49
3776537.81       40.04457  (20102506)
        556472.49   3776537.81       40.47179  (20090403)                556492.49
3776537.81       41.14372  (20090403)
        556332.49   3776557.81       44.52514  (20012518)                556352.49
3776557.81       43.77887  (20012518)
        556372.49   3776557.81       42.91090  (20012218)                556392.49
3776557.81       43.03473  (20012218)
        556412.49   3776557.81       43.03577  (20012218)                556432.49
3776557.81       42.62195  (20012218)
        556452.49   3776557.81       41.61273  (20012218)                556472.49
3776557.81       40.97749  (20102506)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000120    , L0000121    , L0000122    ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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556492.49	3776557.81	41.71469	(20090403)	556332.49	3776577.81	45.78845	(20012518)
556352.49	3776577.81	45.36158	(20012518)	556372.49	3776577.81	44.48643	(20012518)
556392.49	3776577.81	43.85901	(20012218)	556412.49	3776577.81	44.02480	(20012218)
556432.49	3776577.81	43.90517	(20012218)	556452.49	3776577.81	43.39147	(20012218)
556472.49	3776577.81	42.20659	(20012218)	556492.49	3776577.81	42.09383	(20090403)
556332.49	3776597.81	46.80047	(20012518)	556352.49	3776597.81	46.71367	(20012518)
556372.49	3776597.81	46.20150	(20012518)	556392.49	3776597.81	45.22806	(20012518)
556412.49	3776597.81	44.82105	(20012218)	556432.49	3776597.81	44.94525	(20012218)
556452.49	3776597.81	44.78992	(20012218)	556472.49	3776597.81	44.16582	(20012218)
556492.49	3776597.81	42.90228	(20102506)	556252.49	3776617.81	48.14598	(19111219)
556272.49	3776617.81	48.23180	(19101219)	556292.49	3776617.81	48.22933	(19101219)
556312.49	3776617.81	47.94202	(19120401)	556332.49	3776617.81	47.70250	(20012518)
556352.49	3776617.81	47.85454	(20012518)	556372.49	3776617.81	47.64389	(20012518)
556392.49	3776617.81	47.05940	(20012518)	556412.49	3776617.81	45.96062	(20012518)
556432.49	3776617.81	45.80205	(20012218)	556452.49	3776617.81	46.00608	(20012218)
556472.49	3776617.81	45.79610	(20012218)	556492.49	3776617.81	45.00725	(20012218)
556252.49	3776637.81	49.95540	(20022122)	556272.49	3776637.81	49.30548	(19111219)
556292.49	3776637.81	49.44873	(19101219)	556312.49	3776637.81	49.39306	(19101219)
556332.49	3776637.81	49.09251	(19120401)	556352.49	3776637.81	48.82365	(20012518)
556372.49	3776637.81	48.88405	(20012518)	556392.49	3776637.81	48.64132	(20012518)
556412.49	3776637.81	47.96154	(20012518)	556432.49	3776637.81	46.77736	(20012518)
556452.49	3776637.81	46.87717	(20012218)	556472.49	3776637.81	47.12613	(20012218)
556492.49	3776637.81	46.91419	(20012218)	556252.49	3776657.81	51.42534	(20022122)
556272.49	3776657.81	51.19139	(20022122)	556292.49	3776657.81	50.59773	(19111219)
556312.49	3776657.81	50.88614	(19101219)	556332.49			

3776657.81   50.40916 (19101219)
        556352.49   3776657.81   50.24507 (19120401)   556372.49
3776657.81   49.92577 (20012518)
        556392.49   3776657.81   50.00458 (20012518)   556412.49
3776657.81   49.66906 (20012518)
        556432.49   3776657.81   48.94114 (20012518)   556452.49
3776657.81   47.64504 (20012518)
        556472.49   3776657.81   48.08326 (20012218)   556492.49
3776657.81   48.40668 (20012218)
        556252.49   3776677.81   52.31820 (20022122)   556272.49
3776677.81   53.12079 (20022122)
        556292.49   3776677.81   52.81144 (20022122)   556312.49
3776677.81   52.09778 (19111219)
        556332.49   3776677.81   51.93994 (19101219)   556352.49
3776677.81   51.55804 (19120401)
        556372.49   3776677.81   51.42141 (19120401)   556392.49
3776677.81   51.17712 (20012518)
        556412.49   3776677.81   51.09104 (20012518)   556432.49
3776677.81   50.75558 (20012518)
        556452.49   3776677.81   49.99277 (20012518)   556472.49
3776677.81   48.80430 (20012218)
        556492.49   3776677.81   49.49827 (20012218)   556252.49
3776697.81   53.21307 (21092222)
        556272.49   3776697.81   54.20098 (20022122)   556372.49
3776697.81   52.88696 (19120401)
        556392.49   3776697.81   52.62126 (19120401)   556412.49
3776697.81   52.37012 (20012518)
        556432.49   3776697.81   52.27596 (20012518)   556452.49
3776697.81   51.93594 (20012518)
        556472.49   3776697.81   51.13505 (20012518)   556492.49
3776697.81   50.23474 (20012218)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                L0000120   , L0000121   , L0000122   ,

                                          *** 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)
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        556521.71   3777341.57       86.97606  (18121618)              556539.90
3777344.94       93.79161  (19120817)
        556591.78   3777345.39      124.70784  (19120817)              556630.62
3777349.66      145.43176  (20122117)
        556684.29   3777349.43      181.90015  (20090520)              556905.58
3777351.19      184.49854  (23010916)
        556920.93   3777350.82      156.50864  (23042018)              556942.87
3777350.09      139.37943  (23042018)
        556996.26   3777348.26      101.07254  (21120716)              557096.81
3777357.77       75.69819  (21120716)
        557115.83   3777363.62       67.92702  (21120716)              557129.36
3777361.43       63.30344  (21120716)
        557230.65   3777363.99       32.67247  (21120716)              556466.22
3776816.07       97.88760  (21092222)
        556407.87   3776826.19       87.29026  (19122922)              556381.07
3776807.14       81.41771  (19122922)
        556404.29   3776771.52       82.60344  (19111818)              556465.21
3776739.51       88.95709  (19120401)
        556396.10   3776739.93       80.10667  (20022122)              556323.99
3777265.43       55.55307  (18060706)
        556330.60   3777233.99       52.23311  (18060706)              556321.08
3777200.43       51.54614  (21122405)
        556275.11   3777267.81       46.56476  (18060706)              556278.28
3777233.46       44.55351  (20101318)
        556509.40   3777373.38       84.16284  (19120817)              556529.40
3777373.38       92.00965  (19120817)
        556549.40   3777373.38       99.42084  (19120817)              556569.40
3777373.38      106.68600  (21021119)
        556589.40   3777373.38      114.20619  (20122117)              556609.40
3777373.38      123.41924  (20122117)
        556629.40   3777373.38      133.01428  (23121917)              556649.40
3777373.38      142.82414  (20090520)
        556669.40   3777373.38      155.28514  (19013018)              556689.40
3777373.38      167.05985  (18121718)
        556709.40   3777373.38      182.80696  (21120317)              556729.40
3777373.38      196.03727  (20120917)
        556749.40   3777373.38      206.51608  (21090724)              556769.40
3777373.38      199.20483  (21090724)
        556789.40   3777373.38      179.24518  (18061906)              556809.40
3777373.38      224.17970  (18061906)
        556829.40   3777373.38      222.29836  (18061906)              556849.40
3777373.38      171.89693  (18061906)
        556869.40   3777373.38      158.71983  (23010916)              556889.40
3777373.38      165.72766  (23010916)
        556909.40   3777373.38      150.27891  (23010916)              556929.40
3777373.38      123.61717  (23042018)
        556949.40   3777373.38      114.88980  (23042018)              556969.40
3777373.38       98.18637  (23042018)
        556989.40   3777373.38       78.33488  (23042018)              557009.40
3777373.38       71.65699  (21120716)
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        557029.40   3777373.38       76.53381  (21120716)               557049.40
3777373.38       77.93063  (21120716)
        557069.40   3777373.38       76.43342  (21120716)               557089.40
3777373.38       72.90602  (21120716)
        557109.40   3777373.38       68.01497  (21120716)               557129.40
3777373.38       62.35659  (21120716)
        557149.40   3777373.38       56.38080  (21120716)               557169.40
3777373.38       50.43456  (21120716)
        557189.40   3777373.38       44.74981  (21120716)               557209.40
3777373.38       39.42123  (21120716)
        557229.40   3777373.38       34.51709  (21120716)               557249.40
3777373.38       30.08530  (21120716)
        557269.40   3777373.38       26.12897  (21120716)               557289.40
3777373.38       22.64759  (21120716)
        557309.40   3777373.38       19.59410  (21120716)               557329.40
3777373.38       16.91233  (21120716)
        557349.40   3777373.38       15.97433  (20022421)               557369.40
3777373.38       15.14349  (20022421)
        557389.40   3777373.38       14.35964  (20022421)               557409.40
3777373.38       13.62052  (20022421)
        557429.40   3777373.38       13.00068  (18012318)               557449.40
3777373.38       12.44754  (18012318)
        557469.40   3777373.38       11.90473  (18012318)               557489.40
3777373.38       11.35226  (18012318)
        556509.40   3777393.38       83.71682  (19120817)               556529.40
3777393.38       88.90405  (21021119)
        556549.40   3777393.38       94.87009  (21021119)               556569.40
3777393.38      101.23122  (20122117)
        556589.40   3777393.38      108.10715  (18020919)               556609.40
3777393.38      116.13883  (23121917)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                 INCLUDING SOURCE(S):     L0000025    , L0000026
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
556629.40	3777393.38	123.86461	(20090520)	556649.40	3777393.38	133.33502	(19013018)
556669.40	3777393.38	141.78715	(23123118)	556689.40	3777393.38	154.18968	(21120317)
556709.40	3777393.38	163.26382	(20120917)	556729.40	3777393.38	172.63478	(20120917)
556749.40	3777393.38	176.68284	(21090724)	556769.40	3777393.38	160.14604	(21092219)
556789.40	3777393.38	162.45080	(18061906)	556809.40	3777393.38	191.01776	(18061906)
556829.40	3777393.38	182.87754	(18061906)	556849.40	3777393.38	140.51451	(18061906)
556869.40	3777393.38	127.59411	(23010916)	556889.40	3777393.38	136.85823	(23010916)
556909.40	3777393.38	129.43503	(23010916)	556929.40	3777393.38	109.61680	(23010916)
556949.40	3777393.38	99.96358	(23042018)	556969.40	3777393.38	90.45251	(23042018)
556989.40	3777393.38	76.56219	(23042018)	557009.40	3777393.38	61.30522	(23042018)
557029.40	3777393.38	57.88978	(21120716)	557049.40	3777393.38	62.13360	(21120716)
557069.40	3777393.38	63.95967	(21120716)	557089.40	3777393.38	63.68714	(21120716)
557109.40	3777393.38	61.76654	(21120716)	557129.40	3777393.38	58.55434	(21120716)
557149.40	3777393.38	54.64206	(21120716)	557169.40	3777393.38	50.23696	(21120716)
557189.40	3777393.38	45.68007	(21120716)	557209.40	3777393.38	41.19569	(21120716)
557229.40	3777393.38	36.85904	(21120716)	557249.40	3777393.38	32.74423	(21120716)
557269.40	3777393.38	28.95315	(21120716)	557289.40	3777393.38	25.49078	(21120716)
557309.40	3777393.38	22.35411	(21120716)	557329.40	3777393.38	19.57684	(21120716)
557349.40	3777393.38	17.09786	(21120716)	557369.40	3777393.38	14.90891	(21120716)
557389.40	3777393.38	14.16942	(20022421)	557409.40	3777393.38	13.49551	(20022421)
557429.40	3777393.38	12.86238	(20022421)	557449.40	3777393.38	12.27214	(20022421)
557469.40	3777393.38	11.68438	(20022421)	557489.40	3777393.38	11.15870	(18012318)
556509.40	3777413.38	80.56280	(21021119)	556529.40	3777413.38	84.76220	(20122117)

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        556549.40   3777413.38       90.67171  (20122117)               556569.40
3777413.38       95.75132  (18020919)
        556589.40   3777413.38      102.67247  (23121917)               556609.40
3777413.38      108.47733  (20090520)
        556629.40   3777413.38      116.57458  (19013018)               556649.40
3777413.38      123.12941  (23123118)
        556669.40   3777413.38      132.99220  (21120317)               556689.40
3777413.38      139.14316  (20010717)
        556709.40   3777413.38      148.84643  (20120917)               556729.40
3777413.38      153.85178  (21090724)
        556749.40   3777413.38      147.91599  (21090724)               556769.40
3777413.38      128.25345  (21092219)
        556789.40   3777413.38      146.56237  (18061906)               556809.40
3777413.38      164.18318  (18061906)
        556829.40   3777413.38      152.82517  (18061906)               556849.40
3777413.38      117.10384  (18061906)
        556869.40   3777413.38      104.59836  (23010916)               556889.40
3777413.38      114.22318  (23010916)
        556909.40   3777413.38      111.70604  (23010916)               556929.40
3777413.38       98.93265  (23010916)
        556949.40   3777413.38       86.04007  (23042018)               556969.40
3777413.38       81.50802  (23042018)
        556989.40   3777413.38       72.39292  (23042018)               557009.40
3777413.38       60.95187  (23042018)
        557029.40   3777413.38       48.94668  (23042018)               557049.40
3777413.38       47.59136  (21120716)
        557069.40   3777413.38       51.32002  (21120716)               557089.40
3777413.38       53.29882  (21120716)
        557109.40   3777413.38       53.71195  (21120716)               557129.40
3777413.38       52.69429  (21120716)
        557149.40   3777413.38       50.76316  (21120716)               557169.40
3777413.38       48.00929  (21120716)
        557189.40   3777413.38       44.81601  (21120716)               557209.40
3777413.38       41.37784  (21120716)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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                                 PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                 INCLUDING SOURCE(S):     L0000025    , L0000026
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                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
557229.40	3777413.38	37.80931	(21120716)	557249.40	3777413.38	34.27768	(21120716)
557269.40	3777413.38	30.87385	(21120716)	557289.40	3777413.38	27.64939	(21120716)
557309.40	3777413.38	24.64328	(21120716)	557329.40	3777413.38	21.87058	(21120716)
557349.40	3777413.38	19.36534	(21120716)	557369.40	3777413.38	17.08202	(21120716)
557389.40	3777413.38	15.04810	(21120716)	557409.40	3777413.38	13.22929	(21120716)
557429.40	3777413.38	12.63427	(20022421)	557449.40	3777413.38	12.10933	(20022421)
557469.40	3777413.38	11.61299	(20022421)	557489.40	3777413.38	11.09831	(20022421)
556509.40	3777433.38	77.11888	(20122117)	556529.40	3777433.38	81.40848	(18020919)
556549.40	3777433.38	85.91736	(23121917)	556569.40	3777433.38	91.15601	(23121917)
556589.40	3777433.38	96.00079	(20090520)	556609.40	3777433.38	102.80936	(19013018)
556629.40	3777433.38	108.45554	(23123118)	556649.40	3777433.38	116.33361	(21120317)
556669.40	3777433.38	121.23296	(19020122)	556689.40	3777433.38	129.32151	(20120917)
556709.40	3777433.38	134.03400	(21090724)	556729.40	3777433.38	134.83624	(21090724)
556749.40	3777433.38	123.33174	(21090724)	556769.40	3777433.38	104.82863	(18061906)
556789.40	3777433.38	131.98743	(18061906)	556809.40	3777433.38	141.98359	(18061906)
556829.40	3777433.38	129.33087	(18061906)	556849.40	3777433.38	98.82818	(18061906)
556869.40	3777433.38	86.83343	(23010916)	556889.40	3777433.38	96.24076	(23010916)
556909.40	3777433.38	96.63328	(23010916)	556929.40	3777433.38	88.59102	(23010916)
556949.40	3777433.38	74.77522	(23010916)	556969.40	3777433.38	72.35484	(23042018)
556989.40	3777433.38	66.93010	(23042018)	557009.40	3777433.38	58.90053	(23042018)
557029.40	3777433.38	49.41836	(23042018)	557049.40	3777433.38	40.98306	(21121516)

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        557069.40   3777433.38       39.75553  (21120716)                557089.40
3777433.38       42.99615  (21120716)
        557109.40   3777433.38       44.97762  (21120716)                557129.40
3777433.38       45.69040  (21120716)
        557149.40   3777433.38       45.40149  (21120716)                557169.40
3777433.38       44.18020  (21120716)
        557189.40   3777433.38       42.35540  (21120716)                557209.40
3777433.38       40.05730  (21120716)
        557229.40   3777433.38       37.40776  (21120716)                557249.40
3777433.38       34.64221  (21120716)
        557269.40   3777433.38       31.79479  (21120716)                557289.40
3777433.38       28.96562  (21120716)
        557309.40   3777433.38       26.25704  (21120716)                557329.40
3777433.38       23.65440  (21120716)
        557349.40   3777433.38       21.20559  (21120716)                557369.40
3777433.38       18.96167  (21120716)
        557389.40   3777433.38       16.91996  (21120716)                557409.40
3777433.38       15.04421  (21120716)
        557429.40   3777433.38       13.32852  (21120716)                557449.40
3777433.38       11.82024  (20022421)
        557469.40   3777433.38       11.37599  (20022421)                557489.40
3777433.38       10.94170  (20022421)
        556509.40   3777453.38       73.72916  (18020919)                556529.40
3777453.38       77.83596  (21021519)
        556549.40   3777453.38       81.87714  (21021519)                556569.40
3777453.38       85.67603  (19013018)
        556589.40   3777453.38       91.54410  (19013018)                556609.40
3777453.38       96.14535  (23123118)
        556629.40   3777453.38      102.72963  (21120317)                556649.40
3777453.38      107.32995  (21120317)
        556669.40   3777453.38      112.70717  (20120917)                556689.40
3777453.38      117.66370  (20120917)
        556709.40   3777453.38      120.60271  (21090724)                556729.40
3777453.38      116.14235  (21090724)
        556749.40   3777453.38      102.54855  (21092219)                556769.40
3777453.38       98.74528  (18061906)
        556789.40   3777453.38      118.79232  (18061906)                556809.40
3777453.38      123.69675  (18061906)
 *** AERMOD - VERSION 23132  ***   ***
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 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                  INCLUDING SOURCE(S):     L0000025    , L0000026
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*** 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)
556829.40	3777453.38	110.79623	(18061906)	556849.40	3777453.38	84.59933	(18061906)
556869.40	3777453.38	73.06903	(23010916)	556889.40	3777453.38	81.83666	(23010916)
556909.40	3777453.38	83.90700	(23010916)	556929.40	3777453.38	79.12240	(23010916)
556949.40	3777453.38	69.22217	(23010916)	556969.40	3777453.38	63.56448	(23042018)
556989.40	3777453.38	60.96092	(23042018)	557009.40	3777453.38	55.53106	(23042018)
557029.40	3777453.38	48.41461	(23042018)	557049.40	3777453.38	40.61851	(23042018)
557069.40	3777453.38	35.30681	(21121516)	557089.40	3777453.38	33.60332	(21120716)
557109.40	3777453.38	36.46015	(21120716)	557129.40	3777453.38	38.32444	(21120716)
557149.40	3777453.38	39.28072	(21120716)	557169.40	3777453.38	39.32082	(21120716)
557189.40	3777453.38	38.70114	(21120716)	557209.40	3777453.38	37.51479	(21120716)
557229.40	3777453.38	35.83587	(21120716)	557249.40	3777453.38	33.88970	(21120716)
557269.40	3777453.38	31.70778	(21120716)	557289.40	3777453.38	29.41688	(21120716)
557309.40	3777453.38	27.10906	(21120716)	557329.40	3777453.38	24.81324	(21120716)
557349.40	3777453.38	22.59216	(21120716)	557369.40	3777453.38	20.45475	(21120716)
557389.40	3777453.38	18.46448	(21120716)	557409.40	3777453.38	16.62173	(21120716)
557429.40	3777453.38	14.90325	(21120716)	557449.40	3777453.38	13.32789	(21120716)
557469.40	3777453.38	11.89000	(21120716)	557489.40	3777453.38	10.65501	(20022421)
556509.40	3777473.38	70.86961	(21021519)	556529.40	3777473.38	73.71175	(21021519)
556549.40	3777473.38	77.30782	(19013018)	556569.40	3777473.38	82.20217	(19013018)

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        556589.40   3777473.38       86.02595  (23123118)                556609.40
3777473.38       91.06706  (21120317)
        556629.40   3777473.38       95.62355  (21120317)                556649.40
3777473.38       99.42001  (20010717)
        556669.40   3777473.38      104.68090  (20120917)                556689.40
3777473.38      107.49338  (21090724)
        556709.40   3777473.38      106.91204  (21090724)                556729.40
3777473.38       99.15554  (21090724)
        556749.40   3777473.38       84.49743  (21092219)                556769.40
3777473.38       92.42700  (18061906)
        556789.40   3777473.38      106.97656  (18061906)                556809.40
3777473.38      108.44767  (18061906)
        556829.40   3777473.38       95.69723  (18061906)                556849.40
3777473.38       73.09450  (18061906)
        556869.40   3777473.38       62.11619  (23010916)                556889.40
3777473.38       70.19029  (23010916)
        556909.40   3777473.38       73.18925  (23010916)                556929.40
3777473.38       70.73499  (23010916)
        556949.40   3777473.38       63.74337  (23010916)                556969.40
3777473.38       55.51563  (23042018)
        556989.40   3777473.38       54.92562  (23042018)                557009.40
3777473.38       51.71036  (23042018)
        557029.40   3777473.38       46.58088  (23042018)                557049.40
3777473.38       40.39138  (23042018)
        557069.40   3777473.38       33.91329  (23042018)                557089.40
3777473.38       30.76616  (21121516)
        557109.40   3777473.38       28.88899  (21121516)                557129.40
3777473.38       31.20360  (21120716)
        557149.40   3777473.38       32.98904  (21120716)                557169.40
3777473.38       33.97925  (21120716)
        557189.40   3777473.38       34.32946  (21120716)                557209.40
3777473.38       34.08753  (21120716)
        557229.40   3777473.38       33.32203  (21120716)                557249.40
3777473.38       32.18257  (21120716)
        557269.40   3777473.38       30.70528  (21120716)                557289.40
3777473.38       29.01564  (21120716)
        557309.40   3777473.38       27.19612  (21120716)                557329.40
3777473.38       25.30268  (21120716)
        557349.40   3777473.38       23.37943  (21120716)                557369.40
3777473.38       21.48350  (21120716)
        557389.40   3777473.38       19.63756  (21120716)                557409.40
3777473.38       17.88480  (21120716)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0000025 , L0000026 ,

*** 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)
557429.40	3777473.38	16.21691	(21120716)	557449.40	3777473.38	14.67053	(21120716)
557469.40	3777473.38	13.22171	(21120716)	557489.40	3777473.38	11.88409	(21120716)
556509.40	3777493.38	67.25144	(20090520)	556529.40	3777493.38	70.53413	(19013018)
556549.40	3777493.38	74.41043	(19013018)	556569.40	3777493.38	77.36916	(23123118)
556589.40	3777493.38	81.33232	(21120317)	556609.40	3777493.38	85.75571	(21120317)
556629.40	3777493.38	88.27643	(20010717)	556649.40	3777493.38	93.19090	(20120917)
556669.40	3777493.38	95.84894	(21090724)	556689.40	3777493.38	97.65073	(21090724)
556709.40	3777493.38	93.72390	(21090724)	556729.40	3777493.38	84.33628	(21092219)
556749.40	3777493.38	69.78316	(21123117)	556769.40	3777493.38	86.16065	(18061906)
556789.40	3777493.38	96.51445	(18061906)	556809.40	3777493.38	95.57491	(18061906)
556829.40	3777493.38	83.38062	(18061906)	556849.40	3777493.38	63.61988	(18061906)
556869.40	3777493.38	55.80631	(18010618)	556889.40	3777493.38	60.65909	(23010916)
556909.40	3777493.38	64.13125	(23010916)	556929.40	3777493.38	63.22953	(23010916)
556949.40	3777493.38	58.43517	(23010916)	556969.40	3777493.38	50.82923	(23010916)
556989.40	3777493.38	49.05195	(23042018)	557009.40	3777493.38	47.52334	(23042018)
557029.40	3777493.38	44.08231	(23042018)	557049.40	3777493.38	39.38483	(23042018)
557069.40	3777493.38	34.06992	(23042018)	557089.40	3777493.38	28.59840	(23042018)

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        557109.40   3777493.38       27.07632  (21121516)                557129.40
3777493.38       25.47336  (21121516)
        557149.40   3777493.38       26.97100  (21120716)                557169.40
3777493.38       28.59370  (21120716)
        557189.40   3777493.38       29.62625  (21120716)                557209.40
3777493.38       30.15048  (21120716)
        557229.40   3777493.38       30.14682  (21120716)                557249.40
3777493.38       29.72210  (21120716)
        557269.40   3777493.38       28.94037  (21120716)                557289.40
3777493.38       27.86206  (21120716)
        557309.40   3777493.38       26.55897  (21120716)                557329.40
3777493.38       25.11128  (21120716)
        557349.40   3777493.38       23.56714  (21120716)                557369.40
3777493.38       21.96795  (21120716)
        557389.40   3777493.38       20.36395  (21120716)                557409.40
3777493.38       18.77842  (21120716)
        557429.40   3777493.38       17.21998  (21120716)                557449.40
3777493.38       15.74823  (21120716)
        557469.40   3777493.38       14.35355  (21120716)                557489.40
3777493.38       13.03314  (21120716)
        556509.40   3777513.38       64.47249  (19013018)                556529.40
3777513.38       67.71734  (19013018)
        556549.40   3777513.38       70.34234  (23123118)                556569.40
3777513.38       73.85399  (21120317)
        556589.40   3777513.38       77.79960  (21120317)                556609.40
3777513.38       79.74740  (19020122)
        556629.40   3777513.38       83.82845  (20120917)                556649.40
3777513.38       86.73270  (20120917)
        556669.40   3777513.38       88.93448  (21090724)                556689.40
3777513.38       87.50960  (21090724)
        556709.40   3777513.38       81.50289  (21090724)                556729.40
3777513.38       71.37806  (21092219)
        556749.40   3777513.38       65.81408  (18061906)                556769.40
3777513.38       80.12997  (18061906)
        556789.40   3777513.38       87.29169  (18061906)                556809.40
3777513.38       84.72328  (18061906)
        556829.40   3777513.38       73.13441  (18061906)                556849.40
3777513.38       55.78690  (18061906)
        556869.40   3777513.38       50.54152  (18010618)                556889.40
3777513.38       52.77813  (23010916)
        556909.40   3777513.38       56.42740  (23010916)                556929.40
3777513.38       56.59618  (23010916)
        556949.40   3777513.38       53.44095  (23010916)                556969.40
3777513.38       47.68418  (23010916)
        556989.40   3777513.38       43.51386  (23042018)                557009.40
3777513.38       43.23374  (23042018)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0000025 , L0000026 ,

*** 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)
557029.40	3777513.38	41.16914	(23042018)	557049.40	3777513.38	37.80379	(23042018)
557069.40	3777513.38	33.57626	(23042018)	557089.40	3777513.38	28.97383	(23042018)
557109.40	3777513.38	24.94223	(21121516)	557129.40	3777513.38	24.00146	(21121516)
557149.40	3777513.38	22.64480	(21121516)	557169.40	3777513.38	23.48234	(21120716)
557189.40	3777513.38	24.96414	(21120716)	557209.40	3777513.38	26.02577	(21120716)
557229.40	3777513.38	26.60531	(21120716)	557249.40	3777513.38	26.80341	(21120716)
557269.40	3777513.38	26.60900	(21120716)	557289.40	3777513.38	26.09229	(21120716)
557309.40	3777513.38	25.32230	(21120716)	557329.40	3777513.38	24.33772	(21120716)
557349.40	3777513.38	23.19026	(21120716)	557369.40	3777513.38	21.92971	(21120716)
557389.40	3777513.38	20.60860	(21120716)	557409.40	3777513.38	19.25427	(21120716)
557429.40	3777513.38	17.88244	(21120716)	557449.40	3777513.38	16.53565	(21120716)
557469.40	3777513.38	15.22993	(21120716)	557489.40	3777513.38	13.97593	(21120716)
556509.40	3777533.38	62.03621	(19013018)	556529.40	3777533.38	64.46659	(23123118)
556549.40	3777533.38	66.89643	(18121718)	556569.40	3777533.38	70.56823	(21120317)
556589.40	3777533.38	72.38658	(19020122)	556609.40	3777533.38	75.08885	(20010717)

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                  INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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)
 - - -

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        557229.40   3777553.38       19.39869  (21120716)               557249.40
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        556692.35   3776929.14      117.27099  (20022521)               556712.35
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        556732.35   3776929.14      110.99399  (21060706)               556752.35
3776929.14      116.11257  (20022020)
        556772.35   3776929.14      118.81966  (18021123)               556792.35
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3776969.14      143.62230  (21060706)
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                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                 INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                       *** 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)
 - - -

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        556772.35   3777049.14      312.63132  (21060706)              556792.35
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        556812.35   3777049.14      265.15574  (19090505)              556832.35
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3777214.93   479.83396 (18121016)
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3777234.93   591.33366 (21120716)
        556939.02   3777234.93   386.65021 (21120716)   556919.02
3777254.93   503.28656 (21120716)
        556939.02   3777254.93   392.85433 (21120716)   557023.57
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3777171.57   68.61477 (19061806)

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3777072.85       44.83065  (20021919)
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3776947.49   110.91501 (20121319)
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3776967.49   107.11731 (20121319)
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 *** AERMOD - VERSION 23132 ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   16:55:36

                                 PAGE 106
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLE   ***
                                 INCLUDING SOURCE(S):   L0000025   , L0000026
,

                                          *** 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)
 - - -

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3776668.23        7.49476  (20120824)
        557590.26   3776668.23        7.57890  (20120824)              557610.26
3776668.23        7.40877  (20120824)
        557630.26   3776668.23        7.40458  (20120824)              557650.26
3776668.23        7.47031  (20120824)
        557670.26   3776668.23        7.43918  (20120824)              557690.26
3776668.23        7.37639  (20120824)
        557510.26   3776688.23        7.68454  (20120824)              557530.26
3776688.23        7.62611  (20120824)
        557550.26   3776688.23        7.47347  (19013004)              557570.26
3776688.23        7.35171  (19013004)
        557590.26   3776688.23        7.27912  (19013004)              557610.26
3776688.23        7.14345  (19013004)
        557630.26   3776688.23        7.11160  (19013004)              557650.26
3776688.23        7.15740  (19013004)
        557670.26   3776688.23        7.06203  (19013004)              557690.26
3776688.23        6.89676  (19013004)
        556172.49   3776517.81       50.84010  (21092222)              556192.49
3776517.81       52.89266  (20022122)
        556212.49   3776517.81       54.74858  (20022122)              556232.49
3776517.81       55.25419  (19111219)
        556252.49   3776517.81       55.64072  (19111219)              556272.49
3776517.81       57.25260  (19101219)
        556292.49   3776517.81       58.28472  (19120401)              556312.49
3776517.81       60.18900  (19120401)
        556332.49   3776517.81       60.64360  (20012518)              556352.49
3776517.81       62.53262  (20012518)
        556372.49   3776517.81       62.75294  (20012518)              556392.49
3776517.81       63.32669  (21101320)
        556412.49   3776517.81       65.96299  (20012218)              556432.49
3776517.81       66.70450  (20012218)
        556452.49   3776517.81       65.16336  (20012118)              556472.49
3776517.81       65.65429  (20090403)
        556492.49   3776517.81       68.72940  (20090403)              556172.49
3776537.81       51.40481  (19111818)
        556192.49   3776537.81       52.72530  (21092222)              556212.49
3776537.81       55.12407  (20022122)
        556232.49   3776537.81       56.76432  (20022122)              556252.49
3776537.81       57.32507  (19111219)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE ***
INCLUDING SOURCE(S): L0000025 , L0000026 ,

*** 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)
556492.49	3776557.81	69.88003	(20013119)	556332.49	3776577.81	63.41053	(19101219)
556352.49	3776577.81	65.98042	(19120401)	556372.49	3776577.81	66.97778	(19120401)
556392.49	3776577.81	68.89749	(20012518)	556412.49	3776577.81	69.14469	(20012518)

556432.49 3776577.81 70.33290 (21101320) 556452.49 3776577.81 73.39305 (20012218)
556472.49 3776577.81 73.71588 (20012218) 556492.49 3776577.81 72.05369 (20012118)
556332.49 3776597.81 64.22593 (19101219) 556352.49 3776597.81 66.01354 (19120401)
556372.49 3776597.81 68.82550 (19120401) 556392.49 3776597.81 69.88149 (20012518)
556412.49 3776597.81 71.68614 (20012518) 556432.49 3776597.81 71.50032 (20012518)
556452.49 3776597.81 74.32451 (20012218) 556472.49 3776597.81 76.77831 (20012218)
556492.49 3776597.81 75.64342 (20012118) 556252.49 3776617.81 58.90035 (19111818)
556272.49 3776617.81 60.97680 (21092222) 556292.49 3776617.81 63.86948 (20022122)
556312.49 3776617.81 65.23189 (20022122) 556332.49 3776617.81 66.20899 (19111219)
556352.49 3776617.81 66.81575 (19101219) 556372.49 3776617.81 69.03849 (19120401)
556392.49 3776617.81 71.70446 (19120401) 556412.49 3776617.81 72.70704 (20012518)
556432.49 3776617.81 74.70531 (20012518) 556452.49 3776617.81 74.64445 (21101320)
556472.49 3776617.81 78.50084 (20012218) 556492.49 3776617.81 79.49791 (20012218)
556252.49 3776637.81 58.39122 (19111818) 556272.49 3776637.81 60.81119 (19111818)
556292.49 3776637.81 63.37696 (21092222) 556312.49 3776637.81 66.57477 (20022122)
556332.49 3776637.81 67.74083 (20022122) 556352.49 3776637.81 68.47939 (19111219)
556372.49 3776637.81 69.25944 (19101219) 556392.49 3776637.81 72.67066 (19120401)
556412.49 3776637.81 74.77614 (19120401) 556432.49 3776637.81 76.51107 (20012518)
556452.49 3776637.81 77.69080 (20012518) 556472.49 3776637.81 78.91854 (21101320)
556492.49 3776637.81 82.21332 (20012218) 556252.49 3776657.81 57.09964 (18030202)
556272.49 3776657.81 60.21874 (19111818) 556292.49 3776657.81 63.16271 (19111818)
556312.49 3776657.81 66.34239 (21092222) 556332.49 3776657.81 68.97593 (20022122)
556352.49 3776657.81 70.28772 (20022122) 556372.49 3776657.81 70.82508 (19111219)
556392.49 3776657.81 72.82914 (19101219) 556412.49 3776657.81 76.49003 (19120401)
556432.49 3776657.81 78.24724 (19120401) 556452.49 3776657.81 80.44927 (20012518)

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        556472.49   3776657.81       80.62382  (20012518)                556492.49
3776657.81       83.48099  (20012218)
        556252.49   3776677.81       59.31166  (19122922)                556272.49
3776677.81       59.91778  (18030202)
        556292.49   3776677.81       63.11157  (19111818)                556312.49
3776677.81       66.31857  (19111818)
        556332.49   3776677.81       68.69255  (21092222)                556352.49
3776677.81       71.64059  (20022122)
        556372.49   3776677.81       73.21020  (20022122)                556392.49
3776677.81       74.35916  (19111219)
        556412.49   3776677.81       76.01744  (19120401)                556432.49
3776677.81       80.54875  (19120401)
        556452.49   3776677.81       81.77480  (19120401)                556472.49
3776677.81       84.26400  (20012518)
        556492.49   3776677.81       84.37704  (21101320)                556252.49
3776697.81       60.83494  (19122922)
        556272.49   3776697.81       62.33673  (19122922)                556372.49
3776697.81       74.94032  (20022122)
        556392.49   3776697.81       77.26748  (20022122)                556412.49
3776697.81       77.77570  (19111219)
        556432.49   3776697.81       80.94257  (19120401)                556452.49
3776697.81       85.01487  (19120401)
        556472.49   3776697.81       86.43119  (20012518)                556492.49
3776697.81       87.96356  (20012518)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLE     ***
                                  INCLUDING SOURCE(S):     L0000025    , L0000026
,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        556252.49   3776717.81       62.01420  (19122922)                556272.49
3776717.81       64.02900  (19122922)
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        556372.49   3776717.81       75.00001  (21092222)               556392.49
3776717.81       79.62561  (20022122)
        556412.49   3776717.81       80.75968  (20022122)               556432.49
3776717.81       81.69002  (19101219)
        556452.49   3776717.81       86.07035  (19120401)               556472.49
3776717.81       88.82905  (19120401)
        556492.49   3776717.81       91.00268  (20012518)               556267.40
3776875.81       63.51139  (20121319)
        556239.03   3776853.02       61.91593  (20121319)               556178.76
3776751.21       53.05044  (20121319)
        556154.45   3776774.51       54.42975  (20121319)               556119.50
3776705.11       48.28430  (18060603)
        556146.51   3777267.93       33.18836  (18122217)               556151.00
3777234.88       33.54440  (20101318)
        556144.93   3777179.58       34.83801  (21122405)               556205.18
3777236.46       37.59596  (20101318)
        556218.00   3777200.04       40.07534  (21122405)               556772.00
3777345.97      262.29379  (21090724)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                 L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                 L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                 L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        556521.71   3777341.57      223.35633  (19120817)               556539.90
3777344.94      229.64321  (19120817)
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        556591.78   3777345.39      258.71698  (21021119)              556630.62
3777349.66      286.51272  (18020919)
        556684.29   3777349.43      336.79481  (19013018)              556905.58
3777351.19      658.04662  (23010916)
        556920.93   3777350.82      657.30164  (23010916)              556942.87
3777350.09      556.59595  (23042018)
        556996.26   3777348.26      427.96877  (21120716)              557096.81
3777357.77      210.48748  (21120716)
        557115.83   3777363.62      184.83353  (21120716)              557129.36
3777361.43      166.51663  (21120716)
        557230.65   3777363.99       77.83490  (21120716)              556466.22
3776816.07      244.08610  (20022122)
        556407.87   3776826.19      221.67470  (19111818)              556381.07
3776807.14      207.35543  (19111818)
        556404.29   3776771.52      214.71165  (20022122)              556465.21
3776739.51      219.35119  (19120401)
        556396.10   3776739.93      206.32673  (20022122)              556323.99
3777265.43      170.11180  (18060706)
        556330.60   3777233.99      176.94577  (18060706)              556321.08
3777200.43      175.21467  (21122405)
        556275.11   3777267.81      143.58834  (18060706)              556278.28
3777233.46      142.25017  (20101318)
        556509.40   3777373.38      202.91932  (19120817)              556529.40
3777373.38      210.35496  (21021119)
        556549.40   3777373.38      218.77617  (21021119)              556569.40
3777373.38      227.71361  (21021119)
        556589.40   3777373.38      237.48997  (21021119)              556609.40
3777373.38      250.84146  (18020919)
        556629.40   3777373.38      263.99297  (18020919)              556649.40
3777373.38      276.99766  (21021519)
        556669.40   3777373.38      294.59737  (19013018)              556689.40
3777373.38      311.23513  (18121718)
        556709.40   3777373.38      331.05377  (21120317)              556729.40
3777373.38      351.93562  (20120917)
        556749.40   3777373.38      368.58797  (21022818)              556769.40
3777373.38      375.19193  (21090724)
        556789.40   3777373.38      367.45416  (21123117)              556809.40
3777373.38      367.41210  (18061906)
        556829.40   3777373.38      410.04421  (18061906)              556849.40
3777373.38      435.13835  (18061906)
        556869.40   3777373.38      440.04302  (18061906)              556889.40
3777373.38      438.34993  (23010916)
        556909.40   3777373.38      490.14997  (23010916)              556929.40
3777373.38      470.48754  (23010916)
        556949.40   3777373.38      404.63270  (23042018)              556969.40
3777373.38      348.66116  (23042018)
        556989.40   3777373.38      288.04184  (21120716)              557009.40
3777373.38      297.82061  (21120716)
        557029.40   3777373.38      289.29939  (21120716)              557049.40
3777373.38      269.95711  (21120716)
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        557069.40   3777373.38      245.46040  (21120716)               557089.40
3777373.38      219.67113  (21120716)
        557109.40   3777373.38      194.41005  (21120716)               557129.40
3777373.38      170.71233  (21120716)
        557149.40   3777373.38      149.03764  (21120716)               557169.40
3777373.38      129.59030  (21120716)
        557189.40   3777373.38      112.37541  (21120716)               557209.40
3777373.38       97.18171  (21120716)
        557229.40   3777373.38       83.84052  (21120716)               557249.40
3777373.38       72.21549  (21120716)
        557269.40   3777373.38       62.13154  (21120716)               557289.40
3777373.38       55.13684  (18121016)
        557309.40   3777373.38       51.13590  (20022421)               557329.40
3777373.38       48.10973  (20022421)
        557349.40   3777373.38       45.64416  (18012318)               557369.40
3777373.38       43.41395  (18012318)
        557389.40   3777373.38       41.32503  (18012318)               557409.40
3777373.38       39.36559  (18012318)
        557429.40   3777373.38       37.46691  (18012318)               557449.40
3777373.38       35.78123  (20120821)
        557469.40   3777373.38       34.23764  (20120821)               557489.40
3777373.38       32.68049  (20120821)
        556509.40   3777393.38      194.10449  (21021119)               556529.40
3777393.38      200.43693  (21021119)
        556549.40   3777393.38      206.86247  (21021119)               556569.40
3777393.38      215.10487  (18020919)
        556589.40   3777393.38      225.68195  (18020919)               556609.40
3777393.38      234.76124  (18020919)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                  L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                  L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                  L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
556629.40	3777393.38	246.43676	(21021519)	556649.40	3777393.38	260.17975	(19013018)
556669.40	3777393.38	272.70400	(23123118)	556689.40	3777393.38	288.46882	(21120317)
556709.40	3777393.38	303.81153	(19020122)	556729.40	3777393.38	322.26747	(20120917)
556749.40	3777393.38	333.33971	(21090724)	556769.40	3777393.38	333.91802	(21090724)
556789.40	3777393.38	324.63395	(21123117)	556809.40	3777393.38	328.50947	(18061906)
556829.40	3777393.38	359.98876	(18061906)	556849.40	3777393.38	371.05616	(18061906)
556869.40	3777393.38	360.90207	(18061906)	556889.40	3777393.38	349.52188	(23010916)
556909.40	3777393.38	388.63240	(23010916)	556929.40	3777393.38	381.43496	(23010916)
556949.40	3777393.38	324.28120	(23042018)	556969.40	3777393.38	301.80328	(23042018)
556989.40	3777393.38	251.53105	(23042018)	557009.40	3777393.38	219.96856	(21120716)
557029.40	3777393.38	230.01546	(21120716)	557049.40	3777393.38	228.68455	(21120716)
557069.40	3777393.38	219.38533	(21120716)	557089.40	3777393.38	205.21018	(21120716)
557109.40	3777393.38	188.52469	(21120716)	557129.40	3777393.38	170.66673	(21120716)
557149.40	3777393.38	153.16753	(21120716)	557169.40	3777393.38	136.29207	(21120716)
557189.40	3777393.38	120.58867	(21120716)	557209.40	3777393.38	106.29382	(21120716)
557229.40	3777393.38	93.31402	(21120716)	557249.40	3777393.38	81.60398	(21120716)
557269.40	3777393.38	71.22079	(21120716)	557289.40	3777393.38	62.03290	(21120716)
557309.40	3777393.38	53.92294	(21120716)	557329.40	3777393.38	47.54104	(20022421)
557349.40	3777393.38	45.09518	(20022421)	557369.40	3777393.38	42.80662	(20022421)
557389.40	3777393.38	40.64081	(20022421)	557409.40	3777393.38	38.60346	(18012318)
557429.40	3777393.38	36.93769	(18012318)	557449.40	3777393.38	35.39257	(18012318)

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        557469.40   3777393.38       33.85472  (18012318)                557489.40
3777393.38       32.33422  (18012318)
        556509.40   3777413.38      184.23279  (21021119)                556529.40
3777413.38      189.79207  (18020919)
        556549.40   3777413.38      197.53970  (18020919)                556569.40
3777413.38      204.95579  (18020919)
        556589.40   3777413.38      212.96087  (21021519)                556609.40
3777413.38      221.19813  (21021519)
        556629.40   3777413.38      233.49461  (19013018)                556649.40
3777413.38      243.29040  (23123118)
        556669.40   3777413.38      255.81617  (21120317)                556689.40
3777413.38      268.41377  (19020122)
        556709.40   3777413.38      283.94623  (20120917)                556729.40
3777413.38      294.13463  (21022818)
        556749.40   3777413.38      300.89661  (21090724)                556769.40
3777413.38      298.10928  (21090724)
        556789.40   3777413.38      286.33455  (21123117)                556809.40
3777413.38      295.31968  (18061906)
        556829.40   3777413.38      317.63237  (18061906)                556849.40
3777413.38      321.02830  (18061906)
        556869.40   3777413.38      302.85575  (18061906)                556889.40
3777413.38      286.10101  (23010916)
        556909.40   3777413.38      317.15532  (23010916)                556929.40
3777413.38      316.73385  (23010916)
        556949.40   3777413.38      280.09068  (23010916)                556969.40
3777413.38      258.31161  (23042018)
        556989.40   3777413.38      230.14145  (23042018)                557009.40
3777413.38      189.50411  (23042018)
        557029.40   3777413.38      174.35221  (21120716)                557049.40
3777413.38      183.82874  (21120716)
        557069.40   3777413.38      185.75652  (21120716)                557089.40
3777413.38      181.74561  (21120716)
        557109.40   3777413.38      173.60726  (21120716)                557129.40
3777413.38      162.49440  (21120716)
        557149.40   3777413.38      150.23424  (21120716)                557169.40
3777413.38      137.14462  (21120716)
        557189.40   3777413.38      124.18296  (21120716)                557209.40
3777413.38      111.70135  (21120716)
↟ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
```

```
, L0000085    , L0000086    , L0000087    ,
                L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        557229.40   3777413.38       99.82264  (21120716)               557249.40
3777413.38       88.79799  (21120716)
        557269.40   3777413.38       78.69871  (21120716)               557289.40
3777413.38       69.51977  (21120716)
        557309.40   3777413.38       61.24640  (21120716)               557329.40
3777413.38       53.82669  (21120716)
        557349.40   3777413.38       47.26729  (21120716)               557369.40
3777413.38       42.06248  (20022421)
        557389.40   3777413.38       40.18593  (20022421)               557409.40
3777413.38       38.36435  (20022421)
        557429.40   3777413.38       36.49592  (20022421)               557449.40
3777413.38       34.83248  (20022421)
        557469.40   3777413.38       33.27921  (20022421)               557489.40
3777413.38       31.91276  (18012318)
        556509.40   3777433.38      175.87345  (18020919)               556529.40
3777433.38      181.63717  (18020919)
        556549.40   3777433.38      186.91887  (23121917)               556569.40
3777433.38      194.01873  (23121917)
        556589.40   3777433.38      200.32837  (23121917)               556609.40
3777433.38      211.21338  (19013018)
        556629.40   3777433.38      219.70135  (19013018)               556649.40
3777433.38      229.82329  (18121718)
        556669.40   3777433.38      240.66947  (21120317)               556689.40
3777433.38      252.01513  (20120917)
        556709.40   3777433.38      263.97927  (20120917)               556729.40
3777433.38      271.79024  (21090724)
        556749.40   3777433.38      272.48697  (21090724)               556769.40
3777433.38      265.64228  (21090724)
        556789.40   3777433.38      250.70072  (21123117)               556809.40
3777433.38      266.52436  (18061906)
        556829.40   3777433.38      281.97626  (18061906)               556849.40
3777433.38      279.10052  (18061906)
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        556869.40   3777433.38      256.48365  (18061906)                556889.40
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        556909.40   3777433.38      264.21610  (23010916)                556929.40
3777433.38      267.22275  (23010916)
        556949.40   3777433.38      244.50130  (23010916)                556969.40
3777433.38      220.46699  (23042018)
        556989.40   3777433.38      206.34602  (23042018)                557009.40
3777433.38      180.18079  (23042018)
        557029.40   3777433.38      147.70093  (23042018)                557049.40
3777433.38      142.31362  (21120716)
        557069.40   3777433.38      150.75053  (21120716)                557089.40
3777433.38      153.99052  (21120716)
        557109.40   3777433.38      152.88865  (21120716)                557129.40
3777433.38      148.18872  (21120716)
        557149.40   3777433.38      141.20525  (21120716)                557169.40
3777433.38      132.42654  (21120716)
        557189.40   3777433.38      122.89491  (21120716)                557209.40
3777433.38      112.96769  (21120716)
        557229.40   3777433.38      102.91991  (21120716)                557249.40
3777433.38       93.27453  (21120716)
        557269.40   3777433.38       84.02138  (21120716)                557289.40
3777433.38       75.31627  (21120716)
        557309.40   3777433.38       67.32014  (21120716)                557329.40
3777433.38       59.92058  (21120716)
        557349.40   3777433.38       53.16435  (21120716)                557369.40
3777433.38       47.11383  (21120716)
        557389.40   3777433.38       41.71456  (21120716)                557409.40
3777433.38       37.67659  (20022421)
        557429.40   3777433.38       35.98154  (20022421)                557449.40
3777433.38       34.49658  (20022421)
        557469.40   3777433.38       33.05303  (20022421)                557489.40
3777433.38       31.66564  (20022421)
        556509.40   3777453.38      167.71730  (18020919)                556529.40
3777453.38      172.98457  (23121917)
        556549.40   3777453.38      178.53040  (23121917)                556569.40
3777453.38      183.86863  (19013018)
        556589.40   3777453.38      192.70626  (19013018)                556609.40
3777453.38      199.42212  (23123118)
        556629.40   3777453.38      208.31529  (18121718)                556649.40
3777453.38      218.00760  (21120317)
        556669.40   3777453.38      225.42481  (19020122)                556689.40
3777453.38      237.41960  (20120917)
        556709.40   3777453.38      243.72821  (21090724)                556729.40
3777453.38      249.41504  (21090724)
        556749.40   3777453.38      246.18186  (21090724)                556769.40
3777453.38      235.10518  (21092219)
        556789.40   3777453.38      217.34507  (21123117)                556809.40
3777453.38      241.66706  (18061906)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
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                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000083   , L0000084 , L0000085   , L0000086   , L0000087   ,
                 L0000088   , L0000089   , L0000090   , L0000091   , L0000092 , L0000093   , L0000094   , L0000095   ,
                 L0000096   , L0000097   , L0000098   , L0000099   , L0000100 , L0000101   , L0000102   , L0000103   ,
                 L0000104   , L0000105   , L0000106   , L0000025   , L0000026 , L0000107   , L0000108   , . . .   ,

                                                *** 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)
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        557269.40   3777453.38       86.83561  (21120716)               557289.40
3777453.38       79.10304  (21120716)
        557309.40   3777453.38       71.73435  (21120716)               557329.40
3777453.38       64.74234  (21120716)
        557349.40   3777453.38       58.22469  (21120716)               557369.40
3777453.38       52.15336  (21120716)
        557389.40   3777453.38       46.63553  (21120716)               557409.40
3777453.38       41.63335  (21120716)
        557429.40   3777453.38       37.06108  (21120716)               557449.40
3777453.38       33.82595  (20022421)
        557469.40   3777453.38       32.53026  (20022421)               557489.40
3777453.38       31.24331  (20022421)
        556509.40   3777473.38      160.66598  (23121917)               556529.40
3777473.38      164.41289  (23121917)
        556549.40   3777473.38      169.82727  (19013018)               556569.40
3777473.38      177.09336  (19013018)
        556589.40   3777473.38      182.54751  (23123118)               556609.40
3777473.38      189.52719  (18121718)
        556629.40   3777473.38      198.03794  (21120317)               556649.40
3777473.38      204.76115  (19020122)
        556669.40   3777473.38      214.04969  (20120917)               556689.40
3777473.38      221.09462  (20120917)
        556709.40   3777473.38      226.82003  (21090724)               556729.40
3777473.38      227.67788  (21090724)
        556749.40   3777473.38      220.21859  (21090724)               556769.40
3777473.38      206.57059  (21092219)
        556789.40   3777473.38      201.05663  (18061906)               556809.40
3777473.38      219.81615  (18061906)
        556829.40   3777473.38      225.10000  (18061906)               556849.40
3777473.38      215.14454  (18061906)
        556869.40   3777473.38      189.89121  (18061906)               556889.40
3777473.38      174.18260  (23010916)
        556909.40   3777473.38      192.13878  (23010916)               556929.40
3777473.38      198.08362  (23010916)
        556949.40   3777473.38      189.57079  (23010916)               556969.40
3777473.38      167.94809  (23010916)
        556989.40   3777473.38      161.93277  (23042018)               557009.40
3777473.38      153.02507  (23042018)
        557029.40   3777473.38      137.01543  (23042018)               557049.40
3777473.38      117.10806  (23042018)
        557069.40   3777473.38       97.56313  (21121516)               557089.40
3777473.38      100.01516  (21120716)
        557109.40   3777473.38      106.71885  (21120716)               557129.40
3777473.38      110.58735  (21120716)
        557149.40   3777473.38      112.02182  (21120716)               557169.40
3777473.38      111.03132  (21120716)
        557189.40   3777473.38      108.33961  (21120716)               557209.40
3777473.38      104.25927  (21120716)
        557229.40   3777473.38       99.09858  (21120716)               557249.40
3777473.38       93.33003  (21120716)
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        557429.40   3777473.38   41.22391 (21120716)   557449.40
3777473.38   37.00711 (21120716)
        557469.40   3777473.38   33.12837 (21120716)   557489.40
3777473.38   30.56918 (20022421)
        556509.40   3777493.38   152.67291 (23121917)   556529.40
3777493.38   158.34786 (19013018)
        556549.40   3777493.38   163.82794 (19013018)   556569.40
3777493.38   167.81484 (23123118)
        556589.40   3777493.38   173.57780 (18121718)   556609.40
3777493.38   181.06407 (21120317)
        556629.40   3777493.38   186.29980 (19020122)   556649.40
3777493.38   193.62232 (20120917)

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        556669.40   3777493.38      201.96132  (20120917)              556689.40
3777493.38      206.53741  (21090724)
        556709.40   3777493.38      209.67841  (21090724)              556729.40
3777493.38      206.84733  (21090724)
        556749.40   3777493.38      196.08843  (21090724)              556769.40
3777493.38      180.34728  (21092219)
        556789.40   3777493.38      186.40644  (18061906)              556809.40
3777493.38      200.33126  (18061906)
        556829.40   3777493.38      202.09249  (18061906)              556849.40
3777493.38      190.02666  (18061906)
        556869.40   3777493.38      165.17211  (18061906)              556889.40
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        556909.40   3777493.38      166.85420  (23010916)              556929.40
3777493.38      173.20567  (23010916)
        556949.40   3777493.38      168.43375  (23010916)              556969.40
3777493.38      152.99650  (23010916)
        556989.40   3777493.38      142.72083  (23042018)              557009.40
3777493.38      138.88486  (23042018)
        557029.40   3777493.38      128.51342  (23042018)              557049.40
3777493.38      113.76713  (23042018)
        557069.40   3777493.38       96.96432  (23042018)              557089.40
3777493.38       84.76240  (21121516)
        557109.40   3777493.38       85.66303  (21120716)              557129.40
3777493.38       91.51780  (21120716)
        557149.40   3777493.38       95.37670  (21120716)              557169.40
3777493.38       97.20403  (21120716)
        557189.40   3777493.38       97.18629  (21120716)              557209.40
3777493.38       95.75277  (21120716)
        557229.40   3777493.38       92.98462  (21120716)              557249.40
3777493.38       89.28489  (21120716)
        557269.40   3777493.38       84.89074  (21120716)              557289.40
3777493.38       79.99817  (21120716)
        557309.40   3777493.38       74.80759  (21120716)              557329.40
3777493.38       69.52128  (21120716)
        557349.40   3777493.38       64.24528  (21120716)              557369.40
3777493.38       59.06252  (21120716)
        557389.40   3777493.38       54.07400  (21120716)              557409.40
3777493.38       49.31223  (21120716)
        557429.40   3777493.38       44.77497  (21120716)              557449.40
3777493.38       40.58402  (21120716)
        557469.40   3777493.38       36.69509  (21120716)              557489.40
3777493.38       33.08363  (21120716)
        556509.40   3777513.38      147.67811  (19013018)              556529.40
3777513.38      152.15641  (19013018)
        556549.40   3777513.38      155.75686  (23123118)              556569.40
3777513.38      161.32476  (18121718)
        556589.40   3777513.38      167.44472  (21120317)              556609.40
3777513.38      171.61273  (21120317)
        556629.40   3777513.38      177.36555  (20120917)              556649.40
3777513.38      185.14912  (20120917)
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        556669.40   3777513.38      189.05071  (20120917)                556689.40
3777513.38      193.06090  (21090724)
        556709.40   3777513.38      192.56500  (21090724)                556729.40
3777513.38      186.57001  (21090724)
        556749.40   3777513.38      173.77432  (21092219)                556769.40
3777513.38      157.03291  (21123117)
        556789.40   3777513.38      173.12825  (18061906)                556809.40
3777513.38      183.05337  (18061906)
        556829.40   3777513.38      181.89761  (18061906)                556849.40
3777513.38      168.60026  (18061906)
        556869.40   3777513.38      144.65510  (18061906)                556889.40
3777513.38      132.94884  (23010916)
        556909.40   3777513.38      146.25727  (23010916)                556929.40
3777513.38      152.70637  (23010916)
        556949.40   3777513.38      150.44676  (23010916)                556969.40
3777513.38      139.49260  (23010916)
        556989.40   3777513.38      125.66829  (23042018)                557009.40
3777513.38      125.24421  (23042018)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                  L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                  L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                  L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        557029.40   3777513.38      119.13470  (23042018)                557049.40
3777513.38      108.73224  (23042018)
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        557069.40   3777513.38       95.54037  (23042018)              557089.40
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3777513.38       74.05272  (21120716)
        557149.40   3777513.38       79.30464  (21120716)              557169.40
3777513.38       82.96061  (21120716)
        557189.40   3777513.38       85.00535  (21120716)              557209.40
3777513.38       85.69907  (21120716)
        557229.40   3777513.38       84.99449  (21120716)              557249.40
3777513.38       83.29703  (21120716)
        557269.40   3777513.38       80.65554  (21120716)              557289.40
3777513.38       77.32336  (21120716)
        557309.40   3777513.38       73.52137  (21120716)              557329.40
3777513.38       69.36783  (21120716)
        557349.40   3777513.38       65.00235  (21120716)              557369.40
3777513.38       60.54846  (21120716)
        557389.40   3777513.38       56.12855  (21120716)              557409.40
3777513.38       51.79606  (21120716)
        557429.40   3777513.38       47.57419  (21120716)              557449.40
3777513.38       43.55122  (21120716)
        557469.40   3777513.38       39.74945  (21120716)              557489.40
3777513.38       36.17886  (21120716)
        556509.40   3777533.38      142.03989  (19013018)              556529.40
3777533.38      145.54720  (23123118)
        556549.40   3777533.38      149.59186  (18121718)              556569.40
3777533.38      154.89305  (21120317)
        556589.40   3777533.38      158.89551  (21120317)              556609.40
3777533.38      162.72451  (19020122)
        556629.40   3777533.38      169.82145  (20120917)              556649.40
3777533.38      174.33687  (20120917)
        556669.40   3777533.38      177.56960  (21090724)              556689.40
3777533.38      178.89160  (21090724)
        556709.40   3777533.38      175.72005  (21090724)              556729.40
3777533.38      167.11309  (21090724)
        556749.40   3777533.38      153.16195  (21092219)              556769.40
3777533.38      145.52525  (18061906)
        556789.40   3777533.38      160.88415  (18061906)              556809.40
3777533.38      167.60629  (18061906)
        556829.40   3777533.38      164.29466  (18061906)              556849.40
3777533.38      150.24921  (18061906)
        556869.40   3777533.38      127.46239  (18061906)              556889.40
3777533.38      120.65270  (18010618)
        556909.40   3777533.38      129.30375  (23010916)              556929.40
3777533.38      135.59780  (23010916)
        556949.40   3777533.38      135.01817  (23010916)              556969.40
3777533.38      127.31562  (23010916)
        556989.40   3777533.38      113.69204  (23010916)              557009.40
3777533.38      112.52379  (23042018)
        557029.40   3777533.38      109.55575  (23042018)              557049.40
3777533.38      102.58462  (23042018)
```

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        557069.40   3777533.38       92.66301  (23042018)                557089.40
3777533.38       81.04486  (23042018)
        557109.40   3777533.38       69.32961  (23011817)                557129.40
3777533.38       66.00782  (21121516)
        557149.40   3777533.38       64.64876  (21120716)                557169.40
3777533.38       69.27036  (21120716)
        557189.40   3777533.38       72.68331  (21120716)                557209.40
3777533.38       74.93378  (21120716)
        557229.40   3777533.38       75.87543  (21120716)                557249.40
3777533.38       75.85185  (21120716)
        557269.40   3777533.38       74.82187  (21120716)                557289.40
3777533.38       73.01551  (21120716)
        557309.40   3777533.38       70.56248  (21120716)                557329.40
3777533.38       67.60655  (21120716)
        557349.40   3777533.38       64.28562  (21120716)                557369.40
3777533.38       60.70000  (21120716)
        557389.40   3777533.38       56.95712  (21120716)                557409.40
3777533.38       53.20755  (21120716)
        557429.40   3777533.38       49.44520  (21120716)                557449.40
3777533.38       45.76281  (21120716)
        557469.40   3777533.38       42.17471  (21120716)                557489.40
3777533.38       38.74307  (21120716)
        556509.40   3777553.38      136.23611  (23123118)                556529.40
3777553.38      139.83585  (18121718)
        556549.40   3777553.38      144.33221  (21120317)                556569.40
3777553.38      148.06929  (21120317)
        556589.40   3777553.38      151.34554  (19020122)                556609.40
3777553.38      156.67979  (20120917)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                  L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                  L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                  L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
556629.40	3777553.38	161.39552	(20120917)	556649.40	3777553.38	164.36662	(21090724)
556669.40	3777553.38	166.18863	(21090724)	556689.40	3777553.38	164.59435	(21090724)
556709.40	3777553.38	159.11225	(21090724)	556729.40	3777553.38	148.76770	(21092219)
556749.40	3777553.38	133.75634	(21123117)	556769.40	3777553.38	137.28239	(18061906)
556789.40	3777553.38	149.51313	(18061906)	556809.40	3777553.38	153.69195	(18061906)
556829.40	3777553.38	148.69414	(18061906)	556849.40	3777553.38	134.47876	(18061906)
556869.40	3777553.38	113.01701	(18061906)	556889.40	3777553.38	110.92840	(18010618)
556909.40	3777553.38	115.13730	(23010916)	556929.40	3777553.38	121.20658	(23010916)
556949.40	3777553.38	121.71459	(23010916)	556969.40	3777553.38	116.42254	(23010916)
556989.40	3777553.38	105.94343	(23010916)	557009.40	3777553.38	101.85635	(21123120)
557029.40	3777553.38	100.12665	(23042018)	557049.40	3777553.38	95.87030	(23042018)
557069.40	3777553.38	88.69964	(23042018)	557089.40	3777553.38	79.52968	(23042018)
557109.40	3777553.38	69.69306	(23011817)	557129.40	3777553.38	61.20858	(21121516)
557149.40	3777553.38	58.94924	(21121516)	557169.40	3777553.38	56.78226	(21120716)
557189.40	3777553.38	60.93049	(21120716)	557209.40	3777553.38	64.13741	(21120716)
557229.40	3777553.38	66.33149	(21120716)	557249.40	3777553.38	67.56578	(21120716)
557269.40	3777553.38	67.90876	(21120716)	557289.40	3777553.38	67.44034	(21120716)
557309.40	3777553.38	66.25425	(21120716)	557329.40	3777553.38	64.46889	(21120716)
557349.40	3777553.38	62.21337	(21120716)	557369.40	3777553.38	59.57477	(21120716)
557389.40	3777553.38	56.63455	(21120716)	557409.40	3777553.38	53.54250	(21120716)
557429.40	3777553.38	50.33972	(21120716)	557449.40	3777553.38	47.10629	(21120716)

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        557469.40   3777553.38       43.87811  (21120716)                557489.40
3777553.38       40.69239  (21120716)
        557438.91   3777336.71       37.65369  (20022420)                556615.91
3777136.99      597.62770  (18010518)
        556586.37   3777056.16      355.45310  (19022020)                556672.35
3776929.14      274.88715  (23122020)
        556692.35   3776929.14      287.06752  (23122020)                556712.35
3776929.14      283.21403  (23122020)
        556732.35   3776929.14      269.22073  (23092719)                556752.35
3776929.14      273.98480  (20022020)
        556772.35   3776929.14      279.98227  (20022020)                556792.35
3776929.14      279.41730  (19090505)
        556812.35   3776929.14      284.58242  (18020819)                556832.35
3776929.14      285.92310  (18020419)
        556852.35   3776929.14      279.53602  (18020419)                556672.35
3776949.14      290.84661  (20012024)
        556692.35   3776949.14      307.88961  (23122020)                556712.35
3776949.14      315.57698  (23122020)
        556732.35   3776949.14      302.26845  (23122020)                556752.35
3776949.14      300.17588  (19120821)
        556772.35   3776949.14      309.34873  (20022020)                556792.35
3776949.14      303.91092  (18123118)
        556812.35   3776949.14      310.35272  (18020819)                556832.35
3776949.14      312.11333  (18020419)
        556852.35   3776949.14      306.03430  (18020419)                556672.35
3776969.14      316.65905  (20012024)
        556692.35   3776969.14      327.46683  (18021502)                556712.35
3776969.14      345.78867  (23122020)
        556732.35   3776969.14      345.00697  (23122020)                556752.35
3776969.14      328.29983  (23092719)
        556772.35   3776969.14      338.97231  (20022020)                556792.35
3776969.14      334.83311  (20022020)
        556812.35   3776969.14      340.13204  (18020819)                556832.35
3776969.14      342.88645  (18020419)
        556852.35   3776969.14      337.11395  (18020419)                556672.35
3776989.14      337.23712  (19011720)
        556692.35   3776989.14      356.13594  (20012024)                556712.35
3776989.14      371.62773  (23122020)
↟ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
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, L0000085    , L0000086    , L0000087    ,
                L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556732.35   3776989.14      388.29771  (23122020)               556752.35
3776989.14      373.22228  (23122020)
        556772.35   3776989.14      370.84764  (19120821)               556792.35
3776989.14      378.71893  (20022020)
        556812.35   3776989.14      379.30472  (19090505)               556832.35
3776989.14      381.17026  (18020819)
        556852.35   3776989.14      374.16698  (18020419)               556672.35
3777009.14      356.40605  (21022319)
        556692.35   3777009.14      384.06795  (20012024)               556712.35
3777009.14      403.27589  (20012024)
        556732.35   3777009.14      428.81683  (23122020)               556752.35
3777009.14      433.91742  (23122020)
        556772.35   3777009.14      412.85871  (23092719)               556792.35
3777009.14      427.33053  (20022020)
        556812.35   3777009.14      424.19254  (19090505)               556832.35
3777009.14      428.60307  (18020819)
        556852.35   3777009.14      419.09418  (18020419)               556672.35
3777029.14      391.41587  (21022319)
        556692.35   3777029.14      406.71925  (21022319)               556712.35
3777029.14      443.67798  (20012024)
        556732.35   3777029.14      466.24534  (18021502)               556752.35
3777029.14      495.97989  (23122020)
        556772.35   3777029.14      478.88695  (23122020)               556792.35
3777029.14      482.04025  (20022020)
        556812.35   3777029.14      478.81698  (18123118)               556832.35
3777029.14      486.75805  (18020819)
        556852.35   3777029.14      474.52601  (18020419)               556672.35
3777049.14      420.62747  (18121217)
        556692.35   3777049.14      451.11930  (21022319)               556712.35
3777049.14      474.49036  (19011720)
        556732.35   3777049.14      520.28873  (20012024)               556752.35
3777049.14      553.33249  (23122020)
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        556772.35   3777049.14      571.74445  (23122020)               556792.35
3777049.14      545.99080  (19120821)
        556812.35   3777049.14      555.11304  (20022020)               556832.35
3777049.14      559.53418  (18020819)
        556852.35   3777049.14      544.42259  (18020419)               556927.54
3776959.53      273.48637  (20090321)
        556947.54   3776959.53      254.75814  (19012919)               556967.54
3776959.53      247.61638  (20013018)
        556987.54   3776959.53      237.85826  (19091503)               557007.54
3776959.53      225.47120  (21120220)
        557027.54   3776959.53      207.49009  (21120220)               557047.54
3776959.53      185.62938  (21120220)
        557067.54   3776959.53      162.19824  (21120220)               557087.54
3776959.53      138.79550  (21120220)
        556927.54   3776979.53      297.51389  (20090321)               556947.54
3776979.53      279.24100  (23121318)
        556967.54   3776979.53      268.12022  (21092021)               556987.54
3776979.53      254.22762  (21120220)
        557007.54   3776979.53      235.20927  (21120220)               557027.54
3776979.53      210.77254  (21120220)
        557047.54   3776979.53      184.05567  (21120220)               557067.54
3776979.53      157.43521  (21120220)
        557087.54   3776979.53      132.04536  (21120220)               556927.54
3776999.53      322.61390  (20090321)
        556947.54   3776999.53      305.35844  (20013018)               556967.54
3776999.53      289.13828  (19091503)
        556987.54   3776999.53      269.14699  (21120220)               557007.54
3776999.53      241.36257  (21120220)
        557027.54   3776999.53      210.40725  (21120220)               557047.54
3776999.53      179.41393  (21120220)
        557067.54   3776999.53      150.23359  (21120220)               557087.54
3776999.53      123.72953  (21120220)
        556927.54   3777019.53      353.95010  (19012919)               556947.54
3777019.53      335.41330  (21092021)
        556967.54   3777019.53      311.89085  (21120220)               556987.54
3777019.53      279.78938  (21120220)
        557007.54   3777019.53      242.85387  (21120220)               557027.54
3777019.53      206.10236  (21120220)
        557047.54   3777019.53      171.96942  (21120220)               557067.54
3777019.53      141.38215  (21120220)
        557087.54   3777019.53      115.86173  (19011005)               556927.54
3777039.53      395.91883  (20013018)
        556947.54   3777039.53      367.17233  (21120220)               556967.54
3777039.53      329.84602  (21120220)
        556987.54   3777039.53      284.22444  (21120220)               557007.54
3777039.53      238.98944  (21120220)
        557027.54   3777039.53      198.08639  (21120220)               557047.54
3777039.53      167.57560  (21020907)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000083   , L0000084
, L0000085   , L0000086   , L0000087   ,
                  L0000088   , L0000089   , L0000090   , L0000091   , L0000092
, L0000093   , L0000094   , L0000095   ,
                  L0000096   , L0000097   , L0000098   , L0000099   , L0000100
, L0000101   , L0000102   , L0000103   ,
                  L0000104   , L0000105   , L0000106   , L0000025   , L0000026
, L0000107   , L0000108   , . . .   ,

                                          *** 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)
 - - -

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        557083.57   3777191.57      133.48770  (19090218)              557023.57
3777211.57      208.12351  (19041718)
        557043.57   3777211.57      180.45218  (19041718)              557063.57
3777211.57      158.94253  (19041718)
        557083.57   3777211.57      142.70137  (19041718)              557023.57
3777231.57      213.67896  (19041718)
        557043.57   3777231.57      189.20598  (19041718)              557063.57
3777231.57      168.80707  (19041718)
        557083.57   3777231.57      152.05793  (19041718)              557023.57
3777251.57      229.33904  (18121016)
        557043.57   3777251.57      195.80841  (19041718)              557063.57
3777251.57      174.80710  (19041718)
        557083.57   3777251.57      153.43486  (19041718)              556249.05
3776972.85      167.12680  (18010518)
        556269.05   3776972.85      184.34122  (18010518)              556229.05
3776992.85      150.14525  (20022718)
        556249.05   3776992.85      164.57262  (20121018)              556269.05
3776992.85      175.68706  (20121018)
        556289.05   3776992.85      187.57868  (18010518)              556309.05
3776992.85      206.02658  (18010518)
        556329.05   3776992.85      224.29680  (23091119)              556209.05
3777012.85      131.40877  (20022718)
        556229.05   3777012.85      154.05723  (20022718)              556249.05
3777012.85      162.94784  (20022718)
        556269.05   3777012.85      170.32878  (20022718)              556289.05
3777012.85      179.69180  (20121018)
        556309.05   3777012.85      196.68926  (20121018)              556329.05
3777012.85      206.03634  (18010518)
        556209.05   3777032.85      132.21427  (18022020)              556229.05
3777032.85      145.81136  (18022020)
        556249.05   3777032.85      162.38498  (19011707)              556269.05
3777032.85      169.97945  (19011707)
        556289.05   3777032.85      178.21779  (20022718)              556309.05
3777032.85      187.77540  (20022718)
        556209.05   3777052.85      132.72520  (18022124)              556229.05
3777052.85      147.07330  (18022124)
        556249.05   3777052.85      146.68666  (18022020)              556269.05
3777052.85      161.00425  (18022020)
        556289.05   3777052.85      168.59627  (18022020)              556309.05
3777052.85      176.88568  (20022718)
        556249.05   3777072.85      148.90605  (20021919)              556269.05
3777072.85      154.72248  (20021919)
        556289.05   3777072.85      161.82825  (18022020)              556269.05
3777092.85      159.54536  (20021919)
        556441.69   3776927.49      272.83832  (21113019)              556461.69
3776927.49      279.57898  (21113019)
        556481.69   3776927.49      286.20288  (19122922)              556421.69
3776947.49      272.05257  (20121319)
        556441.69   3776947.49      280.64102  (21120705)              556461.69
3776947.49      288.20258  (19100519)
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        556481.69   3776947.49      298.12623  (21113019)                556401.69
3776967.49      275.71739  (20121319)
        556421.69   3776967.49      285.92524  (20121319)                556441.69
3776967.49      295.09815  (20121319)
        556461.69   3776967.49      297.66526  (21120705)                556481.69
3776967.49      306.63143  (21120705)
        556401.69   3776987.49      273.19930  (20121319)                556421.69
3776987.49      292.64015  (20121319)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                   PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556441.69   3776987.49      306.13026  (20121319)                556461.69
3776987.49      316.15842  (20121319)
        556481.69   3776987.49      319.13102  (20121319)                556421.69
3777007.49      289.30266  (19120818)
        556441.69   3777007.49      310.57285  (20121319)                556461.69
3777007.49      328.24810  (20121319)
        556481.69   3777007.49      338.60498  (20121319)                556441.69
3777027.49      315.19761  (19120818)
        556461.69   3777027.49      329.07756  (20121319)                556481.69
3777027.49      348.58079  (20121319)
        556251.24   3777154.95      149.85752  (23090619)                556261.28
3777141.20      153.58284  (23090619)
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        556264.98   3777168.16      154.83668  (18021319)               556279.25
3777151.77      161.42477  (23090619)
        556202.60   3777113.45      130.43280  (20022620)               556220.05
3777109.75      136.77515  (20021919)
        556187.53   3777090.19      128.86826  (20021919)               556164.27
3777121.38      120.37589  (23090619)
        557510.26   3776508.23       31.54316  (21022621)               557530.26
3776508.23       30.54737  (21022621)
        557550.26   3776508.23       29.35214  (21022621)               557570.26
3776508.23       28.22652  (23010403)
        557590.26   3776508.23       27.30497  (20121619)               557610.26
3776508.23       26.97284  (20121619)
        557630.26   3776508.23       26.37548  (20121619)               557650.26
3776508.23       25.93047  (19011919)
        557670.26   3776508.23       25.18010  (19011919)               557690.26
3776508.23       24.21934  (19011919)
        557510.26   3776528.23       30.56676  (21022621)               557530.26
3776528.23       29.35660  (18120419)
        557550.26   3776528.23       28.40491  (18120419)               557570.26
3776528.23       27.23315  (19022622)
        557590.26   3776528.23       26.58449  (19022622)               557610.26
3776528.23       26.09247  (19011919)
        557630.26   3776528.23       25.68640  (19011919)               557650.26
3776528.23       25.27157  (19011919)
        557670.26   3776528.23       24.30544  (19011919)               557690.26
3776528.23       23.67725  (19013002)
        557510.26   3776548.23       29.25584  (18120419)               557530.26
3776548.23       28.48648  (18120419)
        557550.26   3776548.23       27.12007  (19013005)               557570.26
3776548.23       26.11115  (19013005)
        557590.26   3776548.23       25.50861  (21020122)               557610.26
3776548.23       24.97040  (21020122)
        557630.26   3776548.23       24.46471  (21020122)               557650.26
3776548.23       24.12541  (19013002)
        557670.26   3776548.23       23.50720  (19013002)               557690.26
3776548.23       22.99010  (19013002)
        557510.26   3776568.23       27.92815  (18120419)               557530.26
3776568.23       27.21471  (19013005)
        557550.26   3776568.23       26.11998  (19013005)               557570.26
3776568.23       25.00774  (21020122)
        557590.26   3776568.23       24.44656  (21020122)               557610.26
3776568.23       23.81935  (21020122)
        557630.26   3776568.23       23.29294  (18020623)               557650.26
3776568.23       23.01578  (19013002)
        557670.26   3776568.23       22.51971  (18120923)               557690.26
3776568.23       22.03429  (18120923)
        557510.26   3776588.23       26.63191  (18121705)               557530.26
3776588.23       26.01748  (18121705)
        557550.26   3776588.23       25.01345  (21020122)               557570.26
3776588.23       23.82475  (21020122)
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        557590.26   3776588.23       23.04302  (18020623)               557610.26
3776588.23       22.46859  (18020623)
        557630.26   3776588.23       22.18934  (18120923)               557650.26
3776588.23       22.04301  (18120923)
        557670.26   3776588.23       22.07394  (19021319)               557690.26
3776588.23       22.40806  (19021319)
        557510.26   3776608.23       25.16353  (23120519)               557530.26
3776608.23       24.61416  (21020122)
        557550.26   3776608.23       23.65839  (18020623)               557570.26
3776608.23       22.68603  (18020623)
        557590.26   3776608.23       21.69198  (18020623)               557610.26
3776608.23       21.09592  (18120923)
        557630.26   3776608.23       21.34921  (19021319)               557650.26
3776608.23       21.75256  (19021319)
        557670.26   3776608.23       21.99309  (19021319)               557690.26
3776608.23       22.15473  (19021319)
        557510.26   3776628.23       23.90876  (18120819)               557530.26
3776628.23       23.16077  (23020419)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:55:36

                                 PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        557550.26   3776628.23       22.12546  (19012824)               557570.26
3776628.23       21.76365  (19012824)
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        557590.26   3776628.23       20.70499  (23122906)              557610.26
3776628.23       20.90885  (23122906)
        557630.26   3776628.23       21.18534  (23122906)              557650.26
3776628.23       21.56306  (23122906)
        557670.26   3776628.23       21.69720  (23122906)              557690.26
3776628.23       21.84922  (19021319)
        557510.26   3776648.23       22.61323  (18120819)              557530.26
3776648.23       21.58067  (18120819)
        557550.26   3776648.23       20.74960  (18020719)              557570.26
3776648.23       19.87007  (23122906)
        557590.26   3776648.23       20.09823  (23122906)              557610.26
3776648.23       19.99281  (23122906)
        557630.26   3776648.23       20.39557  (23122906)              557650.26
3776648.23       20.88172  (23122906)
        557670.26   3776648.23       20.88290  (23122906)              557690.26
3776648.23       21.09625  (23122906)
        557510.26   3776668.23       20.25669  (18120819)              557530.26
3776668.23       19.27615  (18020719)
        557550.26   3776668.23       18.87142  (20120824)              557570.26
3776668.23       17.31542  (23122906)
        557590.26   3776668.23       17.97090  (23122906)              557610.26
3776668.23       17.26898  (23122906)
        557630.26   3776668.23       17.57679  (23122906)              557650.26
3776668.23       18.18214  (23122906)
        557670.26   3776668.23       19.30114  (23122906)              557690.26
3776668.23       19.40406  (23122906)
        557510.26   3776688.23       17.33714  (18120819)              557530.26
3776688.23       16.43969  (18020719)
        557550.26   3776688.23       15.80802  (23122906)              557570.26
3776688.23       15.73535  (20120824)
        557590.26   3776688.23       15.77144  (20120824)              557610.26
3776688.23       15.18352  (23122906)
        557630.26   3776688.23       15.59933  (20120824)              557650.26
3776688.23       16.01144  (23122906)
        557670.26   3776688.23       15.97035  (23122906)              557690.26
3776688.23       15.76793  (23122906)
        556172.49   3776517.81      141.20070  (20022122)              556192.49
3776517.81      142.14954  (20022122)
        556212.49   3776517.81      143.22455  (19111219)              556232.49
3776517.81      145.38953  (19101219)
        556252.49   3776517.81      147.88730  (19101219)              556272.49
3776517.81      149.26618  (19120401)
        556292.49   3776517.81      151.63940  (19120401)              556312.49
3776517.81      153.75958  (20012518)
        556332.49   3776517.81      156.06317  (20012518)              556352.49
3776517.81      155.42852  (20012518)
        556372.49   3776517.81      155.16440  (21101320)              556392.49
3776517.81      160.15006  (20012218)
        556412.49   3776517.81      161.89887  (20012218)              556432.49
3776517.81      159.31046  (20012218)
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        556452.49   3776517.81      157.23608  (20102506)               556472.49
3776517.81      162.68714  (20090403)
        556492.49   3776517.81      165.21575  (20090403)               556172.49
3776537.81      142.05941  (20022122)
        556192.49   3776537.81      145.72721  (20022122)               556212.49
3776537.81      146.99777  (20022122)
        556232.49   3776537.81      147.63655  (19111219)               556252.49
3776537.81      150.21879  (19101219)
        556272.49   3776537.81      152.61635  (19101219)               556292.49
3776537.81      154.34964  (19120401)
        556312.49   3776537.81      156.25572  (19120401)               556332.49
3776537.81      158.76406  (20012518)
        556352.49   3776537.81      160.74209  (20012518)               556372.49
3776537.81      159.43337  (20012518)
        556392.49   3776537.81      161.66676  (20012218)               556412.49
3776537.81      166.04850  (20012218)
        556432.49   3776537.81      166.32075  (20012218)               556452.49
3776537.81      161.86417  (20012218)
        556472.49   3776537.81      163.83804  (20090403)               556492.49
3776537.81      169.01406  (20090403)
        556332.49   3776557.81      160.54226  (19120401)               556352.49
3776557.81      164.52606  (20012518)
        556372.49   3776557.81      165.58167  (20012518)               556392.49
3776557.81      163.07072  (20012518)
        556412.49   3776557.81      168.13379  (20012218)               556432.49
3776557.81      171.58678  (20012218)
        556452.49   3776557.81      170.38666  (20012218)               556472.49
3776557.81      165.91649  (20102506)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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                                  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000083    , L0000084
, L0000085    , L0000086    , L0000087    ,
                  L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                  L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                  L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
556492.49	3776557.81	171.46481	(20090403)	556332.49	3776577.81	164.77471	(19120401)
556352.49	3776577.81	165.67174	(20012518)	556372.49	3776577.81	169.83105	(20012518)
556392.49	3776577.81	170.05468	(20012518)	556412.49	3776577.81	169.07746	(21101320)
556432.49	3776577.81	174.98045	(20012218)	556452.49	3776577.81	177.03713	(20012218)
556472.49	3776577.81	173.57425	(20012218)	556492.49	3776577.81	172.44943	(20090403)
556332.49	3776597.81	166.24007	(19120401)	556352.49	3776597.81	170.19012	(19120401)
556372.49	3776597.81	172.03006	(20012518)	556392.49	3776597.81	175.98708	(20012518)
556412.49	3776597.81	174.65056	(20012518)	556432.49	3776597.81	176.43847	(20012218)
556452.49	3776597.81	182.07083	(20012218)	556472.49	3776597.81	182.29073	(20012218)
556492.49	3776597.81	176.60680	(20012118)	556252.49	3776617.81	160.58776	(20022122)
556272.49	3776617.81	164.94392	(20022122)	556292.49	3776617.81	165.98362	(20022122)
556312.49	3776617.81	166.14387	(19111219)	556332.49	3776617.81	170.01603	(19101219)
556352.49	3776617.81	172.50519	(19120401)	556372.49	3776617.81	175.74952	(19120401)
556392.49	3776617.81	178.45682	(20012518)	556412.49	3776617.81	180.87157	(20012518)
556432.49	3776617.81	179.54937	(20012518)	556452.49	3776617.81	184.37826	(20012218)
556472.49	3776617.81	188.85271	(20012218)	556492.49	3776617.81	186.60846	(20012218)
556252.49	3776637.81	161.02101	(21092222)	556272.49	3776637.81	165.29284	(20022122)
556292.49	3776637.81	170.37507	(20022122)	556312.49	3776637.81	171.66560	(20022122)
556332.49	3776637.81	171.47679	(19111219)	556352.49	3776637.81	174.77235	(19101219)
556372.49	3776637.81	178.78328	(19120401)	556392.49	3776637.81	182.22071	(19120401)
556412.49	3776637.81	185.30034	(20012518)	556432.49	3776637.81	187.30143	(20012518)

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        556452.49   3776637.81      186.07541  (21101320)                556472.49
3776637.81      192.76776  (20012218)
        556492.49   3776637.81      194.98743  (20012218)                556252.49
3776657.81      162.36390  (19111818)
        556272.49   3776657.81      165.99659  (21092222)                556292.49
3776657.81      170.92066  (20022122)
        556312.49   3776657.81      177.02462  (20022122)                556332.49
3776657.81      176.82412  (20022122)
        556352.49   3776657.81      176.89869  (19111219)                556372.49
3776657.81      179.58049  (19101219)
        556392.49   3776657.81      186.39895  (19120401)                556412.49
3776657.81      188.94228  (19120401)
        556432.49   3776657.81      193.04654  (20012518)                556452.49
3776657.81      193.88336  (20012518)
        556472.49   3776657.81      194.60495  (20012218)                556492.49
3776657.81      200.95563  (20012218)
        556252.49   3776677.81      161.21702  (19111818)                556272.49
3776677.81      168.77537  (19111818)
        556292.49   3776677.81      172.89298  (21092222)                556312.49
3776677.81      178.19062  (20022122)
        556332.49   3776677.81      182.18083  (20022122)                556352.49
3776677.81      182.58293  (19111219)
        556372.49   3776677.81      182.97681  (19111219)                556392.49
3776677.81      187.54559  (19120401)
        556412.49   3776677.81      193.56610  (19120401)                556432.49
3776677.81      196.00390  (19120401)
        556452.49   3776677.81      201.01182  (20012518)                556472.49
3776677.81      200.23421  (20012518)
        556492.49   3776677.81      204.25459  (20012218)                556252.49
3776697.81      160.86680  (18030202)
        556272.49   3776697.81      167.57387  (19111818)                556372.49
3776697.81      189.51933  (19111219)
        556392.49   3776697.81      191.80219  (19101219)                556412.49
3776697.81      195.96897  (19120401)
        556432.49   3776697.81      202.32324  (19120401)                556452.49
3776697.81      205.26940  (20012518)
        556472.49   3776697.81      209.02498  (20012518)                556492.49
3776697.81      206.53684  (21101320)
↑ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000083    , L0000084
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, L0000085    , L0000086    , L0000087    ,
                L0000088    , L0000089    , L0000090    , L0000091    , L0000092
, L0000093    , L0000094    , L0000095    ,
                L0000096    , L0000097    , L0000098    , L0000099    , L0000100
, L0000101    , L0000102    , L0000103    ,
                L0000104    , L0000105    , L0000106    , L0000025    , L0000026
, L0000107    , L0000108    ,  . . .      ,

                                            *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556252.49   3776717.81      169.87910  (19122922)               556272.49
3776717.81      168.59187  (18030202)
        556372.49   3776717.81      195.82759  (20022122)               556392.49
3776717.81      198.74474  (19111219)
        556412.49   3776717.81      199.26277  (19101219)               556432.49
3776717.81      205.29749  (19120401)
        556452.49   3776717.81      211.35190  (19120401)               556472.49
3776717.81      213.41187  (20012518)
        556492.49   3776717.81      216.86611  (20012518)               556267.40
3776875.81      195.05119  (20121319)
        556239.03   3776853.02      186.79594  (20121319)               556178.76
3776751.21      154.67795  (21120705)
        556154.45   3776774.51      154.74511  (20121319)               556119.50
3776705.11      141.33119  (21120705)
        556146.51   3777267.93      102.61364  (18122217)               556151.00
3777234.88      104.51647  (20101318)
        556144.93   3777179.58      110.95303  (18021319)               556205.18
3777236.46      117.74999  (20101318)
        556218.00   3777200.04      131.54142  (21122405)               556772.00
3777345.97      446.71761  (21090724)
↟ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:55:36

                                  PAGE 123
 *** 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	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ONSITE	1ST HIGHEST VALUE IS	56.93555 AT	(556919.02, 3777194.93, 975.13, 975.13, 0.00)	DC	
	2ND HIGHEST VALUE IS	56.16601 AT	(556919.02, 3777174.93, 975.11, 975.11, 0.00)	DC	
	3RD HIGHEST VALUE IS	54.58496 AT	(556919.02, 3777214.93, 974.11, 974.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	49.99695 AT	(556919.02, 3777234.93, 974.22, 974.22, 0.00)	DC	
	5TH HIGHEST VALUE IS	41.90384 AT	(556919.02, 3777254.93, 973.97, 974.65, 0.00)	DC	
	6TH HIGHEST VALUE IS	36.18680 AT	(556939.02, 3777194.93, 975.02, 975.02, 0.00)	DC	
	7TH HIGHEST VALUE IS	36.04317 AT	(556939.02, 3777174.93, 975.07, 975.07, 0.00)	DC	
	8TH HIGHEST VALUE IS	34.81570 AT	(556939.02, 3777214.93, 974.76, 974.76, 0.00)	DC	
	9TH HIGHEST VALUE IS	32.16570 AT	(556939.02, 3777234.93, 974.60, 974.60, 0.00)	DC	
	10TH HIGHEST VALUE IS	28.90447 AT	(556852.35, 3777049.14, 979.74, 979.74, 0.00)	DC	
OFFSITE	1ST HIGHEST VALUE IS	173.24652 AT	(556919.02, 3777254.93, 973.97, 974.65, 0.00)	DC	
	2ND HIGHEST VALUE IS	129.39760 AT	(556939.02, 3777254.93, 974.28, 974.28, 0.00)	DC	
	3RD HIGHEST VALUE IS	103.81638 AT	(556919.02, 3777234.93, 974.22, 974.22, 0.00)	DC	
	4TH HIGHEST VALUE IS	84.75385 AT	(556939.02, 3777234.93, 974.60, 974.60, 0.00)	DC	
	5TH HIGHEST VALUE IS	68.93671 AT	(556919.02, 3777214.93, 974.11, 974.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	60.38770 AT	(556939.02, 3777214.93, 974.76, 974.76, 0.00)	DC	
	7TH HIGHEST VALUE IS	53.51648 AT	(556905.58, 3777351.19, 972.50, 972.50, 0.00)	DC	
	8TH HIGHEST VALUE IS	50.64300 AT	(556920.93, 3777350.82, 971.99, 971.99, 0.00)	DC	
	9TH HIGHEST VALUE IS	47.89141 AT	(556919.02, 3777194.93, 975.13, 975.13, 0.00)	DC	

```
        10TH HIGHEST VALUE IS      45.05075 AT (  556939.02,  3777194.93,   975.02,
  975.02,    0.00)  DC

IDLE     1ST HIGHEST VALUE IS      75.48222 AT (  556919.02,  3777194.93,   975.13,
  975.13,    0.00)  DC
         2ND HIGHEST VALUE IS      71.14756 AT (  556919.02,  3777214.93,   974.11,
  974.83,    0.00)  DC
         3RD HIGHEST VALUE IS      68.87098 AT (  556919.02,  3777174.93,   975.11,
  975.11,    0.00)  DC
         4TH HIGHEST VALUE IS      60.72029 AT (  556919.02,  3777234.93,   974.22,
  974.22,    0.00)  DC
         5TH HIGHEST VALUE IS      47.97612 AT (  556939.02,  3777194.93,   975.02,
  975.02,    0.00)  DC
         6TH HIGHEST VALUE IS      47.94501 AT (  556919.02,  3777254.93,   973.97,
  974.65,    0.00)  DC
         7TH HIGHEST VALUE IS      46.48033 AT (  556939.02,  3777214.93,   974.76,
  974.76,    0.00)  DC
         8TH HIGHEST VALUE IS      45.23921 AT (  556939.02,  3777174.93,   975.07,
  975.07,    0.00)  DC
         9TH HIGHEST VALUE IS      41.71519 AT (  556939.02,  3777234.93,   974.60,
  974.60,    0.00)  DC
        10TH HIGHEST VALUE IS      35.34986 AT (  556939.02,  3777254.93,   974.28,
  974.28,    0.00)  DC

ALL      1ST HIGHEST VALUE IS     263.09537 AT (  556919.02,  3777254.93,   973.97,
  974.65,    0.00)  DC
         2ND HIGHEST VALUE IS     214.53362 AT (  556919.02,  3777234.93,   974.22,
  974.22,    0.00)  DC
         3RD HIGHEST VALUE IS     194.66923 AT (  556919.02,  3777214.93,   974.11,
  974.83,    0.00)  DC
         4TH HIGHEST VALUE IS     192.98685 AT (  556939.02,  3777254.93,   974.28,
  974.28,    0.00)  DC
         5TH HIGHEST VALUE IS     180.30918 AT (  556919.02,  3777194.93,   975.13,
  975.13,    0.00)  DC
         6TH HIGHEST VALUE IS     160.27899 AT (  556919.02,  3777174.93,   975.11,
  975.11,    0.00)  DC
         7TH HIGHEST VALUE IS     158.63473 AT (  556939.02,  3777234.93,   974.60,
  974.60,    0.00)  DC
         8TH HIGHEST VALUE IS     141.68372 AT (  556939.02,  3777214.93,   974.76,
  974.76,    0.00)  DC
         9TH HIGHEST VALUE IS     129.21368 AT (  556939.02,  3777194.93,   975.02,
  975.02,    0.00)  DC
        10TH HIGHEST VALUE IS     115.97072 AT (  556939.02,  3777174.93,   975.07,
  975.07,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ONSITE	HIGH	1ST HIGH VALUE IS	346.67181	ON 21120716: AT (556919.02, 3777254.93, 973.97, 974.65, 0.00)	DC	
OFFSITE	HIGH	1ST HIGH VALUE IS	616.55769	ON 20120316: AT (556919.02, 3777254.93, 973.97, 974.65, 0.00)	DC	
IDLE	HIGH	1ST HIGH VALUE IS	591.33366	ON 21120716: AT (556919.02, 3777234.93, 974.22, 974.22, 0.00)	DC	
ALL	HIGH	1ST HIGH VALUE IS	971.66384	ON 21120716: AT (556919.02, 3777254.93, 973.97, 974.65, 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            4 Warning Message(s)
 A Total of         2103 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          918 Calm Hours Identified

 A Total of         1185 Missing Hours Identified (  2.70 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***

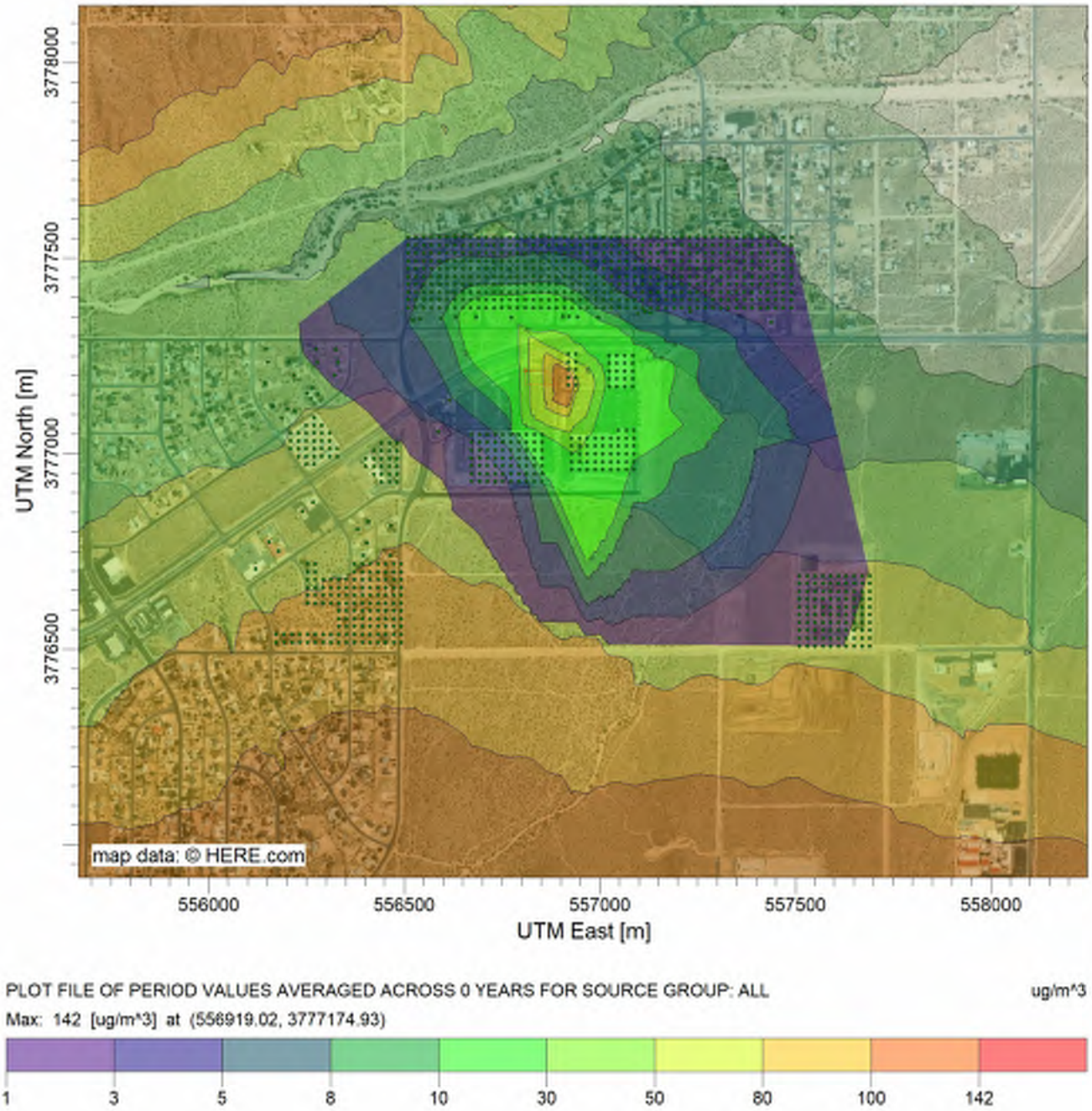

    ********   WARNING MESSAGES   ********
 ME W186     272       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     272       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   35065       CHKDAT: Record Out of Sequence in Meteorological File at:
 23010101
 MX W450   35065       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

PROJECT TITLE:

Fueling Station - Unitized Emissions



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL

ug/m^3

Max: 142 [ug/m^3] at (556919.02, 3777174.93)

COMMENTS:	SOURCES: **1**		
	RECEPTORS: **980**		
	OUTPUT TYPE: **Concentration**	SCALE: 1:16,226 0 0.5 km	
	MAX: **142 ug/m^3**		PROJECT NO.:

```
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Yucca_Walmart_Fuel_Ops_area_PS.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\kpsp_sfc_pfl\KPSP_V11_trimmed.sfc
   PROFFILE ..\kpsp_sfc_pfl\KPSP_V11_trimmed.pfl
   SURFDATA 93138 2018 33.63 -116.16
   UAIRDATA 3190 2018
   PROFBASE 125.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST YUCCA_WALMART_FUEL_OPS_AREA_PS.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL YUCCA_WALMART_FUEL_OPS_AREA_PS.AD\PE00GALL.PLT 32
   SUMMFILE Yucca_Walmart_Fuel_Ops_area_PS.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      70       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187      70       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:32:11

                                  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 =   2035210.0 ;  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     980
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) =   125.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Yucca_Walmart_Fuel_Ops_area_PS.err

 **File for Summary of Results:   Yucca_Walmart_Fuel_Ops_area_PS.sum

*** AERMOD - VERSION 23132  ***   ***
```

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	RELEASE OF VERTS.	INIT. SZ BY	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
PAREA1	0	0.42203E-03	556810.1	3777212.2	976.1	1.30	12	0.00	YES	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES

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

     (556521.7, 3777341.6,   974.8,   974.8,   0.0);   (556539.9,
3777344.9,   974.6,   974.6,   0.0);
     (556591.8, 3777345.4,   974.7,   974.7,   0.0);   (556630.6,
3777349.7,   974.5,   974.5,   0.0);
     (556684.3, 3777349.4,   974.0,   974.0,   0.0);   (556905.6,
3777351.2,   972.5,   972.5,   0.0);
     (556920.9, 3777350.8,   972.0,   972.0,   0.0);   (556942.9,
3777350.1,   971.7,   971.7,   0.0);
     (556996.3, 3777348.3,   971.4,   971.4,   0.0);   (557096.8,
3777357.8,   968.8,   968.8,   0.0);
     (557115.8, 3777363.6,   968.3,   968.3,   0.0);   (557129.4,
3777361.4,   967.9,   967.9,   0.0);
     (557230.7, 3777364.0,   966.6,   966.6,   0.0);   (556466.2,
3776816.1,   988.3,   988.3,   0.0);
     (556407.9, 3776826.2,   987.6,   987.6,   0.0);   (556381.1,
3776807.1,   987.6,   987.6,   0.0);
     (556404.3, 3776771.5,   988.7,   988.7,   0.0);   (556465.2,
3776739.5,   990.3,   990.3,   0.0);
     (556396.1, 3776739.9,   989.3,   989.3,   0.0);   (556324.0,
3777265.4,   977.0,   977.0,   0.0);
     (556330.6, 3777234.0,   977.5,   977.5,   0.0);   (556321.1,
3777200.4,   978.2,   978.2,   0.0);
     (556275.1, 3777267.8,   976.2,   976.2,   0.0);   (556278.3,
3777233.5,   977.0,   977.0,   0.0);
     (556509.4, 3777373.4,   974.1,   974.1,   0.0);   (556529.4,
3777373.4,   973.9,   973.9,   0.0);
     (556549.4, 3777373.4,   973.9,   973.9,   0.0);   (556569.4,
3777373.4,   973.7,   973.7,   0.0);
     (556589.4, 3777373.4,   973.8,   973.8,   0.0);   (556609.4,
3777373.4,   973.7,   973.7,   0.0);

```
     ( 556629.4, 3777373.4,     973.7,     973.7,       0.0);         ( 556649.4,
3777373.4,     973.5,     973.5,       0.0);
     ( 556669.4, 3777373.4,     973.5,     973.5,       0.0);         ( 556689.4,
3777373.4,     973.7,     973.7,       0.0);
     ( 556709.4, 3777373.4,     973.8,     973.8,       0.0);         ( 556729.4,
3777373.4,     973.8,     973.8,       0.0);
     ( 556749.4, 3777373.4,     973.9,     973.9,       0.0);         ( 556769.4,
3777373.4,     973.6,     973.6,       0.0);
     ( 556789.4, 3777373.4,     973.3,     973.3,       0.0);         ( 556809.4,
3777373.4,     973.3,     973.3,       0.0);
     ( 556829.4, 3777373.4,     973.1,     973.1,       0.0);         ( 556849.4,
3777373.4,     972.8,     972.8,       0.0);
     ( 556869.4, 3777373.4,     972.6,     972.6,       0.0);         ( 556889.4,
3777373.4,     972.2,     972.2,       0.0);
     ( 556909.4, 3777373.4,     971.8,     971.8,       0.0);         ( 556929.4,
3777373.4,     971.3,     971.3,       0.0);
     ( 556949.4, 3777373.4,     971.0,     971.0,       0.0);         ( 556969.4,
3777373.4,     970.9,     970.9,       0.0);
     ( 556989.4, 3777373.4,     970.6,     970.6,       0.0);         ( 557009.4,
3777373.4,     970.3,     970.3,       0.0);
     ( 557029.4, 3777373.4,     970.2,     970.2,       0.0);         ( 557049.4,
3777373.4,     969.8,     969.8,       0.0);
     ( 557069.4, 3777373.4,     969.2,     969.2,       0.0);         ( 557089.4,
3777373.4,     968.7,     968.7,       0.0);
     ( 557109.4, 3777373.4,     968.2,     968.2,       0.0);         ( 557129.4,
3777373.4,     967.7,     967.7,       0.0);
     ( 557149.4, 3777373.4,     967.3,     967.3,       0.0);         ( 557169.4,
3777373.4,     967.0,     967.0,       0.0);
     ( 557189.4, 3777373.4,     966.9,     966.9,       0.0);         ( 557209.4,
3777373.4,     966.8,     966.8,       0.0);
     ( 557229.4, 3777373.4,     966.5,     966.5,       0.0);         ( 557249.4,
3777373.4,     966.1,     966.1,       0.0);
     ( 557269.4, 3777373.4,     965.7,     965.7,       0.0);         ( 557289.4,
3777373.4,     965.5,     965.5,       0.0);
     ( 557309.4, 3777373.4,     965.4,     965.4,       0.0);         ( 557329.4,
3777373.4,     964.8,     964.8,       0.0);
     ( 557349.4, 3777373.4,     964.8,     964.8,       0.0);         ( 557369.4,
3777373.4,     964.5,     964.5,       0.0);
     ( 557389.4, 3777373.4,     964.1,     964.1,       0.0);         ( 557409.4,
3777373.4,     963.8,     963.8,       0.0);
     ( 557429.4, 3777373.4,     963.2,     963.2,       0.0);         ( 557449.4,
3777373.4,     962.9,     962.9,       0.0);
     ( 557469.4, 3777373.4,     962.4,     962.4,       0.0);         ( 557489.4,
3777373.4,     961.3,     961.3,       0.0);
     ( 556509.4, 3777393.4,     973.6,     973.6,       0.0);         ( 556529.4,
3777393.4,     973.4,     973.4,       0.0);
     ( 556549.4, 3777393.4,     973.3,     973.3,       0.0);         ( 556569.4,
3777393.4,     973.1,     973.1,       0.0);
     ( 556589.4, 3777393.4,     973.3,     973.3,       0.0);         ( 556609.4,
3777393.4,     973.3,     973.3,       0.0);
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(556629.4, 3777393.4, 973.4, 973.4, 0.0); (556649.4, 3777393.4, 973.2, 973.2, 0.0);
(556669.4, 3777393.4, 973.0, 973.0, 0.0); (556689.4, 3777393.4, 973.0, 973.0, 0.0);
(556709.4, 3777393.4, 973.3, 973.3, 0.0); (556729.4, 3777393.4, 973.3, 973.3, 0.0);
(556749.4, 3777393.4, 973.5, 973.5, 0.0); (556769.4, 3777393.4, 973.3, 973.3, 0.0);
(556789.4, 3777393.4, 972.9, 972.9, 0.0); (556809.4, 3777393.4, 972.8, 972.8, 0.0);

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

(556829.4, 3777393.4, 972.6, 972.6, 0.0); (556849.4, 3777393.4, 972.0, 972.0, 0.0);
(556869.4, 3777393.4, 971.7, 971.7, 0.0); (556889.4, 3777393.4, 971.7, 971.7, 0.0);
(556909.4, 3777393.4, 971.2, 971.2, 0.0); (556929.4, 3777393.4, 971.0, 971.0, 0.0);
(556949.4, 3777393.4, 970.4, 970.4, 0.0); (556969.4, 3777393.4, 970.3, 970.3, 0.0);
(556989.4, 3777393.4, 970.2, 970.2, 0.0); (557009.4, 3777393.4, 970.1, 970.1, 0.0);
(557029.4, 3777393.4, 969.7, 969.7, 0.0); (557049.4, 3777393.4, 969.4, 969.4, 0.0);
(557069.4, 3777393.4, 969.0, 969.0, 0.0); (557089.4, 3777393.4, 968.6, 968.6, 0.0);
(557109.4, 3777393.4, 968.2, 968.2, 0.0); (557129.4, 3777393.4, 967.5, 967.5, 0.0);
(557149.4, 3777393.4, 967.2, 967.2, 0.0); (557169.4, 3777393.4, 966.6, 966.6, 0.0);
(557189.4, 3777393.4, 966.2, 966.2, 0.0); (557209.4, 3777393.4, 966.2, 966.2, 0.0);
(557229.4, 3777393.4, 966.2, 966.2, 0.0); (557249.4, 3777393.4, 965.8, 965.8, 0.0);
(557269.4, 3777393.4, 965.5, 965.5, 0.0); (557289.4, 3777393.4, 965.1, 965.1, 0.0);
(557309.4, 3777393.4, 964.4, 964.4, 0.0); (557329.4, 3777393.4, 964.5, 964.5, 0.0);
(557349.4, 3777393.4, 964.2, 964.2, 0.0); (557369.4,

3777393.4,   964.1,   964.1,   0.0);
     (557389.4, 3777393.4,   963.9,   963.9,   0.0);   (557409.4,
3777393.4,   963.4,   963.4,   0.0);
     (557429.4, 3777393.4,   963.0,   963.0,   0.0);   (557449.4,
3777393.4,   962.8,   962.8,   0.0);
     (557469.4, 3777393.4,   962.1,   962.1,   0.0);   (557489.4,
3777393.4,   961.1,   961.1,   0.0);
     (556509.4, 3777413.4,   973.0,   973.0,   0.0);   (556529.4,
3777413.4,   973.0,   973.0,   0.0);
     (556549.4, 3777413.4,   973.0,   973.0,   0.0);   (556569.4,
3777413.4,   973.1,   973.1,   0.0);
     (556589.4, 3777413.4,   973.1,   973.1,   0.0);   (556609.4,
3777413.4,   973.1,   973.1,   0.0);
     (556629.4, 3777413.4,   973.1,   973.1,   0.0);   (556649.4,
3777413.4,   972.8,   972.8,   0.0);
     (556669.4, 3777413.4,   972.8,   972.8,   0.0);   (556689.4,
3777413.4,   972.8,   972.8,   0.0);
     (556709.4, 3777413.4,   973.0,   973.0,   0.0);   (556729.4,
3777413.4,   973.0,   973.0,   0.0);
     (556749.4, 3777413.4,   972.8,   972.8,   0.0);   (556769.4,
3777413.4,   973.0,   973.0,   0.0);
     (556789.4, 3777413.4,   972.6,   972.6,   0.0);   (556809.4,
3777413.4,   972.5,   972.5,   0.0);
     (556829.4, 3777413.4,   972.1,   972.1,   0.0);   (556849.4,
3777413.4,   971.6,   971.6,   0.0);
     (556869.4, 3777413.4,   971.6,   971.6,   0.0);   (556889.4,
3777413.4,   971.2,   971.2,   0.0);
     (556909.4, 3777413.4,   970.9,   970.9,   0.0);   (556929.4,
3777413.4,   970.9,   970.9,   0.0);
     (556949.4, 3777413.4,   970.1,   970.1,   0.0);   (556969.4,
3777413.4,   969.8,   969.8,   0.0);
     (556989.4, 3777413.4,   969.5,   969.5,   0.0);   (557009.4,
3777413.4,   969.5,   969.5,   0.0);
     (557029.4, 3777413.4,   969.2,   969.2,   0.0);   (557049.4,
3777413.4,   969.0,   969.0,   0.0);
     (557069.4, 3777413.4,   968.7,   968.7,   0.0);   (557089.4,
3777413.4,   968.3,   968.3,   0.0);
     (557109.4, 3777413.4,   968.1,   968.1,   0.0);   (557129.4,
3777413.4,   967.2,   967.2,   0.0);
     (557149.4, 3777413.4,   967.1,   967.1,   0.0);   (557169.4,
3777413.4,   966.4,   966.4,   0.0);
     (557189.4, 3777413.4,   966.1,   966.1,   0.0);   (557209.4,
3777413.4,   966.0,   966.0,   0.0);
     (557229.4, 3777413.4,   965.6,   965.6,   0.0);   (557249.4,
3777413.4,   965.3,   965.3,   0.0);
     (557269.4, 3777413.4,   965.1,   965.1,   0.0);   (557289.4,
3777413.4,   964.8,   964.8,   0.0);
     (557309.4, 3777413.4,   964.5,   964.5,   0.0);   (557329.4,
3777413.4,   964.0,   964.0,   0.0);
     (557349.4, 3777413.4,   964.0,   964.0,   0.0);   (557369.4,

3777413.4,   963.5,   963.5,   0.0);
     (557389.4, 3777413.4,   963.4,   963.4,   0.0);   (557409.4,
3777413.4,   963.3,   963.3,   0.0);
     (557429.4, 3777413.4,   962.5,   962.5,   0.0);   (557449.4,
3777413.4,   962.2,   962.2,   0.0);
     (557469.4, 3777413.4,   962.1,   962.1,   0.0);   (557489.4,
3777413.4,   961.3,   961.3,   0.0);
     (556509.4, 3777433.4,   972.6,   972.6,   0.0);   (556529.4,
3777433.4,   972.6,   972.6,   0.0);
     (556549.4, 3777433.4,   972.5,   972.5,   0.0);   (556569.4,
3777433.4,   972.5,   972.5,   0.0);
     (556589.4, 3777433.4,   972.7,   972.7,   0.0);   (556609.4,
3777433.4,   972.8,   972.8,   0.0);

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

     (556629.4, 3777433.4,   972.8,   972.8,   0.0);   (556649.4,
3777433.4,   972.7,   972.7,   0.0);
     (556669.4, 3777433.4,   972.6,   972.6,   0.0);   (556689.4,
3777433.4,   972.8,   972.8,   0.0);
     (556709.4, 3777433.4,   972.8,   972.8,   0.0);   (556729.4,
3777433.4,   972.9,   972.9,   0.0);
     (556749.4, 3777433.4,   972.6,   972.6,   0.0);   (556769.4,
3777433.4,   972.8,   972.8,   0.0);
     (556789.4, 3777433.4,   972.4,   972.4,   0.0);   (556809.4,
3777433.4,   972.0,   972.0,   0.0);
     (556829.4, 3777433.4,   971.6,   971.6,   0.0);   (556849.4,
3777433.4,   971.0,   971.0,   0.0);
     (556869.4, 3777433.4,   970.9,   970.9,   0.0);   (556889.4,
3777433.4,   970.7,   970.7,   0.0);
     (556909.4, 3777433.4,   970.5,   970.5,   0.0);   (556929.4,
3777433.4,   970.2,   970.2,   0.0);
     (556949.4, 3777433.4,   969.9,   969.9,   0.0);   (556969.4,
3777433.4,   969.3,   969.3,   0.0);
     (556989.4, 3777433.4,   968.9,   968.9,   0.0);   (557009.4,
3777433.4,   969.1,   969.1,   0.0);
     (557029.4, 3777433.4,   968.9,   968.9,   0.0);   (557049.4,
3777433.4,   968.8,   968.8,   0.0);
     (557069.4, 3777433.4,   968.4,   968.4,   0.0);   (557089.4,
3777433.4,   968.0,   968.0,   0.0);

```
     ( 557109.4, 3777433.4,     967.8,     967.8,       0.0);         ( 557129.4,
3777433.4,     967.1,     967.1,       0.0);
     ( 557149.4, 3777433.4,     966.8,     966.8,       0.0);         ( 557169.4,
3777433.4,     966.1,     966.1,       0.0);
     ( 557189.4, 3777433.4,     965.8,     965.8,       0.0);         ( 557209.4,
3777433.4,     965.6,     965.6,       0.0);
     ( 557229.4, 3777433.4,     965.0,     965.0,       0.0);         ( 557249.4,
3777433.4,     965.0,     965.0,       0.0);
     ( 557269.4, 3777433.4,     964.7,     964.7,       0.0);         ( 557289.4,
3777433.4,     964.2,     964.2,       0.0);
     ( 557309.4, 3777433.4,     964.3,     964.3,       0.0);         ( 557329.4,
3777433.4,     963.7,     963.7,       0.0);
     ( 557349.4, 3777433.4,     962.9,     962.9,       0.0);         ( 557369.4,
3777433.4,     962.7,     962.7,       0.0);
     ( 557389.4, 3777433.4,     963.2,     963.2,       0.0);         ( 557409.4,
3777433.4,     963.2,     963.2,       0.0);
     ( 557429.4, 3777433.4,     962.2,     962.2,       0.0);         ( 557449.4,
3777433.4,     961.9,     961.9,       0.0);
     ( 557469.4, 3777433.4,     961.5,     961.5,       0.0);         ( 557489.4,
3777433.4,     961.1,     961.1,       0.0);
     ( 556509.4, 3777453.4,     972.2,     972.2,       0.0);         ( 556529.4,
3777453.4,     972.2,     972.2,       0.0);
     ( 556549.4, 3777453.4,     972.3,     972.3,       0.0);         ( 556569.4,
3777453.4,     972.2,     972.2,       0.0);
     ( 556589.4, 3777453.4,     972.3,     972.3,       0.0);         ( 556609.4,
3777453.4,     972.3,     972.3,       0.0);
     ( 556629.4, 3777453.4,     972.5,     972.5,       0.0);         ( 556649.4,
3777453.4,     972.5,     972.5,       0.0);
     ( 556669.4, 3777453.4,     972.4,     972.4,       0.0);         ( 556689.4,
3777453.4,     972.4,     972.4,       0.0);
     ( 556709.4, 3777453.4,     972.4,     972.4,       0.0);         ( 556729.4,
3777453.4,     972.6,     972.6,       0.0);
     ( 556749.4, 3777453.4,     972.6,     972.6,       0.0);         ( 556769.4,
3777453.4,     972.4,     972.4,       0.0);
     ( 556789.4, 3777453.4,     972.0,     972.0,       0.0);         ( 556809.4,
3777453.4,     971.6,     971.6,       0.0);
     ( 556829.4, 3777453.4,     971.4,     971.4,       0.0);         ( 556849.4,
3777453.4,     970.9,     970.9,       0.0);
     ( 556869.4, 3777453.4,     970.8,     970.8,       0.0);         ( 556889.4,
3777453.4,     970.2,     970.2,       0.0);
     ( 556909.4, 3777453.4,     970.1,     970.1,       0.0);         ( 556929.4,
3777453.4,     969.5,     969.5,       0.0);
     ( 556949.4, 3777453.4,     969.3,     969.3,       0.0);         ( 556969.4,
3777453.4,     968.9,     968.9,       0.0);
     ( 556989.4, 3777453.4,     968.5,     968.5,       0.0);         ( 557009.4,
3777453.4,     968.1,     968.1,       0.0);
     ( 557029.4, 3777453.4,     968.0,     968.0,       0.0);         ( 557049.4,
3777453.4,     967.9,     967.9,       0.0);
     ( 557069.4, 3777453.4,     967.9,     967.9,       0.0);         ( 557089.4,
3777453.4,     967.7,     967.7,       0.0);
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(557109.4, 3777453.4, 967.5, 967.5, 0.0); (557129.4, 3777453.4, 967.0, 967.0, 0.0);
(557149.4, 3777453.4, 966.7, 966.7, 0.0); (557169.4, 3777453.4, 965.8, 965.8, 0.0);
(557189.4, 3777453.4, 965.4, 965.4, 0.0); (557209.4, 3777453.4, 965.3, 965.3, 0.0);
(557229.4, 3777453.4, 964.7, 964.7, 0.0); (557249.4, 3777453.4, 964.7, 964.7, 0.0);
(557269.4, 3777453.4, 964.3, 964.3, 0.0); (557289.4, 3777453.4, 963.9, 963.9, 0.0);
(557309.4, 3777453.4, 963.8, 963.8, 0.0); (557329.4, 3777453.4, 963.5, 963.5, 0.0);
(557349.4, 3777453.4, 963.2, 963.2, 0.0); (557369.4, 3777453.4, 962.4, 962.4, 0.0);
(557389.4, 3777453.4, 962.3, 962.9, 0.0); (557409.4, 3777453.4, 962.6, 962.6, 0.0);

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

(557429.4, 3777453.4, 962.3, 962.3, 0.0); (557449.4, 3777453.4, 961.9, 961.9, 0.0);
(557469.4, 3777453.4, 961.4, 961.4, 0.0); (557489.4, 3777453.4, 960.7, 960.7, 0.0);
(556509.4, 3777473.4, 971.8, 971.8, 0.0); (556529.4, 3777473.4, 971.6, 971.6, 0.0);
(556549.4, 3777473.4, 971.6, 971.6, 0.0); (556569.4, 3777473.4, 971.9, 971.9, 0.0);
(556589.4, 3777473.4, 971.8, 971.8, 0.0); (556609.4, 3777473.4, 971.8, 971.8, 0.0);
(556629.4, 3777473.4, 971.9, 971.9, 0.0); (556649.4, 3777473.4, 972.0, 972.0, 0.0);
(556669.4, 3777473.4, 972.0, 972.0, 0.0); (556689.4, 3777473.4, 971.9, 971.9, 0.0);
(556709.4, 3777473.4, 972.0, 972.0, 0.0); (556729.4, 3777473.4, 972.3, 972.3, 0.0);
(556749.4, 3777473.4, 972.1, 972.1, 0.0); (556769.4, 3777473.4, 972.0, 972.0, 0.0);
(556789.4, 3777473.4, 971.5, 971.5, 0.0); (556809.4, 3777473.4, 971.2, 971.2, 0.0);
(556829.4, 3777473.4, 970.9, 970.9, 0.0); (556849.4,

3777473.4,   970.7,   970.7,   0.0);
     (556869.4, 3777473.4,   970.5,   970.5,   0.0);   (556889.4,
3777473.4,   969.8,   969.8,   0.0);
     (556909.4, 3777473.4,   969.7,   969.7,   0.0);   (556929.4,
3777473.4,   969.4,   969.4,   0.0);
     (556949.4, 3777473.4,   969.1,   969.1,   0.0);   (556969.4,
3777473.4,   968.7,   968.7,   0.0);
     (556989.4, 3777473.4,   968.3,   968.3,   0.0);   (557009.4,
3777473.4,   968.0,   968.0,   0.0);
     (557029.4, 3777473.4,   967.8,   967.8,   0.0);   (557049.4,
3777473.4,   967.5,   967.5,   0.0);
     (557069.4, 3777473.4,   967.6,   967.6,   0.0);   (557089.4,
3777473.4,   967.3,   967.3,   0.0);
     (557109.4, 3777473.4,   967.2,   967.2,   0.0);   (557129.4,
3777473.4,   966.6,   966.6,   0.0);
     (557149.4, 3777473.4,   966.5,   966.5,   0.0);   (557169.4,
3777473.4,   965.6,   965.6,   0.0);
     (557189.4, 3777473.4,   965.2,   965.2,   0.0);   (557209.4,
3777473.4,   964.9,   964.9,   0.0);
     (557229.4, 3777473.4,   964.4,   964.4,   0.0);   (557249.4,
3777473.4,   964.4,   964.4,   0.0);
     (557269.4, 3777473.4,   963.9,   963.9,   0.0);   (557289.4,
3777473.4,   963.5,   963.5,   0.0);
     (557309.4, 3777473.4,   963.4,   963.4,   0.0);   (557329.4,
3777473.4,   963.2,   963.2,   0.0);
     (557349.4, 3777473.4,   962.9,   962.9,   0.0);   (557369.4,
3777473.4,   962.6,   962.6,   0.0);
     (557389.4, 3777473.4,   962.1,   962.1,   0.0);   (557409.4,
3777473.4,   962.1,   962.1,   0.0);
     (557429.4, 3777473.4,   961.6,   961.6,   0.0);   (557449.4,
3777473.4,   961.8,   961.8,   0.0);
     (557469.4, 3777473.4,   961.3,   961.3,   0.0);   (557489.4,
3777473.4,   960.7,   960.7,   0.0);
     (556509.4, 3777493.4,   971.4,   971.4,   0.0);   (556529.4,
3777493.4,   971.5,   971.5,   0.0);
     (556549.4, 3777493.4,   971.5,   971.5,   0.0);   (556569.4,
3777493.4,   971.1,   971.1,   0.0);
     (556589.4, 3777493.4,   971.1,   971.1,   0.0);   (556609.4,
3777493.4,   971.3,   971.3,   0.0);
     (556629.4, 3777493.4,   971.2,   971.2,   0.0);   (556649.4,
3777493.4,   971.3,   971.3,   0.0);
     (556669.4, 3777493.4,   971.6,   971.6,   0.0);   (556689.4,
3777493.4,   971.6,   971.6,   0.0);
     (556709.4, 3777493.4,   971.7,   971.7,   0.0);   (556729.4,
3777493.4,   972.1,   972.1,   0.0);
     (556749.4, 3777493.4,   971.7,   971.7,   0.0);   (556769.4,
3777493.4,   971.6,   971.6,   0.0);
     (556789.4, 3777493.4,   971.1,   971.1,   0.0);   (556809.4,
3777493.4,   970.6,   970.6,   0.0);
     (556829.4, 3777493.4,   970.5,   970.5,   0.0);   (556849.4,

3777493.4,   970.2,   970.2,   0.0);
     (556869.4, 3777493.4,   970.1,   970.1,   0.0);   (556889.4,
3777493.4,   969.6,   969.6,   0.0);
     (556909.4, 3777493.4,   969.4,   969.4,   0.0);   (556929.4,
3777493.4,   969.0,   969.0,   0.0);
     (556949.4, 3777493.4,   968.7,   968.7,   0.0);   (556969.4,
3777493.4,   968.2,   968.2,   0.0);
     (556989.4, 3777493.4,   968.0,   968.0,   0.0);   (557009.4,
3777493.4,   967.9,   967.9,   0.0);
     (557029.4, 3777493.4,   967.5,   967.5,   0.0);   (557049.4,
3777493.4,   967.2,   967.2,   0.0);
     (557069.4, 3777493.4,   967.1,   967.1,   0.0);   (557089.4,
3777493.4,   966.8,   966.8,   0.0);
     (557109.4, 3777493.4,   966.9,   966.9,   0.0);   (557129.4,
3777493.4,   966.5,   966.5,   0.0);
     (557149.4, 3777493.4,   966.2,   966.2,   0.0);   (557169.4,
3777493.4,   965.6,   965.6,   0.0);
     (557189.4, 3777493.4,   964.9,   964.9,   0.0);   (557209.4,
3777493.4,   964.7,   964.7,   0.0);

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

     (557229.4, 3777493.4,   964.1,   964.1,   0.0);   (557249.4,
3777493.4,   963.8,   963.8,   0.0);
     (557269.4, 3777493.4,   963.5,   963.5,   0.0);   (557289.4,
3777493.4,   963.2,   963.2,   0.0);
     (557309.4, 3777493.4,   962.8,   962.8,   0.0);   (557329.4,
3777493.4,   962.6,   962.6,   0.0);
     (557349.4, 3777493.4,   962.4,   962.4,   0.0);   (557369.4,
3777493.4,   962.2,   962.2,   0.0);
     (557389.4, 3777493.4,   962.1,   962.1,   0.0);   (557409.4,
3777493.4,   961.9,   961.9,   0.0);
     (557429.4, 3777493.4,   961.0,   961.0,   0.0);   (557449.4,
3777493.4,   960.9,   961.3,   0.0);
     (557469.4, 3777493.4,   961.0,   961.0,   0.0);   (557489.4,
3777493.4,   960.6,   960.6,   0.0);
     (556509.4, 3777513.4,   971.0,   971.0,   0.0);   (556529.4,
3777513.4,   971.0,   971.0,   0.0);
     (556549.4, 3777513.4,   970.8,   970.8,   0.0);   (556569.4,
3777513.4,   971.2,   971.2,   0.0);

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     ( 556589.4, 3777513.4,     971.1,     971.1,       0.0);         ( 556609.4,
3777513.4,     970.9,     970.9,       0.0);
     ( 556629.4, 3777513.4,     971.2,     971.2,       0.0);         ( 556649.4,
3777513.4,     971.3,     971.3,       0.0);
     ( 556669.4, 3777513.4,     971.4,     971.4,       0.0);         ( 556689.4,
3777513.4,     971.2,     971.2,       0.0);
     ( 556709.4, 3777513.4,     971.4,     971.4,       0.0);         ( 556729.4,
3777513.4,     971.9,     971.9,       0.0);
     ( 556749.4, 3777513.4,     971.5,     971.5,       0.0);         ( 556769.4,
3777513.4,     971.5,     971.5,       0.0);
     ( 556789.4, 3777513.4,     971.0,     971.0,       0.0);         ( 556809.4,
3777513.4,     970.2,     970.2,       0.0);
     ( 556829.4, 3777513.4,     970.0,     970.0,       0.0);         ( 556849.4,
3777513.4,     969.6,     969.6,       0.0);
     ( 556869.4, 3777513.4,     969.5,     969.5,       0.0);         ( 556889.4,
3777513.4,     969.3,     969.3,       0.0);
     ( 556909.4, 3777513.4,     968.8,     968.8,       0.0);         ( 556929.4,
3777513.4,     968.6,     968.6,       0.0);
     ( 556949.4, 3777513.4,     968.4,     968.4,       0.0);         ( 556969.4,
3777513.4,     967.9,     967.9,       0.0);
     ( 556989.4, 3777513.4,     967.6,     967.6,       0.0);         ( 557009.4,
3777513.4,     967.5,     967.5,       0.0);
     ( 557029.4, 3777513.4,     967.1,     967.1,       0.0);         ( 557049.4,
3777513.4,     967.0,     967.0,       0.0);
     ( 557069.4, 3777513.4,     966.6,     966.6,       0.0);         ( 557089.4,
3777513.4,     966.4,     966.4,       0.0);
     ( 557109.4, 3777513.4,     966.3,     966.3,       0.0);         ( 557129.4,
3777513.4,     966.1,     966.1,       0.0);
     ( 557149.4, 3777513.4,     966.0,     966.0,       0.0);         ( 557169.4,
3777513.4,     965.5,     965.5,       0.0);
     ( 557189.4, 3777513.4,     964.8,     964.8,       0.0);         ( 557209.4,
3777513.4,     964.6,     964.6,       0.0);
     ( 557229.4, 3777513.4,     963.9,     963.9,       0.0);         ( 557249.4,
3777513.4,     963.7,     963.7,       0.0);
     ( 557269.4, 3777513.4,     963.3,     963.3,       0.0);         ( 557289.4,
3777513.4,     962.8,     962.8,       0.0);
     ( 557309.4, 3777513.4,     962.6,     962.6,       0.0);         ( 557329.4,
3777513.4,     962.4,     962.4,       0.0);
     ( 557349.4, 3777513.4,     962.1,     962.1,       0.0);         ( 557369.4,
3777513.4,     961.7,     961.7,       0.0);
     ( 557389.4, 3777513.4,     961.6,     961.6,       0.0);         ( 557409.4,
3777513.4,     961.5,     961.5,       0.0);
     ( 557429.4, 3777513.4,     961.0,     961.0,       0.0);         ( 557449.4,
3777513.4,     960.6,     960.6,       0.0);
     ( 557469.4, 3777513.4,     960.4,     960.4,       0.0);         ( 557489.4,
3777513.4,     960.2,     960.2,       0.0);
     ( 556509.4, 3777533.4,     970.5,     970.5,       0.0);         ( 556529.4,
3777533.4,     970.6,     970.6,       0.0);
     ( 556549.4, 3777533.4,     970.5,     970.5,       0.0);         ( 556569.4,
3777533.4,     970.5,     970.5,       0.0);
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(556589.4, 3777533.4, 970.4, 970.4, 0.0); (556609.4, 3777533.4, 970.5, 970.5, 0.0);
(556629.4, 3777533.4, 970.6, 970.6, 0.0); (556649.4, 3777533.4, 970.7, 970.7, 0.0);
(556669.4, 3777533.4, 970.6, 970.6, 0.0); (556689.4, 3777533.4, 970.7, 970.7, 0.0);
(556709.4, 3777533.4, 971.2, 971.2, 0.0); (556729.4, 3777533.4, 971.5, 971.5, 0.0);
(556749.4, 3777533.4, 971.3, 971.3, 0.0); (556769.4, 3777533.4, 971.0, 971.0, 0.0);
(556789.4, 3777533.4, 970.8, 970.8, 0.0); (556809.4, 3777533.4, 969.9, 969.9, 0.0);
(556829.4, 3777533.4, 969.8, 969.8, 0.0); (556849.4, 3777533.4, 969.2, 969.2, 0.0);
(556869.4, 3777533.4, 969.0, 969.0, 0.0); (556889.4, 3777533.4, 968.8, 968.8, 0.0);
(556909.4, 3777533.4, 968.5, 968.5, 0.0); (556929.4, 3777533.4, 968.2, 968.2, 0.0);
(556949.4, 3777533.4, 967.9, 967.9, 0.0); (556969.4, 3777533.4, 967.4, 967.4, 0.0);
(556989.4, 3777533.4, 967.1, 967.1, 0.0); (557009.4, 3777533.4, 966.9, 966.9, 0.0);

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

(557029.4, 3777533.4, 966.7, 966.7, 0.0); (557049.4, 3777533.4, 966.5, 966.5, 0.0);
(557069.4, 3777533.4, 966.3, 966.3, 0.0); (557089.4, 3777533.4, 966.0, 966.0, 0.0);
(557109.4, 3777533.4, 965.9, 965.9, 0.0); (557129.4, 3777533.4, 965.9, 965.9, 0.0);
(557149.4, 3777533.4, 965.9, 965.9, 0.0); (557169.4, 3777533.4, 965.3, 965.3, 0.0);
(557189.4, 3777533.4, 964.7, 964.7, 0.0); (557209.4, 3777533.4, 964.6, 964.6, 0.0);
(557229.4, 3777533.4, 963.6, 963.6, 0.0); (557249.4, 3777533.4, 963.5, 963.5, 0.0);
(557269.4, 3777533.4, 962.9, 962.9, 0.0); (557289.4, 3777533.4, 962.6, 962.6, 0.0);
(557309.4, 3777533.4, 962.3, 962.3, 0.0); (557329.4,

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3777533.4,     962.0,     962.0,       0.0);
     ( 557349.4, 3777533.4,     961.8,     961.8,       0.0);         ( 557369.4,
3777533.4,     961.4,     961.4,       0.0);
     ( 557389.4, 3777533.4,     960.9,     960.9,       0.0);         ( 557409.4,
3777533.4,     960.9,     960.9,       0.0);
     ( 557429.4, 3777533.4,     960.6,     960.6,       0.0);         ( 557449.4,
3777533.4,     960.5,     960.5,       0.0);
     ( 557469.4, 3777533.4,     959.9,     959.9,       0.0);         ( 557489.4,
3777533.4,     959.5,     959.5,       0.0);
     ( 556509.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556529.4,
3777553.4,     970.2,     970.2,       0.0);
     ( 556549.4, 3777553.4,     970.0,     970.0,       0.0);         ( 556569.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556589.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556609.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556629.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556649.4,
3777553.4,     970.3,     970.3,       0.0);
     ( 556669.4, 3777553.4,     970.0,     970.0,       0.0);         ( 556689.4,
3777553.4,     970.1,     970.1,       0.0);
     ( 556709.4, 3777553.4,     970.7,     970.7,       0.0);         ( 556729.4,
3777553.4,     971.0,     971.0,       0.0);
     ( 556749.4, 3777553.4,     970.5,     970.5,       0.0);         ( 556769.4,
3777553.4,     970.3,     970.3,       0.0);
     ( 556789.4, 3777553.4,     970.2,     970.2,       0.0);         ( 556809.4,
3777553.4,     969.6,     969.6,       0.0);
     ( 556829.4, 3777553.4,     969.3,     969.3,       0.0);         ( 556849.4,
3777553.4,     968.8,     968.8,       0.0);
     ( 556869.4, 3777553.4,     968.5,     968.5,       0.0);         ( 556889.4,
3777553.4,     968.4,     968.4,       0.0);
     ( 556909.4, 3777553.4,     968.2,     968.2,       0.0);         ( 556929.4,
3777553.4,     968.1,     968.1,       0.0);
     ( 556949.4, 3777553.4,     967.3,     967.3,       0.0);         ( 556969.4,
3777553.4,     966.9,     966.9,       0.0);
     ( 556989.4, 3777553.4,     966.4,     966.4,       0.0);         ( 557009.4,
3777553.4,     966.2,     966.2,       0.0);
     ( 557029.4, 3777553.4,     965.9,     965.9,       0.0);         ( 557049.4,
3777553.4,     965.8,     965.8,       0.0);
     ( 557069.4, 3777553.4,     965.7,     965.7,       0.0);         ( 557089.4,
3777553.4,     965.5,     965.5,       0.0);
     ( 557109.4, 3777553.4,     965.2,     965.2,       0.0);         ( 557129.4,
3777553.4,     965.2,     965.2,       0.0);
     ( 557149.4, 3777553.4,     965.2,     965.2,       0.0);         ( 557169.4,
3777553.4,     964.9,     964.9,       0.0);
     ( 557189.4, 3777553.4,     964.5,     964.5,       0.0);         ( 557209.4,
3777553.4,     964.1,     964.1,       0.0);
     ( 557229.4, 3777553.4,     963.5,     963.5,       0.0);         ( 557249.4,
3777553.4,     962.9,     962.9,       0.0);
     ( 557269.4, 3777553.4,     962.5,     962.5,       0.0);         ( 557289.4,
3777553.4,     962.2,     962.2,       0.0);
     ( 557309.4, 3777553.4,     961.9,     961.9,       0.0);         ( 557329.4,
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3777553.4,   961.6,   961.6,   0.0);
     (557349.4, 3777553.4,   961.4,   961.4,   0.0);   (557369.4,
3777553.4,   961.2,   961.2,   0.0);
     (557389.4, 3777553.4,   960.6,   960.6,   0.0);   (557409.4,
3777553.4,   960.5,   960.5,   0.0);
     (557429.4, 3777553.4,   960.2,   960.2,   0.0);   (557449.4,
3777553.4,   960.0,   960.0,   0.0);
     (557469.4, 3777553.4,   959.7,   959.7,   0.0);   (557489.4,
3777553.4,   959.0,   959.0,   0.0);
     (557438.9, 3777336.7,   963.4,   963.4,   0.0);   (556615.9,
3777137.0,   979.2,   979.2,   0.0);
     (556586.4, 3777056.2,   980.5,   981.8,   0.0);   (556672.4,
3776929.1,   979.7,   985.3,   0.0);
     (556692.4, 3776929.1,   979.9,   979.9,   0.0);   (556712.4,
3776929.1,   979.8,   979.8,   0.0);
     (556732.4, 3776929.1,   979.7,   979.7,   0.0);   (556752.4,
3776929.1,   979.1,   979.1,   0.0);
     (556772.4, 3776929.1,   979.3,   979.3,   0.0);   (556792.4,
3776929.1,   979.5,   979.5,   0.0);
     (556812.4, 3776929.1,   979.1,   979.1,   0.0);   (556832.4,
3776929.1,   979.6,   979.6,   0.0);
     (556852.4, 3776929.1,   979.6,   979.6,   0.0);   (556672.4,
3776949.1,   979.8,   979.8,   0.0);
     (556692.4, 3776949.1,   979.9,   979.9,   0.0);   (556712.4,
3776949.1,   980.0,   980.0,   0.0);

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

     (556732.4, 3776949.1,   980.0,   980.0,   0.0);   (556752.4,
3776949.1,   979.9,   979.9,   0.0);
     (556772.4, 3776949.1,   979.7,   979.7,   0.0);   (556792.4,
3776949.1,   979.3,   979.3,   0.0);
     (556812.4, 3776949.1,   979.1,   979.1,   0.0);   (556832.4,
3776949.1,   979.7,   979.7,   0.0);
     (556852.4, 3776949.1,   979.7,   979.7,   0.0);   (556672.4,
3776969.1,   979.8,   979.8,   0.0);
     (556692.4, 3776969.1,   979.9,   979.9,   0.0);   (556712.4,
3776969.1,   980.0,   980.0,   0.0);
     (556732.4, 3776969.1,   979.9,   979.9,   0.0);   (556752.4,
3776969.1,   979.9,   979.9,   0.0);

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     ( 556772.4, 3776969.1,     979.8,     979.8,       0.0);         ( 556792.4,
3776969.1,     979.4,     979.4,       0.0);
     ( 556812.4, 3776969.1,     979.3,     979.3,       0.0);         ( 556832.4,
3776969.1,     979.6,     979.6,       0.0);
     ( 556852.4, 3776969.1,     979.8,     979.8,       0.0);         ( 556672.4,
3776989.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3776989.1,     979.9,     979.9,       0.0);         ( 556712.4,
3776989.1,     980.0,     980.0,       0.0);
     ( 556732.4, 3776989.1,     980.0,     980.0,       0.0);         ( 556752.4,
3776989.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3776989.1,     979.9,     979.9,       0.0);         ( 556792.4,
3776989.1,     979.5,     979.5,       0.0);
     ( 556812.4, 3776989.1,     979.5,     979.5,       0.0);         ( 556832.4,
3776989.1,     979.7,     979.7,       0.0);
     ( 556852.4, 3776989.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556692.4, 3777009.1,     980.0,     980.0,       0.0);         ( 556712.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556732.4, 3777009.1,     980.0,     980.0,       0.0);         ( 556752.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777009.1,     979.9,     979.9,       0.0);         ( 556792.4,
3777009.1,     979.6,     979.6,       0.0);
     ( 556812.4, 3777009.1,     979.7,     979.7,       0.0);         ( 556832.4,
3777009.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777009.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556692.4, 3777029.1,     980.0,     980.0,       0.0);         ( 556712.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556732.4, 3777029.1,     980.0,     980.0,       0.0);         ( 556752.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777029.1,     979.9,     979.9,       0.0);         ( 556792.4,
3777029.1,     979.8,     979.8,       0.0);
     ( 556812.4, 3777029.1,     979.9,     979.9,       0.0);         ( 556832.4,
3777029.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777029.1,     979.7,     979.7,       0.0);         ( 556672.4,
3777049.1,     979.8,     979.8,       0.0);
     ( 556692.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556712.4,
3777049.1,     979.8,     979.8,       0.0);
     ( 556732.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556752.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556772.4, 3777049.1,     979.8,     979.8,       0.0);         ( 556792.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556812.4, 3777049.1,     979.9,     979.9,       0.0);         ( 556832.4,
3777049.1,     979.9,     979.9,       0.0);
     ( 556852.4, 3777049.1,     979.7,     979.7,       0.0);         ( 556927.5,
3776959.5,     976.9,     976.9,       0.0);
     ( 556947.5, 3776959.5,     976.7,     976.7,       0.0);         ( 556967.5,
3776959.5,     977.3,     977.3,       0.0);
     ( 556987.5, 3776959.5,     977.4,     977.4,       0.0);         ( 557007.5,
3776959.5,     977.5,     977.5,       0.0);
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     ( 557027.5, 3776959.5,     977.5,     977.5,       0.0);         ( 557047.5,
3776959.5,     977.5,     977.5,       0.0);
     ( 557067.5, 3776959.5,     977.5,     977.5,       0.0);         ( 557087.5,
3776959.5,     977.5,     977.5,       0.0);
     ( 556927.5, 3776979.5,     977.1,     977.1,       0.0);         ( 556947.5,
3776979.5,     977.0,     977.0,       0.0);
     ( 556967.5, 3776979.5,     977.3,     977.3,       0.0);         ( 556987.5,
3776979.5,     977.4,     977.4,       0.0);
     ( 557007.5, 3776979.5,     977.6,     977.6,       0.0);         ( 557027.5,
3776979.5,     977.6,     977.6,       0.0);
     ( 557047.5, 3776979.5,     977.5,     977.5,       0.0);         ( 557067.5,
3776979.5,     977.6,     977.6,       0.0);
     ( 557087.5, 3776979.5,     977.5,     977.5,       0.0);         ( 556927.5,
3776999.5,     977.1,     977.1,       0.0);
     ( 556947.5, 3776999.5,     977.3,     977.3,       0.0);         ( 556967.5,
3776999.5,     977.4,     977.4,       0.0);
     ( 556987.5, 3776999.5,     977.5,     977.5,       0.0);         ( 557007.5,
3776999.5,     977.6,     977.6,       0.0);
     ( 557027.5, 3776999.5,     977.6,     977.6,       0.0);         ( 557047.5,
3776999.5,     977.5,     977.5,       0.0);
     ( 557067.5, 3776999.5,     977.5,     977.5,       0.0);         ( 557087.5,
3776999.5,     977.5,     977.5,       0.0);
     ( 556927.5, 3777019.5,     977.1,     977.1,       0.0);         ( 556947.5,
3777019.5,     977.3,     977.3,       0.0);
     ( 556967.5, 3777019.5,     977.4,     977.4,       0.0);         ( 556987.5,
3777019.5,     977.5,     977.5,       0.0);
     ( 557007.5, 3777019.5,     977.6,     977.6,       0.0);         ( 557027.5,
3777019.5,     977.6,     977.6,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:32:11

                                  PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 557047.5, 3777019.5,     977.5,     977.5,       0.0);         ( 557067.5,
3777019.5,     977.5,     977.5,       0.0);
     ( 557087.5, 3777019.5,     977.5,     977.5,       0.0);         ( 556927.5,
3777039.5,     977.1,     977.1,       0.0);
     ( 556947.5, 3777039.5,     977.3,     977.3,       0.0);         ( 556967.5,
3777039.5,     977.5,     977.5,       0.0);
     ( 556987.5, 3777039.5,     977.6,     977.6,       0.0);         ( 557007.5,
3777039.5,     977.5,     977.5,       0.0);
     ( 557027.5, 3777039.5,     977.5,     977.5,       0.0);         ( 557047.5,
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3777039.5,   977.6,   977.6,   0.0);
     (557067.5, 3777039.5,   977.5,   977.5,   0.0);   (557087.5,
3777039.5,   977.5,   977.5,   0.0);
     (557047.5, 3777059.5,   977.3,   977.3,   0.0);   (557067.5,
3777059.5,   977.3,   977.3,   0.0);
     (557087.5, 3777059.5,   977.2,   977.2,   0.0);   (556919.0,
3777174.9,   975.1,   975.1,   0.0);
     (556939.0, 3777174.9,   975.1,   975.1,   0.0);   (556919.0,
3777194.9,   975.1,   975.1,   0.0);
     (556939.0, 3777194.9,   975.0,   975.0,   0.0);   (556919.0,
3777214.9,   974.1,   974.8,   0.0);
     (556939.0, 3777214.9,   974.8,   974.8,   0.0);   (556919.0,
3777234.9,   974.2,   974.2,   0.0);
     (556939.0, 3777234.9,   974.6,   974.6,   0.0);   (556919.0,
3777254.9,   974.0,   974.6,   0.0);
     (556939.0, 3777254.9,   974.3,   974.3,   0.0);   (557023.6,
3777171.6,   975.2,   975.2,   0.0);
     (557043.6, 3777171.6,   975.3,   975.3,   0.0);   (557063.6,
3777171.6,   975.1,   975.1,   0.0);
     (557083.6, 3777171.6,   975.1,   975.1,   0.0);   (557023.6,
3777191.6,   975.3,   975.3,   0.0);
     (557043.6, 3777191.6,   975.0,   975.0,   0.0);   (557063.6,
3777191.6,   974.4,   974.4,   0.0);
     (557083.6, 3777191.6,   974.3,   974.3,   0.0);   (557023.6,
3777211.6,   975.3,   975.3,   0.0);
     (557043.6, 3777211.6,   975.1,   975.1,   0.0);   (557063.6,
3777211.6,   974.8,   974.8,   0.0);
     (557083.6, 3777211.6,   973.3,   975.0,   0.0);   (557023.6,
3777231.6,   975.2,   975.2,   0.0);
     (557043.6, 3777231.6,   975.2,   975.2,   0.0);   (557063.6,
3777231.6,   975.0,   975.0,   0.0);
     (557083.6, 3777231.6,   972.3,   975.3,   0.0);   (557023.6,
3777251.6,   974.6,   974.6,   0.0);
     (557043.6, 3777251.6,   974.6,   974.6,   0.0);   (557063.6,
3777251.6,   974.8,   974.8,   0.0);
     (557083.6, 3777251.6,   971.2,   975.3,   0.0);   (556249.1,
3776972.8,   982.0,   982.0,   0.0);
     (556269.1, 3776972.8,   982.3,   982.3,   0.0);   (556229.1,
3776992.8,   981.3,   981.3,   0.0);
     (556249.1, 3776992.8,   981.9,   981.9,   0.0);   (556269.1,
3776992.8,   981.9,   981.9,   0.0);
     (556289.1, 3776992.8,   982.2,   982.2,   0.0);   (556309.1,
3776992.8,   982.3,   982.3,   0.0);
     (556329.1, 3776992.8,   982.9,   982.9,   0.0);   (556209.1,
3777012.8,   980.4,   980.4,   0.0);
     (556229.1, 3777012.8,   981.4,   981.4,   0.0);   (556249.1,
3777012.8,   981.6,   981.6,   0.0);
     (556269.1, 3777012.8,   981.7,   981.7,   0.0);   (556289.1,
3777012.8,   981.7,   981.7,   0.0);
     (556309.1, 3777012.8,   982.0,   982.0,   0.0);   (556329.1,

3777012.8,   982.1,   982.1,   0.0);
     (556209.1, 3777032.8,   980.8,   980.8,   0.0);   (556229.1,
3777032.8,   981.2,   981.2,   0.0);
     (556249.1, 3777032.8,   981.3,   981.3,   0.0);   (556269.1,
3777032.8,   981.5,   981.5,   0.0);
     (556289.1, 3777032.8,   981.4,   981.4,   0.0);   (556309.1,
3777032.8,   981.5,   981.5,   0.0);
     (556209.1, 3777052.8,   980.6,   980.6,   0.0);   (556229.1,
3777052.8,   981.0,   981.0,   0.0);
     (556249.1, 3777052.8,   980.9,   980.9,   0.0);   (556269.1,
3777052.8,   981.1,   981.1,   0.0);
     (556289.1, 3777052.8,   981.1,   981.1,   0.0);   (556309.1,
3777052.8,   981.1,   981.1,   0.0);
     (556249.1, 3777072.8,   980.8,   980.8,   0.0);   (556269.1,
3777072.8,   980.7,   980.7,   0.0);
     (556289.1, 3777072.8,   980.8,   980.8,   0.0);   (556269.1,
3777092.8,   980.5,   980.5,   0.0);
     (556441.7, 3776927.5,   985.8,   985.8,   0.0);   (556461.7,
3776927.5,   985.7,   985.7,   0.0);
     (556481.7, 3776927.5,   986.0,   986.0,   0.0);   (556421.7,
3776947.5,   985.0,   985.0,   0.0);
     (556441.7, 3776947.5,   985.4,   985.4,   0.0);   (556461.7,
3776947.5,   985.2,   985.2,   0.0);
     (556481.7, 3776947.5,   985.5,   985.5,   0.0);   (556401.7,
3776967.5,   984.3,   984.3,   0.0);
     (556421.7, 3776967.5,   984.4,   984.4,   0.0);   (556441.7,
3776967.5,   984.9,   984.9,   0.0);
     (556461.7, 3776967.5,   985.1,   985.1,   0.0);   (556481.7,
3776967.5,   984.9,   984.9,   0.0);
     (556401.7, 3776987.5,   983.9,   983.9,   0.0);   (556421.7,
3776987.5,   984.2,   984.2,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (556441.7, 3776987.5,   984.2,   984.2,   0.0);   (556461.7,
3776987.5,   984.4,   984.4,   0.0);
     (556481.7, 3776987.5,   984.3,   984.3,   0.0);   (556421.7,
3777007.5,   983.9,   983.9,   0.0);
     (556441.7, 3777007.5,   984.1,   984.1,   0.0);   (556461.7,
3777007.5,   984.1,   984.1,   0.0);

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     ( 556481.7, 3777007.5,     983.9,     983.9,       0.0);         ( 556441.7,
3777027.5,     983.8,     983.8,       0.0);
     ( 556461.7, 3777027.5,     984.0,     984.0,       0.0);         ( 556481.7,
3777027.5,     983.7,     983.7,       0.0);
     ( 556251.2, 3777154.9,     978.9,     978.9,       0.0);         ( 556261.3,
3777141.2,     979.1,     979.1,       0.0);
     ( 556265.0, 3777168.2,     978.9,     978.9,       0.0);         ( 556279.2,
3777151.8,     979.0,     979.0,       0.0);
     ( 556202.6, 3777113.4,     979.3,     979.3,       0.0);         ( 556220.1,
3777109.8,     979.4,     979.4,       0.0);
     ( 556187.5, 3777090.2,     979.1,     979.1,       0.0);         ( 556164.3,
3777121.4,     978.2,     978.2,       0.0);
     ( 557510.3, 3776508.2,     988.3,     988.3,       0.0);         ( 557530.3,
3776508.2,     988.1,     988.1,       0.0);
     ( 557550.3, 3776508.2,     987.9,     987.9,       0.0);         ( 557570.3,
3776508.2,     987.7,     987.7,       0.0);
     ( 557590.3, 3776508.2,     987.6,     987.6,       0.0);         ( 557610.3,
3776508.2,     987.6,     987.6,       0.0);
     ( 557630.3, 3776508.2,     987.5,     987.5,       0.0);         ( 557650.3,
3776508.2,     987.5,     987.5,       0.0);
     ( 557670.3, 3776508.2,     987.3,     987.3,       0.0);         ( 557690.3,
3776508.2,     987.1,     987.1,       0.0);
     ( 557510.3, 3776528.2,     987.7,     987.7,       0.0);         ( 557530.3,
3776528.2,     987.5,     987.5,       0.0);
     ( 557550.3, 3776528.2,     987.3,     987.3,       0.0);         ( 557570.3,
3776528.2,     987.1,     987.1,       0.0);
     ( 557590.3, 3776528.2,     987.0,     987.0,       0.0);         ( 557610.3,
3776528.2,     987.0,     987.0,       0.0);
     ( 557630.3, 3776528.2,     987.0,     987.0,       0.0);         ( 557650.3,
3776528.2,     987.0,     987.0,       0.0);
     ( 557670.3, 3776528.2,     986.8,     986.8,       0.0);         ( 557690.3,
3776528.2,     986.7,     986.7,       0.0);
     ( 557510.3, 3776548.2,     987.0,     987.0,       0.0);         ( 557530.3,
3776548.2,     986.9,     986.9,       0.0);
     ( 557550.3, 3776548.2,     986.6,     986.6,       0.0);         ( 557570.3,
3776548.2,     986.3,     986.3,       0.0);
     ( 557590.3, 3776548.2,     986.3,     986.3,       0.0);         ( 557610.3,
3776548.2,     986.3,     986.3,       0.0);
     ( 557630.3, 3776548.2,     986.3,     986.3,       0.0);         ( 557650.3,
3776548.2,     986.3,     986.3,       0.0);
     ( 557670.3, 3776548.2,     986.2,     986.2,       0.0);         ( 557690.3,
3776548.2,     986.2,     986.2,       0.0);
     ( 557510.3, 3776568.2,     986.3,     986.3,       0.0);         ( 557530.3,
3776568.2,     986.2,     986.2,       0.0);
     ( 557550.3, 3776568.2,     985.9,     985.9,       0.0);         ( 557570.3,
3776568.2,     985.7,     985.7,       0.0);
     ( 557590.3, 3776568.2,     985.6,     985.6,       0.0);         ( 557610.3,
3776568.2,     985.5,     985.5,       0.0);
     ( 557630.3, 3776568.2,     985.5,     985.5,       0.0);         ( 557650.3,
3776568.2,     985.6,     985.6,       0.0);
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     ( 557670.3, 3776568.2,     985.6,     985.6,       0.0);         ( 557690.3,
3776568.2,     985.5,     985.5,       0.0);
     ( 557510.3, 3776588.2,     985.5,     985.5,       0.0);         ( 557530.3,
3776588.2,     985.5,     985.5,       0.0);
     ( 557550.3, 3776588.2,     985.3,     985.3,       0.0);         ( 557570.3,
3776588.2,     985.0,     985.0,       0.0);
     ( 557590.3, 3776588.2,     984.8,     984.8,       0.0);         ( 557610.3,
3776588.2,     984.8,     984.8,       0.0);
     ( 557630.3, 3776588.2,     984.9,     984.9,       0.0);         ( 557650.3,
3776588.2,     984.9,     984.9,       0.0);
     ( 557670.3, 3776588.2,     985.0,     985.0,       0.0);         ( 557690.3,
3776588.2,     985.0,     985.0,       0.0);
     ( 557510.3, 3776608.2,     984.8,     984.8,       0.0);         ( 557530.3,
3776608.2,     984.8,     984.8,       0.0);
     ( 557550.3, 3776608.2,     984.5,     984.5,       0.0);         ( 557570.3,
3776608.2,     984.3,     984.3,       0.0);
     ( 557590.3, 3776608.2,     984.1,     984.1,       0.0);         ( 557610.3,
3776608.2,     984.1,     984.1,       0.0);
     ( 557630.3, 3776608.2,     984.2,     984.2,       0.0);         ( 557650.3,
3776608.2,     984.2,     984.2,       0.0);
     ( 557670.3, 3776608.2,     984.2,     984.2,       0.0);         ( 557690.3,
3776608.2,     984.2,     984.2,       0.0);
     ( 557510.3, 3776628.2,     984.1,     984.1,       0.0);         ( 557530.3,
3776628.2,     984.0,     984.0,       0.0);
     ( 557550.3, 3776628.2,     983.8,     983.8,       0.0);         ( 557570.3,
3776628.2,     983.8,     983.8,       0.0);
     ( 557590.3, 3776628.2,     983.5,     983.5,       0.0);         ( 557610.3,
3776628.2,     983.4,     983.4,       0.0);
     ( 557630.3, 3776628.2,     983.5,     983.5,       0.0);         ( 557650.3,
3776628.2,     983.6,     983.6,       0.0);
     ( 557670.3, 3776628.2,     983.6,     983.6,       0.0);         ( 557690.3,
3776628.2,     983.6,     983.6,       0.0);
     ( 557510.3, 3776648.2,     983.3,     983.3,       0.0);         ( 557530.3,
3776648.2,     983.2,     983.2,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:32:11

                                  PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 557550.3, 3776648.2,     983.0,     983.0,       0.0);         ( 557570.3,
3776648.2,     982.8,     982.8,       0.0);
     ( 557590.3, 3776648.2,     982.8,     982.8,       0.0);         ( 557610.3,
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3776648.2,     982.7,     982.7,       0.0);
     ( 557630.3, 3776648.2,     982.8,     982.8,       0.0);         ( 557650.3,
3776648.2,     982.9,     982.9,       0.0);
     ( 557670.3, 3776648.2,     982.9,     982.9,       0.0);         ( 557690.3,
3776648.2,     982.9,     982.9,       0.0);
     ( 557510.3, 3776668.2,     982.5,     982.5,       0.0);         ( 557530.3,
3776668.2,     982.4,     982.4,       0.0);
     ( 557550.3, 3776668.2,     982.2,     982.2,       0.0);         ( 557570.3,
3776668.2,     982.1,     982.1,       0.0);
     ( 557590.3, 3776668.2,     982.2,     982.2,       0.0);         ( 557610.3,
3776668.2,     982.0,     982.0,       0.0);
     ( 557630.3, 3776668.2,     982.0,     982.0,       0.0);         ( 557650.3,
3776668.2,     982.2,     982.2,       0.0);
     ( 557670.3, 3776668.2,     982.2,     982.2,       0.0);         ( 557690.3,
3776668.2,     982.3,     982.3,       0.0);
     ( 557510.3, 3776688.2,     981.8,     981.8,       0.0);         ( 557530.3,
3776688.2,     981.7,     981.7,       0.0);
     ( 557550.3, 3776688.2,     981.5,     981.5,       0.0);         ( 557570.3,
3776688.2,     981.4,     981.4,       0.0);
     ( 557590.3, 3776688.2,     981.3,     981.3,       0.0);         ( 557610.3,
3776688.2,     981.2,     981.2,       0.0);
     ( 557630.3, 3776688.2,     981.3,     981.3,       0.0);         ( 557650.3,
3776688.2,     981.5,     981.5,       0.0);
     ( 557670.3, 3776688.2,     981.5,     981.5,       0.0);         ( 557690.3,
3776688.2,     981.4,     981.4,       0.0);
     ( 556172.5, 3776517.8,     992.8,     992.8,       0.0);         ( 556192.5,
3776517.8,     992.8,     992.8,       0.0);
     ( 556212.5, 3776517.8,     993.4,     993.4,       0.0);         ( 556232.5,
3776517.8,     993.7,     993.7,       0.0);
     ( 556252.5, 3776517.8,     994.0,     994.0,       0.0);         ( 556272.5,
3776517.8,     994.0,     994.0,       0.0);
     ( 556292.5, 3776517.8,     994.0,     994.0,       0.0);         ( 556312.5,
3776517.8,     994.1,     994.1,       0.0);
     ( 556332.5, 3776517.8,     994.1,     994.1,       0.0);         ( 556352.5,
3776517.8,     994.3,     994.3,       0.0);
     ( 556372.5, 3776517.8,     994.9,     994.9,       0.0);         ( 556392.5,
3776517.8,     994.8,     994.8,       0.0);
     ( 556412.5, 3776517.8,     995.0,     995.0,       0.0);         ( 556432.5,
3776517.8,     995.3,     995.3,       0.0);
     ( 556452.5, 3776517.8,     995.8,     995.8,       0.0);         ( 556472.5,
3776517.8,     995.6,     995.6,       0.0);
     ( 556492.5, 3776517.8,     995.5,     995.5,       0.0);         ( 556172.5,
3776537.8,     992.4,     992.4,       0.0);
     ( 556192.5, 3776537.8,     992.7,     992.7,       0.0);         ( 556212.5,
3776537.8,     992.9,     992.9,       0.0);
     ( 556232.5, 3776537.8,     993.2,     993.2,       0.0);         ( 556252.5,
3776537.8,     993.6,     993.6,       0.0);
     ( 556272.5, 3776537.8,     993.9,     993.9,       0.0);         ( 556292.5,
3776537.8,     993.7,     993.7,       0.0);
     ( 556312.5, 3776537.8,     993.8,     993.8,       0.0);         ( 556332.5,
```

3776537.8,   993.6,   993.6,   0.0);
     (556352.5, 3776537.8,   993.8,   993.8,   0.0);   (556372.5,
3776537.8,   994.3,   994.3,   0.0);
     (556392.5, 3776537.8,   994.8,   994.8,   0.0);   (556412.5,
3776537.8,   994.8,   994.8,   0.0);
     (556432.5, 3776537.8,   994.9,   994.9,   0.0);   (556452.5,
3776537.8,   995.4,   995.4,   0.0);
     (556472.5, 3776537.8,   995.2,   995.2,   0.0);   (556492.5,
3776537.8,   995.0,   995.0,   0.0);
     (556332.5, 3776557.8,   993.1,   993.1,   0.0);   (556352.5,
3776557.8,   993.6,   993.6,   0.0);
     (556372.5, 3776557.8,   993.6,   993.6,   0.0);   (556392.5,
3776557.8,   994.1,   994.1,   0.0);
     (556412.5, 3776557.8,   994.1,   994.1,   0.0);   (556432.5,
3776557.8,   994.4,   994.4,   0.0);
     (556452.5, 3776557.8,   994.8,   994.8,   0.0);   (556472.5,
3776557.8,   994.8,   994.8,   0.0);
     (556492.5, 3776557.8,   994.6,   994.6,   0.0);   (556332.5,
3776577.8,   992.8,   992.8,   0.0);
     (556352.5, 3776577.8,   992.9,   992.9,   0.0);   (556372.5,
3776577.8,   993.1,   993.1,   0.0);
     (556392.5, 3776577.8,   993.2,   993.2,   0.0);   (556412.5,
3776577.8,   993.4,   993.4,   0.0);
     (556432.5, 3776577.8,   993.8,   993.8,   0.0);   (556452.5,
3776577.8,   994.1,   994.1,   0.0);
     (556472.5, 3776577.8,   994.2,   994.2,   0.0);   (556492.5,
3776577.8,   994.2,   994.2,   0.0);
     (556332.5, 3776597.8,   992.2,   992.2,   0.0);   (556352.5,
3776597.8,   992.3,   992.3,   0.0);
     (556372.5, 3776597.8,   992.6,   992.6,   0.0);   (556392.5,
3776597.8,   993.0,   993.0,   0.0);
     (556412.5, 3776597.8,   992.9,   992.9,   0.0);   (556432.5,
3776597.8,   993.3,   993.3,   0.0);
     (556452.5, 3776597.8,   993.8,   993.8,   0.0);   (556472.5,
3776597.8,   994.0,   994.0,   0.0);
     (556492.5, 3776597.8,   993.7,   993.7,   0.0);   (556252.5,
3776617.8,   990.9,   990.9,   0.0);

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

```
     ( 556272.5, 3776617.8,     991.3,     991.3,       0.0);         ( 556292.5,
3776617.8,     991.5,     991.5,       0.0);
     ( 556312.5, 3776617.8,     991.5,     991.5,       0.0);         ( 556332.5,
3776617.8,     992.0,     992.0,       0.0);
     ( 556352.5, 3776617.8,     991.8,     991.8,       0.0);         ( 556372.5,
3776617.8,     991.8,     991.8,       0.0);
     ( 556392.5, 3776617.8,     992.2,     992.2,       0.0);         ( 556412.5,
3776617.8,     992.2,     992.2,       0.0);
     ( 556432.5, 3776617.8,     992.7,     992.7,       0.0);         ( 556452.5,
3776617.8,     992.9,     992.9,       0.0);
     ( 556472.5, 3776617.8,     993.6,     993.6,       0.0);         ( 556492.5,
3776617.8,     993.3,     993.3,       0.0);
     ( 556252.5, 3776637.8,     990.4,     990.4,       0.0);         ( 556272.5,
3776637.8,     990.3,     991.2,       0.0);
     ( 556292.5, 3776637.8,     990.9,     990.9,       0.0);         ( 556312.5,
3776637.8,     991.2,     991.2,       0.0);
     ( 556332.5, 3776637.8,     991.1,     991.1,       0.0);         ( 556352.5,
3776637.8,     991.4,     991.4,       0.0);
     ( 556372.5, 3776637.8,     991.3,     991.3,       0.0);         ( 556392.5,
3776637.8,     991.7,     991.7,       0.0);
     ( 556412.5, 3776637.8,     991.9,     991.9,       0.0);         ( 556432.5,
3776637.8,     992.1,     992.1,       0.0);
     ( 556452.5, 3776637.8,     992.5,     992.5,       0.0);         ( 556472.5,
3776637.8,     992.8,     992.8,       0.0);
     ( 556492.5, 3776637.8,     992.9,     992.9,       0.0);         ( 556252.5,
3776657.8,     989.7,     989.7,       0.0);
     ( 556272.5, 3776657.8,     989.8,     989.8,       0.0);         ( 556292.5,
3776657.8,     989.9,     989.9,       0.0);
     ( 556312.5, 3776657.8,     990.8,     990.8,       0.0);         ( 556332.5,
3776657.8,     990.6,     990.6,       0.0);
     ( 556352.5, 3776657.8,     990.6,     990.6,       0.0);         ( 556372.5,
3776657.8,     990.7,     990.7,       0.0);
     ( 556392.5, 3776657.8,     991.3,     991.3,       0.0);         ( 556412.5,
3776657.8,     991.5,     991.5,       0.0);
     ( 556432.5, 3776657.8,     991.8,     991.8,       0.0);         ( 556452.5,
3776657.8,     992.0,     992.0,       0.0);
     ( 556472.5, 3776657.8,     992.3,     992.3,       0.0);         ( 556492.5,
3776657.8,     992.4,     992.4,       0.0);
     ( 556252.5, 3776677.8,     989.1,     989.1,       0.0);         ( 556272.5,
3776677.8,     989.7,     989.7,       0.0);
     ( 556292.5, 3776677.8,     989.8,     989.8,       0.0);         ( 556312.5,
3776677.8,     989.9,     989.9,       0.0);
     ( 556332.5, 3776677.8,     990.0,     990.0,       0.0);         ( 556352.5,
3776677.8,     990.0,     990.0,       0.0);
     ( 556372.5, 3776677.8,     990.3,     990.3,       0.0);         ( 556392.5,
3776677.8,     990.8,     990.8,       0.0);
     ( 556412.5, 3776677.8,     990.8,     990.8,       0.0);         ( 556432.5,
3776677.8,     991.4,     991.4,       0.0);
     ( 556452.5, 3776677.8,     991.7,     991.7,       0.0);         ( 556472.5,
3776677.8,     991.8,     991.8,       0.0);
```

```
     ( 556492.5, 3776677.8,     991.9,     991.9,       0.0);         ( 556252.5,
3776697.8,     988.5,     988.5,       0.0);
     ( 556272.5, 3776697.8,     989.0,     989.0,       0.0);         ( 556372.5,
3776697.8,     989.8,     989.8,       0.0);
     ( 556392.5, 3776697.8,     990.5,     990.5,       0.0);         ( 556412.5,
3776697.8,     990.5,     990.5,       0.0);
     ( 556432.5, 3776697.8,     990.9,     990.9,       0.0);         ( 556452.5,
3776697.8,     991.3,     991.3,       0.0);
     ( 556472.5, 3776697.8,     991.4,     991.4,       0.0);         ( 556492.5,
3776697.8,     991.4,     991.4,       0.0);
     ( 556252.5, 3776717.8,     988.6,     988.6,       0.0);         ( 556272.5,
3776717.8,     988.6,     988.6,       0.0);
     ( 556372.5, 3776717.8,     989.2,     989.2,       0.0);         ( 556392.5,
3776717.8,     990.0,     990.0,       0.0);
     ( 556412.5, 3776717.8,     990.1,     990.1,       0.0);         ( 556432.5,
3776717.8,     990.5,     990.5,       0.0);
     ( 556452.5, 3776717.8,     990.9,     990.9,       0.0);         ( 556472.5,
3776717.8,     990.6,     990.6,       0.0);
     ( 556492.5, 3776717.8,     991.0,     991.0,       0.0);         ( 556267.4,
3776875.8,     984.3,     984.3,       0.0);
     ( 556239.0, 3776853.0,     985.0,     985.0,       0.0);         ( 556178.8,
3776751.2,     986.0,     986.0,       0.0);
     ( 556154.5, 3776774.5,     986.0,     986.0,       0.0);         ( 556119.5,
3776705.1,     986.9,     986.9,       0.0);
     ( 556146.5, 3777267.9,     975.8,     975.8,       0.0);         ( 556151.0,
3777234.9,     976.6,     976.6,       0.0);
     ( 556144.9, 3777179.6,     977.1,     977.1,       0.0);         ( 556205.2,
3777236.5,     976.5,     976.5,       0.0);
     ( 556218.0, 3777200.0,     977.6,     977.6,       0.0);         ( 556773.5,
3777349.0,     973.8,     973.8,       0.0);
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                  PAGE  16
 *** 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 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:32:11

                                    PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   ..\kpsp_sfc_pfl\KPSP_V11_trimmed.sfc
                Met Version:  22112
   Profile file:   ..\kpsp_sfc_pfl\KPSP_V11_trimmed.pfl

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    93138                 Upper air station no.:     3190
                  Name: 33.63                                      Name: UNKNOWN

                  Year:   2018                                     Year:   2018

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
```

```
 18 01 01   1 01  -14.0  0.169 -9.000 -9.000 -999.  440.     31.3  0.20   3.95
1.00    1.76  251.   10.1  283.1    2.0
 18 01 01   1 02  -29.9  0.302 -9.000 -9.000 -999.  400.    100.6  0.42   3.95
1.00    2.36  318.   10.1  283.8    2.0
 18 01 01   1 03 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  283.1    2.0
 18 01 01   1 04  -23.9  0.242 -9.000 -9.000 -999.  286.     64.5  0.05   3.95
1.00    3.36  343.   10.1  284.2    2.0
 18 01 01   1 05  -22.2  0.222 -9.000 -9.000 -999.  251.     54.3  0.42   3.95
1.00    1.76  313.   10.1  281.4    2.0
 18 01 01   1 06 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  282.0    2.0
 18 01 01   1 07 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  282.0    2.0
 18 01 01   1 08  -10.1  0.158 -9.000 -9.000 -999.  151.     34.8  0.15   3.95
0.51    1.76  999.   10.1  284.2    2.0
 18 01 01   1 09   49.7 -9.000 -9.000 -9.000  112. -999. -99999.0  0.15   3.95
0.31    0.00    0.   10.1  288.1    2.0
 18 01 01   1 10  126.4 -9.000 -9.000 -9.000  210. -999. -99999.0  0.15   3.95
0.24    0.00    0.   10.1  292.0    2.0
 18 01 01   1 11  179.4  0.238  1.188  0.010  336.  279.     -6.8  0.15   3.95
0.22    1.76  999.   10.1  295.3    2.0
 18 01 01   1 12  204.5 -9.000 -9.000 -9.000  506. -999. -99999.0  0.15   3.95
0.21    0.00    0.   10.1  297.5    2.0
 18 01 01   1 13  199.1 -9.000 -9.000 -9.000  674. -999. -99999.0  0.15   3.95
0.21    0.00    0.   10.1  297.0    2.0
 18 01 01   1 14  166.1  0.306  1.531  0.006  774.  406.    -15.4  0.05   3.95
0.23    3.36  119.   10.1  297.0    2.0
 18 01 01   1 15  106.1  0.177  1.363  0.006  855.  189.     -4.7  0.04   3.95
0.26    1.76  132.   10.1  296.4    2.0
 18 01 01   1 16   25.4 -9.000 -9.000 -9.000  876. -999. -99999.0  0.15   3.95
0.36    0.00    0.   10.1  295.9    2.0
 18 01 01   1 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
0.66    0.00    0.   10.1  294.8    2.0
 18 01 01   1 18  -16.2  0.186 -9.000 -9.000 -999.  193.     38.1  0.27   3.95
1.00    1.76  237.   10.1  293.1    2.0
 18 01 01   1 19  -14.9  0.167 -9.000 -9.000 -999.  164.     30.6  0.05   3.95
1.00    2.36  334.   10.1  290.9    2.0
 18 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  288.8    2.0
 18 01 01   1 21  -23.6  0.242 -9.000 -9.000 -999.  286.     64.5  0.05   3.95
1.00    3.36  330.   10.1  288.1    2.0
 18 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.15   3.95
1.00    0.00    0.   10.1  286.4    2.0
 18 01 01   1 23  -20.0  0.205 -9.000 -9.000 -999.  222.     46.0  0.05   3.95
1.00    2.86  330.   10.1  288.1    2.0
 18 01 01   1 24  -49.4  0.505 -9.000 -9.000 -999.  862.    280.9  0.42   3.95
1.00    3.86  310.   10.1  287.5    2.0
```

First hour of profile data
YR MO DY HR HEIGHT F WDIR   WSPD AMB_TMP sigmaA sigmaW sigmaV
18 01 01 01   10.1 1 251.   1.76   283.2   99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 23132 ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
*** AERMET - VERSION 22112 ***   ***
                      ***   16:32:11

                                PAGE 18
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

                                            *** 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
 - - -

```
         556275.11    3777267.81        1.62174                    556278.28
3777233.46        1.49572
         556509.40    3777373.38        4.67848                    556529.40
3777373.38        5.15938
         556549.40    3777373.38        5.71498                    556569.40
3777373.38        6.35578
         556589.40    3777373.38        7.10183                    556609.40
3777373.38        7.95258
         556629.40    3777373.38        8.91524                    556649.40
3777373.38        9.95437
         556669.40    3777373.38       11.02486                    556689.40
3777373.38       12.02302
         556709.40    3777373.38       12.81136                    556729.40
3777373.38       13.29091
         556749.40    3777373.38       13.48052                    556769.40
3777373.38       13.48516
         556789.40    3777373.38       13.53156                    556809.40
3777373.38       13.73451
         556829.40    3777373.38       13.98904                    556849.40
3777373.38       14.09101
         556869.40    3777373.38       13.88365                    556889.40
3777373.38       13.26022
         556909.40    3777373.38       12.31148                    556929.40
3777373.38       11.18677
         556949.40    3777373.38       10.05939                    556969.40
3777373.38        9.03971
         556989.40    3777373.38        8.17006                    557009.40
3777373.38        7.45511
         557029.40    3777373.38        6.88188                    557049.40
3777373.38        6.40397
         557069.40    3777373.38        5.98831                    557089.40
3777373.38        5.62574
         557109.40    3777373.38        5.29699                    557129.40
3777373.38        4.99441
         557149.40    3777373.38        4.71259                    557169.40
3777373.38        4.45093
         557189.40    3777373.38        4.20990                    557209.40
3777373.38        3.98219
         557229.40    3777373.38        3.76481                    557249.40
3777373.38        3.55970
         557269.40    3777373.38        3.36674                    557289.40
3777373.38        3.19047
         557309.40    3777373.38        3.02709                    557329.40
3777373.38        2.86941
         557349.40    3777373.38        2.72733                    557369.40
3777373.38        2.59203
         557389.40    3777373.38        2.46584                    557409.40
3777373.38        2.34800
         557429.40    3777373.38        2.23563                    557449.40
3777373.38        2.13334
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         557469.40    3777373.38        2.03583                       557489.40
3777373.38        1.94053
         556509.40    3777393.38        4.52478                       556529.40
3777393.38        4.96861
         556549.40    3777393.38        5.47715                       556569.40
3777393.38        6.05622
         556589.40    3777393.38        6.72151                       556609.40
3777393.38        7.45718
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                        *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556629.40    3777393.38        8.25763                       556649.40
3777393.38        9.06161
         556669.40    3777393.38        9.81914                       556689.40
3777393.38       10.44793
         556709.40    3777393.38       10.88410                       556729.40
3777393.38       11.07616
         556749.40    3777393.38       11.11214                       556769.40
3777393.38       11.09023
         556789.40    3777393.38       11.14480                       556809.40
3777393.38       11.32764
         556829.40    3777393.38       11.53697                       556849.40
3777393.38       11.61444
         556869.40    3777393.38       11.48835                       556889.40
3777393.38       11.11346
         556909.40    3777393.38       10.45679                       556929.40
3777393.38        9.65520
         556949.40    3777393.38        8.77550                       556969.40
3777393.38        7.95651
         556989.40    3777393.38        7.22983                       557009.40
```

3777393.38 6.61346
557029.40 3777393.38 6.09712 557049.40
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557069.40 3777393.38 5.32058 557089.40
3777393.38 5.01562
557109.40 3777393.38 4.74644 557129.40
3777393.38 4.49182
557149.40 3777393.38 4.26615 557169.40
3777393.38 4.04870
557189.40 3777393.38 3.84582 557209.40
3777393.38 3.66070
557229.40 3777393.38 3.48371 557249.40
3777393.38 3.31030
557269.40 3777393.38 3.14893 557289.40
3777393.38 2.99547
557309.40 3777393.38 2.84732 557329.40
3777393.38 2.71570
557349.40 3777393.38 2.58871 557369.40
3777393.38 2.46995
557389.40 3777393.38 2.35782 557409.40
3777393.38 2.25002
557429.40 3777393.38 2.14963 557449.40
3777393.38 2.05655
557469.40 3777393.38 1.96622 557489.40
3777393.38 1.87880
556509.40 3777413.38 4.36322 556529.40
3777413.38 4.77485
556549.40 3777413.38 5.24250 556569.40
3777413.38 5.76753
556589.40 3777413.38 6.34681 556609.40
3777413.38 6.96716
556629.40 3777413.38 7.60536 556649.40
3777413.38 8.19978
556669.40 3777413.38 8.71330 556689.40
3777413.38 9.08387
556709.40 3777413.38 9.28561 556729.40
3777413.38 9.33162
556749.40 3777413.38 9.29704 556769.40
3777413.38 9.30391
556789.40 3777413.38 9.37515 556809.40
3777413.38 9.54267
556829.40 3777413.38 9.70450 556849.40
3777413.38 9.77787
556869.40 3777413.38 9.71930 556889.40
3777413.38 9.45374
556909.40 3777413.38 9.00455 556929.40
3777413.38 8.43216
556949.40 3777413.38 7.74378 556969.40
3777413.38 7.07502
556989.40 3777413.38 6.45762 557009.40

3777413.38   5.92404
         557029.40   3777413.38   5.46456   557049.40
3777413.38   5.08637
         557069.40   3777413.38   4.77097   557089.40
3777413.38   4.50285
         557109.40   3777413.38   4.27226   557129.40
3777413.38   4.05448
         557149.40   3777413.38   3.86878   557169.40
3777413.38   3.68639
         557189.40   3777413.38   3.51966   557209.40
3777413.38   3.36491

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA1   ,

                                             *** 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
 - - -

556549.40 3777433.38 5.00352 556569.40
3777433.38 5.46551
556589.40 3777433.38 5.96609 556609.40
3777433.38 6.47594
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3777433.38 7.39024
556669.40 3777433.38 7.71093 556689.40
3777433.38 7.91067
556709.40 3777433.38 7.97384 556729.40
3777433.38 7.95963
556749.40 3777433.38 7.91585 556769.40
3777433.38 7.94030
556789.40 3777433.38 8.02153 556809.40
3777433.38 8.15748
556829.40 3777433.38 8.28943 556849.40
3777433.38 8.34483
556869.40 3777433.38 8.31410 556889.40
3777433.38 8.13925
556909.40 3777433.38 7.82849 556929.40
3777433.38 7.39528
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3777433.38 6.33983
556989.40 3777433.38 5.81640 557009.40
3777433.38 5.36264
557029.40 3777433.38 4.95523 557049.40
3777433.38 4.61330
557069.40 3777433.38 4.32159 557089.40
3777433.38 4.07616
557109.40 3777433.38 3.86914 557129.40
3777433.38 3.68090
557149.40 3777433.38 3.51869 557169.40
3777433.38 3.36188
557189.40 3777433.38 3.22276 557209.40
3777433.38 3.09193
557229.40 3777433.38 2.96147 557249.40
3777433.38 2.84412
557269.40 3777433.38 2.72818 557289.40
3777433.38 2.61510
557309.40 3777433.38 2.51220 557329.40
3777433.38 2.40837
557349.40 3777433.38 2.30647 557369.40
3777433.38 2.21480
557389.40 3777433.38 2.13262 557409.40
3777433.38 2.05004
557429.40 3777433.38 1.96484 557449.40
3777433.38 1.88880
557469.40 3777433.38 1.81589 557489.40
3777433.38 1.74636
556509.40 3777453.38 4.04279 556529.40
3777453.38 4.38942

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** 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
556549.40	3777453.38	4.76962	556569.40	3777453.38	5.17032
556589.40	3777453.38	5.58655	556609.40	3777453.38	5.98655
556629.40	3777453.38	6.35097	556649.40	3777453.38	6.63423
556669.40	3777453.38	6.81566	556689.40	3777453.38	6.89765
556709.40	3777453.38	6.89209	556729.40	3777453.38	6.86015
556749.40	3777453.38	6.83947	556769.40	3777453.38	6.87044
556789.40	3777453.38	6.95467	556809.40	3777453.38	7.07064
556829.40	3777453.38	7.18490	556849.40	3777453.38	7.23580
556869.40	3777453.38	7.22196	556889.40	3777453.38	7.08616
556909.40	3777453.38	6.86602	556929.40	3777453.38	6.53221
556949.40	3777453.38	6.14419	556969.40	3777453.38	5.71410
556989.40	3777453.38	5.28014	557009.40	3777453.38	4.87461
557029.40	3777453.38	4.51605	557049.40	3777453.38	4.20636
557069.40	3777453.38	3.94503	557089.40		

3777453.38 3.72033
557109.40 3777453.38 3.53027 557129.40
3777453.38 3.36177
557149.40 3777453.38 3.21671 557169.40
3777453.38 3.07715
557189.40 3777453.38 2.95622 557209.40
3777453.38 2.84533
557229.40 3777453.38 2.73419 557249.40
3777453.38 2.63477
557269.40 3777453.38 2.53512 557289.40
3777453.38 2.43930
557309.40 3777453.38 2.34999 557329.40
3777453.38 2.26186
557349.40 3777453.38 2.17790 557369.40
3777453.38 2.09291
557389.40 3777453.38 2.01623 557409.40
3777453.38 1.94609
557429.40 3777453.38 1.87443 557449.40
3777453.38 1.80582
557469.40 3777453.38 1.73919 557489.40
3777453.38 1.67446
556509.40 3777473.38 3.88546 556529.40
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556549.40 3777473.38 4.52679 556569.40
3777473.38 4.87327
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3777473.38 5.50846
556629.40 3777473.38 5.75983 556649.40
3777473.38 5.93739
556669.40 3777473.38 6.02449 556689.40
3777473.38 6.03694
556709.40 3777473.38 6.00947 556729.40
3777473.38 5.98014
556749.40 3777473.38 5.97121 556769.40
3777473.38 6.01698
556789.40 3777473.38 6.09590 556809.40
3777473.38 6.19649
556829.40 3777473.38 6.28628 556849.40
3777473.38 6.33815
556869.40 3777473.38 6.33277 556889.40
3777473.38 6.23371
556909.40 3777473.38 6.07387 556929.40
3777473.38 5.83093
556949.40 3777473.38 5.52692 556969.40
3777473.38 5.18121
556989.40 3777473.38 4.82262 557009.40
3777473.38 4.47747
557029.40 3777473.38 4.15683 557049.40
3777473.38 3.87243
557069.40 3777473.38 3.63123 557089.40

3777473.38   3.42073
         557109.40   3777473.38   3.24425   557129.40
3777473.38   3.08742
         557149.40   3777473.38   2.95645   557169.40
3777473.38   2.83123
         557189.40   3777473.38   2.72296   557209.40
3777473.38   2.62418
         557229.40   3777473.38   2.52918   557249.40
3777473.38   2.44321
         557269.40   3777473.38   2.35688   557289.40
3777473.38   2.27473
         557309.40   3777473.38   2.19726   557329.40
3777473.38   2.12269
         557349.40   3777473.38   2.04887   557369.40
3777473.38   1.97825
         557389.40   3777473.38   1.90869   557409.40
3777473.38   1.84448

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA1   ,

                                             *** 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
 -
- -
         557429.40   3777473.38   1.77991   557449.40
3777473.38   1.72199
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3777473.38   1.60454
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3777493.38   4.00898
         556549.40   3777493.38   4.29369   556569.40
3777493.38   4.56551
         556589.40   3777493.38   4.82363   556609.40
3777493.38   5.04781

556629.40 3777493.38 5.20797 556649.40
3777493.38 5.30324
556669.40 3777493.38 5.33999 556689.40
3777493.38 5.32110
556709.40 3777493.38 5.28657 556729.40
3777493.38 5.27051
556749.40 3777493.38 5.27348 556769.40
3777493.38 5.32515
556789.40 3777493.38 5.39740 556809.40
3777493.38 5.47745
556829.40 3777493.38 5.55588 556849.40
3777493.38 5.59534
556869.40 3777493.38 5.59700 556889.40
3777493.38 5.53110
556909.40 3777493.38 5.41275 556929.40
3777493.38 5.22781
556949.40 3777493.38 4.99175 556969.40
3777493.38 4.71234
556989.40 3777493.38 4.42018 557009.40
3777493.38 4.12772
557029.40 3777493.38 3.84502 557049.40
3777493.38 3.58769
557069.40 3777493.38 3.36385 557089.40
3777493.38 3.16611
557109.40 3777493.38 3.00228 557129.40
3777493.38 2.85542
557149.40 3777493.38 2.73073 557169.40
3777493.38 2.61902
557189.40 3777493.38 2.51683 557209.40
3777493.38 2.42942
557229.40 3777493.38 2.34477 557249.40
3777493.38 2.26696
557269.40 3777493.38 2.19385 557289.40
3777493.38 2.12293
557309.40 3777493.38 2.05376 557329.40
3777493.38 1.98844
557349.40 3777493.38 1.92562 557369.40
3777493.38 1.86392
557389.40 3777493.38 1.80523 557409.40
3777493.38 1.74801
557429.40 3777493.38 1.68826 557449.40
3777493.38 1.63565
557469.40 3777493.38 1.58548 557489.40
3777493.38 1.53437
556509.40 3777513.38 3.57176 556529.40
3777513.38 3.81274
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3777513.38 4.27996
556589.40 3777513.38 4.47207 556609.40
3777513.38 4.61559

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         556629.40    3777513.38        4.71895                      556649.40
3777513.38        4.75951
         556669.40    3777513.38        4.75485                      556689.40
3777513.38        4.71958
         556709.40    3777513.38        4.69111                      556729.40
3777513.38        4.68707
         556749.40    3777513.38        4.70336                      556769.40
3777513.38        4.75815
         556789.40    3777513.38        4.82417                      556809.40
3777513.38        4.88662
         556829.40    3777513.38        4.94812                      556849.40
3777513.38        4.98027
         556869.40    3777513.38        4.98518                      556889.40
3777513.38        4.94307
         556909.40    3777513.38        4.84851                      556929.40
3777513.38        4.71246
         556949.40    3777513.38        4.52871                      556969.40
3777513.38        4.30442
         556989.40    3777513.38        4.06048                      557009.40
3777513.38        3.81427
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:32:11

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3777513.38        3.34029
         557069.40    3777513.38        3.13148                      557089.40
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         557109.40    3777513.38        2.79137                      557129.40
3777513.38        2.65491
         557149.40    3777513.38        2.53784                      557169.40
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557229.40 3777513.38 2.18053 557249.40
3777513.38 2.11271
557269.40 3777513.38 2.04627 557289.40
3777513.38 1.98286
557309.40 3777513.38 1.92394 557329.40
3777513.38 1.86666
557349.40 3777513.38 1.81053 557369.40
3777513.38 1.75572
557389.40 3777513.38 1.70411 557409.40
3777513.38 1.65429
557429.40 3777513.38 1.60325 557449.40
3777513.38 1.55480
557469.40 3777513.38 1.50868 557489.40
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556509.40 3777533.38 3.41235 556529.40
3777533.38 3.61858
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3777533.38 3.98079
556589.40 3777533.38 4.11657 556609.40
3777533.38 4.21160
556629.40 3777533.38 4.26187 556649.40
3777533.38 4.26937
556669.40 3777533.38 4.24263 556689.40
3777533.38 4.21223
556709.40 3777533.38 4.19671 556729.40
3777533.38 4.20190
556749.40 3777533.38 4.22867 556769.40
3777533.38 4.27940
556789.40 3777533.38 4.34128 556809.40
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556829.40 3777533.38 4.44419 556849.40
3777533.38 4.46581
556869.40 3777533.38 4.46992 556889.40
3777533.38 4.44346
556909.40 3777533.38 4.37479 556929.40
3777533.38 4.26740
556949.40 3777533.38 4.12191 556969.40
3777533.38 3.94032
556989.40 3777533.38 3.73988 557009.40
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557029.40 3777533.38 3.31984 557049.40
3777533.38 3.11763
557069.40 3777533.38 2.92959 557089.40
3777533.38 2.75975
557109.40 3777533.38 2.61099 557129.40
3777533.38 2.48330
557149.40 3777533.38 2.37211 557169.40

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3777533.38        2.27145
         557189.40    3777533.38        2.18310                       557209.40
3777533.38        2.10845
         557229.40    3777533.38        2.03459                       557249.40
3777533.38        1.97279
         557269.40    3777533.38        1.91246                       557289.40
3777533.38        1.85675
         557309.40    3777533.38        1.80380                       557329.40
3777533.38        1.75294
         557349.40    3777533.38        1.70404                       557369.40
3777533.38        1.65562
         557389.40    3777533.38        1.60757                       557409.40
3777533.38        1.56424
         557429.40    3777533.38        1.52021                       557449.40
3777533.38        1.47820
         557469.40    3777533.38        1.43533                       557489.40
3777533.38        1.39434
         556509.40    3777553.38        3.25310                       556529.40
3777553.38        3.42234
         556549.40    3777553.38        3.57119                       556569.40
3777553.38        3.69781
         556589.40    3777553.38        3.79041                       556609.40
3777553.38        3.84039
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556629.40    3777553.38        3.85727                       556649.40
3777553.38        3.84601
         556669.40    3777553.38        3.81065                       556689.40
3777553.38        3.78474
```

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         556709.40    3777553.38        3.78007                    556729.40
3777553.38        3.79390
         556749.40    3777553.38        3.82107                    556769.40
3777553.38        3.86993
         556789.40    3777553.38        3.92706                    556809.40
3777553.38        3.97314
         556829.40    3777553.38        4.01282                    556849.40
3777553.38        4.03227
         556869.40    3777553.38        4.03647                    556889.40
3777553.38        4.01776
         556909.40    3777553.38        3.96872                    556929.40
3777553.38        3.88960
         556949.40    3777553.38        3.76393                    556969.40
3777553.38        3.61946
         556989.40    3777553.38        3.45025                    557009.40
3777553.38        3.27498
         557029.40    3777553.38        3.09178                    557049.40
3777553.38        2.91541
         557069.40    3777553.38        2.74715                    557089.40
3777553.38        2.59113
         557109.40    3777553.38        2.45057                    557129.40
3777553.38        2.32965
         557149.40    3777553.38        2.22390                    557169.40
3777553.38        2.12941
         557189.40    3777553.38        2.04617                    557209.40
3777553.38        1.97298
         557229.40    3777553.38        1.90607                    557249.40
3777553.38        1.84592
         557269.40    3777553.38        1.79150                    557289.40
3777553.38        1.74118
         557309.40    3777553.38        1.69337                    557329.40
3777553.38        1.64773
         557349.40    3777553.38        1.60461                    557369.40
3777553.38        1.56245
         557389.40    3777553.38        1.51972                    557409.40
3777553.38        1.48007
         557429.40    3777553.38        1.44106                    557449.40
3777553.38        1.40355
         557469.40    3777553.38        1.36622                    557489.40
3777553.38        1.32822
         557438.91    3777336.71        2.31855                    556615.91
3777136.99        4.61643
         556586.37    3777056.16        2.26043                    556672.35
3776929.14        1.76314
         556692.35    3776929.14        1.93914                    556712.35
3776929.14        2.14464
         556732.35    3776929.14        2.39011                    556752.35
3776929.14        2.71323
         556772.35    3776929.14        3.14498                    556792.35
3776929.14        3.77335
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         556812.35    3776929.14        4.71399                      556832.35
3776929.14        6.02398
         556852.35    3776929.14        7.81927                      556672.35
3776949.14        1.91246
         556692.35    3776949.14        2.11495                      556712.35
3776949.14        2.35089
         556732.35    3776949.14        2.63429                      556752.35
3776949.14        2.99768
         556772.35    3776949.14        3.51015                      556792.35
3776949.14        4.27536
         556812.35    3776949.14        5.41909                      556832.35
3776949.14        7.05032
         556852.35    3776949.14        9.30447                      556672.35
3776969.14        2.08484
         556692.35    3776969.14        2.31677                      556712.35
3776969.14        2.59259
         556732.35    3776969.14        2.92497                      556752.35
3776969.14        3.35063
         556772.35    3776969.14        3.95297                      556792.35
3776969.14        4.87457
         556812.35    3776969.14        6.28446                      556832.35
3776969.14        8.37117
         556852.35    3776969.14       11.24730                      556672.35
3776989.14        2.28910
         556692.35    3776989.14        2.55291                      556712.35
3776989.14        2.87500
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         556732.35    3776989.14        3.26761                      556752.35
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3776989.14 3.77247
556772.35 3776989.14 4.48920 556792.35
3776989.14 5.61419
556812.35 3776989.14 7.38260 556832.35
3776989.14 10.08536
556852.35 3776989.14 13.84536 556672.35
3777009.14 2.53647
556692.35 3777009.14 2.83651 556712.35
3777009.14 3.21201
556732.35 3777009.14 3.67760 556752.35
3777009.14 4.28267
556772.35 3777009.14 5.14790 556792.35
3777009.14 6.53613
556812.35 3777009.14 8.80380 556832.35
3777009.14 12.37573
556852.35 3777009.14 17.40806 556672.35
3777029.14 2.84936
556692.35 3777029.14 3.18931 556712.35
3777029.14 3.62765
556732.35 3777029.14 4.17980 556752.35
3777029.14 4.91087
556772.35 3777029.14 5.96968 556792.35
3777029.14 7.71172
556812.35 3777029.14 10.69451 556832.35
3777029.14 15.58062
556852.35 3777029.14 22.44091 556672.35
3777049.14 3.25254
556692.35 3777049.14 3.64591 556712.35
3777049.14 4.15826
556732.35 3777049.14 4.81783 556752.35
3777049.14 5.70872
556772.35 3777049.14 7.02114 556792.35
3777049.14 9.24632
556812.35 3777049.14 13.31531 556832.35
3777049.14 20.22501
556852.35 3777049.14 29.83446 556927.54
3776959.53 20.92312
556947.54 3776959.53 21.37470 556967.54
3776959.53 20.44194
556987.54 3776959.53 18.56869 557007.54
3776959.53 16.29640
557027.54 3776959.53 14.07833 557047.54
3776959.53 12.17199
557067.54 3776959.53 10.65018 557087.54
3776959.53 9.47345
556927.54 3776979.53 24.71687 556947.54
3776979.53 24.45577
556967.54 3776979.53 22.62003 556987.54
3776979.53 19.94036
557007.54 3776979.53 17.12585 557027.54

3776979.53   14.63330
         557047.54   3776979.53   12.63252   557067.54
3776979.53   11.09904
         557087.54   3776979.53   9.92446   556927.54
3776999.53   29.24671
         556947.54   3776999.53   27.85636   556967.54
3776999.53   24.84264
         556987.54   3776999.53   21.27031   557007.54
3776999.53   17.95408
         557027.54   3776999.53   15.26171   557047.54
3776999.53   13.21220
         557067.54   3776999.53   11.66830   557087.54
3776999.53   10.46947
         556927.54   3777019.53   34.59220   556947.54
3777019.53   31.54841
         556967.54   3777019.53   27.07409   556987.54
3777019.53   22.58780
         557007.54   3777019.53   18.86000   557027.54
3777019.53   16.03855
         557047.54   3777019.53   13.95130   557067.54
3777019.53   12.36210
         557087.54   3777019.53   11.08728   556927.54
3777039.53   40.82431
         556947.54   3777039.53   35.46235   556967.54
3777039.53   29.31234
         556987.54   3777039.53   23.98077   557007.54
3777039.53   19.94999
         557027.54   3777039.53   17.02826   557047.54
3777039.53   14.85683

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

                                            *** 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

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 - - -
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         556309.05    3777012.85        0.75846                       556329.05
3777012.85        0.79809
         556209.05    3777032.85        0.64239                       556229.05
3777032.85        0.66728
         556249.05    3777032.85        0.69775                       556269.05
3777032.85        0.73083
         556289.05    3777032.85        0.76785                       556309.05
3777032.85        0.80643
         556209.05    3777052.85        0.68025                       556229.05
3777052.85        0.71121
         556249.05    3777052.85        0.74575                       556269.05
3777052.85        0.78249
         556289.05    3777052.85        0.81807                       556309.05
3777052.85        0.86113
         556249.05    3777072.85        0.79391                       556269.05
3777072.85        0.83488
         556289.05    3777072.85        0.87891                       556269.05
3777092.85        0.89301
         556441.69    3776927.49        0.80413                       556461.69
3776927.49        0.83541
         556481.69    3776927.49        0.86276                       556421.69
3776947.49        0.83355
         556441.69    3776947.49        0.86831                       556461.69
3776947.49        0.90785
         556481.69    3776947.49        0.94379                       556401.69
3776967.49        0.84579
         556421.69    3776967.49        0.89036                       556441.69
3776967.49        0.93325
         556461.69    3776967.49        0.97937                       556481.69
3776967.49        1.02980
         556401.69    3776987.49        0.89565                       556421.69
3776987.49        0.94523
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:32:11

                                PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL     ***
                                 INCLUDING SOURCE(S):     PAREA1      ,

                                       *** 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
556441.69	3776987.49	1.00002	556461.69	3776987.49	1.05675
556481.69	3776987.49	1.11871	556421.69	3777007.49	1.00398
556441.69	3777007.49	1.06423	556461.69	3777007.49	1.13144
556481.69	3777007.49	1.20689	556441.69	3777027.49	1.13675
556461.69	3777027.49	1.21000	556481.69	3777027.49	1.29762
556251.24	3777154.95	1.05624	556261.28	3777141.20	1.03705
556264.98	3777168.16	1.15167	556279.25	3777151.77	1.13561
556202.60	3777113.45	0.80814	556220.05	3777109.75	0.83446
556187.53	3777090.19	0.72602	556164.27	3777121.38	0.75562
557510.26	3776508.23	1.67250	557530.26	3776508.23	1.62460
557550.26	3776508.23	1.57802	557570.26	3776508.23	1.53249
557590.26	3776508.23	1.48832	557610.26	3776508.23	1.44548
557630.26	3776508.23	1.40304	557650.26	3776508.23	1.36165
557670.26	3776508.23	1.32074	557690.26	3776508.23	1.28066
557510.26	3776528.23	1.70546	557530.26	3776528.23	1.65498
557550.26	3776528.23	1.60613	557570.26	3776528.23	1.55776
557590.26	3776528.23	1.51149	557610.26	3776528.23	1.46630
557630.26	3776528.23	1.42220	557650.26	3776528.23	1.37916
557670.26	3776528.23	1.33644	557690.26	3776528.23	1.29530
557510.26	3776548.23	1.73707	557530.26	3776548.23	1.68498
557550.26	3776548.23	1.63214	557570.26	3776548.23	1.58142
557590.26	3776548.23	1.53337	557610.26	3776548.23	1.48609
557630.26	3776548.23	1.44017	557650.26		

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3776548.23        1.39566
         557670.26    3776548.23        1.35180                        557690.26
3776548.23        1.30961
         557510.26    3776568.23        1.76813                        557530.26
3776568.23        1.71318
         557550.26    3776568.23        1.65842                        557570.26
3776568.23        1.60494
         557590.26    3776568.23        1.55446                        557610.26
3776568.23        1.50524
         557630.26    3776568.23        1.45765                        557650.26
3776568.23        1.41187
         557670.26    3776568.23        1.36677                        557690.26
3776568.23        1.32330
         557510.26    3776588.23        1.79820                        557530.26
3776588.23        1.74116
         557550.26    3776588.23        1.68398                        557570.26
3776588.23        1.62778
         557590.26    3776588.23        1.57442                        557610.26
3776588.23        1.52347
         557630.26    3776588.23        1.47501                        557650.26
3776588.23        1.42772
         557670.26    3776588.23        1.38164                        557690.26
3776588.23        1.33723
         557510.26    3776608.23        1.82738                        557530.26
3776608.23        1.76793
         557550.26    3776608.23        1.70809                        557570.26
3776608.23        1.65011
         557590.26    3776608.23        1.59424                        557610.26
3776608.23        1.54171
         557630.26    3776608.23        1.49177                        557650.26
3776608.23        1.44310
         557670.26    3776608.23        1.39578                        557690.26
3776608.23        1.35023
         557510.26    3776628.23        1.85593                        557530.26
3776628.23        1.79326
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,

                                            *** 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
557550.26	3776628.23	1.73056	557570.26	3776628.23	1.67319
557590.26	3776628.23	1.61392	557610.26	3776628.23	1.55968
557630.26	3776628.23	1.50780	557650.26	3776628.23	1.45819
557670.26	3776628.23	1.40982	557690.26	3776628.23	1.36346
557510.26	3776648.23	1.88299	557530.26	3776648.23	1.81676
557550.26	3776648.23	1.75212	557570.26	3776648.23	1.68988
557590.26	3776648.23	1.63245	557610.26	3776648.23	1.57637
557630.26	3776648.23	1.52354	557650.26	3776648.23	1.47294
557670.26	3776648.23	1.42332	557690.26	3776648.23	1.37608
557510.26	3776668.23	1.90754	557530.26	3776668.23	1.83935
557550.26	3776668.23	1.77276	557570.26	3776668.23	1.70922
557590.26	3776668.23	1.65142	557610.26	3776668.23	1.59229
557630.26	3776668.23	1.53803	557650.26	3776668.23	1.48672
557670.26	3776668.23	1.43647	557690.26	3776668.23	1.38807
557510.26	3776688.23	1.93242	557530.26	3776688.23	1.86147
557550.26	3776688.23	1.79190	557570.26	3776688.23	1.72662
557590.26	3776688.23	1.66554	557610.26	3776688.23	1.60630
557630.26	3776688.23	1.55128	557650.26	3776688.23	1.49932
557670.26	3776688.23	1.44789	557690.26	3776688.23	1.39813
556172.49	3776517.81	0.19259	556192.49	3776517.81	0.19932
556212.49	3776517.81	0.20506	556232.49	3776517.81	0.21188

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         556252.49    3776517.81        0.21905                      556272.49
3776517.81        0.22734
         556292.49    3776517.81        0.23570                      556312.49
3776517.81        0.24400
         556332.49    3776517.81        0.25338                      556352.49
3776517.81        0.26211
         556372.49    3776517.81        0.26974                      556392.49
3776517.81        0.28065
         556412.49    3776517.81        0.29071                      556432.49
3776517.81        0.30057
         556452.49    3776517.81        0.31006                      556472.49
3776517.81        0.32210
         556492.49    3776517.81        0.33333                      556172.49
3776537.81        0.19703
         556192.49    3776537.81        0.20299                      556212.49
3776537.81        0.20969
         556232.49    3776537.81        0.21653                      556252.49
3776537.81        0.22390
         556272.49    3776537.81        0.23145                      556292.49
3776537.81        0.24103
         556312.49    3776537.81        0.25015                      556332.49
3776537.81        0.26009
         556352.49    3776537.81        0.26956                      556372.49
3776537.81        0.27829
         556392.49    3776537.81        0.28711                      556412.49
3776537.81        0.29883
         556432.49    3776537.81        0.31015                      556452.49
3776537.81        0.32023
         556472.49    3776537.81        0.33339                      556492.49
3776537.81        0.34614
         556332.49    3776557.81        0.26749                      556352.49
3776557.81        0.27643
         556372.49    3776557.81        0.28719                      556392.49
3776557.81        0.29708
         556412.49    3776557.81        0.30929                      556432.49
3776557.81        0.32061
         556452.49    3776557.81        0.33145                      556472.49
3776557.81        0.34480
↑ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:32:11

                                PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA1      ,
```

*** 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
556492.49	3776557.81	0.35925	556332.49	3776577.81	0.27380
556352.49	3776577.81	0.28494	556372.49	3776577.81	0.29599
556392.49	3776577.81	0.30777	556412.49	3776577.81	0.32016
556432.49	3776577.81	0.33155	556452.49	3776577.81	0.34412
556472.49	3776577.81	0.35831	556492.49	3776577.81	0.37295
556332.49	3776597.81	0.28176	556352.49	3776597.81	0.29314
556372.49	3776597.81	0.30482	556392.49	3776597.81	0.31603
556412.49	3776597.81	0.33036	556432.49	3776597.81	0.34283
556452.49	3776597.81	0.35500	556472.49	3776597.81	0.36968
556492.49	3776597.81	0.38711	556252.49	3776617.81	0.25008
556272.49	3776617.81	0.25786	556292.49	3776617.81	0.26718
556312.49	3776617.81	0.27797	556332.49	3776617.81	0.28814
556352.49	3776617.81	0.30151	556372.49	3776617.81	0.31482
556392.49	3776617.81	0.32734	556412.49	3776617.81	0.34177
556432.49	3776617.81	0.35477	556452.49	3776617.81	0.36986
556472.49	3776617.81	0.38285	556492.49	3776617.81	0.40169
556252.49	3776637.81	0.25878	556272.49	3776637.81	0.26765
556292.49	3776637.81	0.27544	556312.49	3776637.81	0.28519
556332.49	3776637.81	0.29757	556352.49	3776637.81	0.30984
556372.49	3776637.81	0.32424	556392.49		

3776637.81   0.33734
         556412.49   3776637.81   0.35221   556432.49
3776637.81   0.36724
         556452.49   3776637.81   0.38229   556472.49
3776637.81   0.39874
         556492.49   3776637.81   0.41687   556252.49
3776657.81   0.26987
         556272.49   3776657.81   0.27758   556292.49
3776657.81   0.28635
         556312.49   3776657.81   0.29372   556332.49
3776657.81   0.30659
         556352.49   3776657.81   0.31981   556372.49
3776657.81   0.33422
         556392.49   3776657.81   0.34731   556412.49
3776657.81   0.36272
         556432.49   3776657.81   0.37884   556452.49
3776657.81   0.39582
         556472.49   3776657.81   0.41336   556492.49
3776657.81   0.43301
         556252.49   3776677.81   0.28301   556272.49
3776677.81   0.28802
         556292.49   3776677.81   0.29599   556312.49
3776677.81   0.30557
         556332.49   3776677.81   0.31693   556352.49
3776677.81   0.33025
         556372.49   3776677.81   0.34420   556392.49
3776677.81   0.35836
         556412.49   3776677.81   0.37550   556432.49
3776677.81   0.39126
         556452.49   3776677.81   0.40916   556472.49
3776677.81   0.42909
         556492.49   3776677.81   0.45012   556252.49
3776697.81   0.29856
         556272.49   3776697.81   0.30281   556372.49
3776697.81   0.35572
         556392.49   3776697.81   0.36899   556412.49
3776697.81   0.38676
         556432.49   3776697.81   0.40427   556452.49
3776697.81   0.42274
         556472.49   3776697.81   0.44434   556492.49
3776697.81   0.46769

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** 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
556252.49	3776717.81	0.31422	556272.49	3776717.81	0.31976
556372.49	3776717.81	0.36885	556392.49	3776717.81	0.38143
556412.49	3776717.81	0.39974	556432.49	3776717.81	0.41802
556452.49	3776717.81	0.43763	556472.49	3776717.81	0.46307
556492.49	3776717.81	0.48588	556267.40	3776875.81	0.50625
556239.03	3776853.02	0.45781	556178.76	3776751.21	0.33360
556154.45	3776774.51	0.34342	556119.50	3776705.11	0.28256
556146.51	3777267.93	1.07613	556151.00	3777234.88	1.00838
556144.93	3777179.58	0.85412	556205.18	3777236.46	1.18781
556218.00	3777200.04	1.11046	556773.51	3777349.00	17.65972

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** 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)
556521.71	3777341.57	266.25845	(23050706)	556539.90	3777344.94	272.37264	(23050706)
556591.78	3777345.39	351.23595	(19042706)	556630.62	3777349.66	397.40690	(19011708)
556684.29	3777349.43	492.18651	(20071506)	556905.58	3777351.19	508.40429	(18020118)
556920.93	3777350.82	479.31239	(23121818)	556942.87	3777350.09	438.00915	(20090303)
556996.26	3777348.26	301.18766	(18121418)	557096.81	3777357.77	199.42548	(18072521)
557115.83	3777363.62	184.99893	(18072521)	557129.36	3777361.43	178.63089	(18072521)
557230.65	3777363.99	134.54954	(19011119)	556466.22	3776816.07	182.37640	(23092301)
556407.87	3776826.19	160.07772	(19011501)	556381.07	3776807.14	148.72361	(19122922)
556404.29	3776771.52	152.18623	(23092301)	556465.21	3776739.51	164.82302	(20111219)
556396.10	3776739.93	146.67064	(23092301)	556323.99	3777265.43	149.04772	(19042702)
556330.60	3777233.99	152.30240	(19042703)	556321.08	3777200.43	151.75671	(21050906)
556275.11	3777267.81	131.73763	(19042702)	556278.28	3777233.46	133.74958	(19042703)
556509.40	3777373.38	239.98379	(19042706)	556529.40	3777373.38	263.29469	(19042706)
556549.40	3777373.38	281.72252	(19042706)	556569.40	3777373.38	292.16544	(19042706)
556589.40	3777373.38	314.64153	(19011708)	556609.40	3777373.38	339.42082	(19011708)
556629.40	3777373.38	356.91051	(20071403)	556649.40	3777373.38	382.00749	(19051806)
556669.40	3777373.38	436.03628	(20071506)	556689.40	3777373.38	480.39793	(20071506)
556709.40	3777373.38	485.90489	(19050406)	556729.40	3777373.38	517.18591	(20032007)
556749.40	3777373.38	519.66154	(20032007)	556769.40	3777373.38	436.60015	(21091601)
556789.40	3777373.38	417.47326	(23122119)	556809.40	3777373.38	434.43723	(18020218)
556829.40	3777373.38	442.74184	(18020218)	556849.40	3777373.38	459.04090	(18100203)
556869.40	3777373.38	455.15283	(19121218)	556889.40			

3777373.38   448.43065 (23121718)
        556909.40   3777373.38   429.53833 (18020118)   556929.40
3777373.38   405.74045 (23121818)
        556949.40   3777373.38   378.91247 (20090303)   556969.40
3777373.38   333.56694 (20090303)
        556989.40   3777373.38   271.33652 (20090303)   557009.40
3777373.38   254.63604 (18121418)
        557029.40   3777373.38   236.55306 (18121418)   557049.40
3777373.38   213.33104 (18121418)
        557069.40   3777373.38   194.66800 (21121917)   557089.40
3777373.38   186.46905 (21121917)
        557109.40   3777373.38   179.97147 (18072521)   557129.40
3777373.38   172.09162 (18072521)
        557149.40   3777373.38   162.59939 (18072521)   557169.40
3777373.38   154.03215 (19091806)
        557189.40   3777373.38   146.00973 (19091806)   557209.40
3777373.38   137.86740 (18091806)
        557229.40   3777373.38   131.89990 (19011119)   557249.40
3777373.38   125.77344 (19011119)
        557269.40   3777373.38   119.30344 (19011119)   557289.40
3777373.38   112.85298 (19011119)
        557309.40   3777373.38   106.45444 (19011119)   557329.40
3777373.38   100.01675 (19011119)
        557349.40   3777373.38   94.51035 (20091219)   557369.40
3777373.38   90.01277 (23120318)
        557389.40   3777373.38   86.93828 (23120318)   557409.40
3777373.38   83.81821 (23120318)
        557429.40   3777373.38   80.66906 (23120318)   557449.40
3777373.38   77.60155 (23120318)
        557469.40   3777373.38   74.56631 (23120318)   557489.40
3777373.38   71.45272 (23120318)
        556509.40   3777393.38   239.27829 (19042706)   556529.40
3777393.38   249.97625 (19042706)
        556549.40   3777393.38   257.17606 (21070703)   556569.40
3777393.38   281.56885 (19011708)
        556589.40   3777393.38   297.36699 (19011708)   556609.40
3777393.38   313.42696 (20071403)

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

*** 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)
556629.40	3777393.38	333.45082	(19051806)	556649.40	3777393.38	375.25791	(20071506)
556669.40	3777393.38	414.42211	(20071506)	556689.40	3777393.38	422.54564	(19050406)
556709.40	3777393.38	432.25959	(21091102)	556729.40	3777393.38	461.04944	(20032007)
556749.40	3777393.38	423.64978	(20032007)	556769.40	3777393.38	352.99251	(19042806)
556789.40	3777393.38	370.38597	(23122119)	556809.40	3777393.38	382.13939	(18020218)
556829.40	3777393.38	383.33600	(23091404)	556849.40	3777393.38	398.85021	(18100203)
556869.40	3777393.38	396.43236	(19121218)	556889.40	3777393.38	394.73476	(23121718)
556909.40	3777393.38	371.50043	(21091302)	556929.40	3777393.38	365.43126	(18020118)
556949.40	3777393.38	340.00120	(23120518)	556969.40	3777393.38	316.34620	(20090303)
556989.40	3777393.38	273.23366	(20090303)	557009.40	3777393.38	227.84549	(18121418)
557029.40	3777393.38	219.57628	(18121418)	557049.40	3777393.38	205.08657	(18121418)
557069.40	3777393.38	186.73854	(18121418)	557089.40	3777393.38	170.68360	(23091405)
557109.40	3777393.38	163.86095	(21121917)	557129.40	3777393.38	157.39938	(18072521)
557149.40	3777393.38	152.49700	(18072521)	557169.40	3777393.38	145.83727	(18072521)
557189.40	3777393.38	138.18091	(18072521)	557209.40	3777393.38	132.07296	(19091806)
557229.40	3777393.38	125.80410	(19091806)	557249.40	3777393.38	119.35806	(18091806)
557269.40	3777393.38	114.57205	(19011119)	557289.40	3777393.38	109.93130	(19011119)
557309.40	3777393.38	104.92257	(19011119)	557329.40	3777393.38	99.96945	(19011119)
557349.40	3777393.38	94.86905	(19011119)	557369.40	3777393.38	89.87521	(19011119)
557389.40	3777393.38	84.93508	(20091219)	557409.40	3777393.38	80.88333	(20091219)

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        557429.40   3777393.38       77.44608  (23120318)                557449.40
3777393.38       75.13543  (23120318)
        557469.40   3777393.38       72.68460  (23120318)                557489.40
3777393.38       70.19293  (23120318)
        556509.40   3777413.38      221.53454  (19042706)                556529.40
3777413.38      234.75809  (19011708)
        556549.40   3777413.38      253.37893  (19011708)                556569.40
3777413.38      262.62246  (19011708)
        556589.40   3777413.38      278.22657  (20071403)                556609.40
3777413.38      294.35519  (19051806)
        556629.40   3777413.38      327.69333  (20071506)                556649.40
3777413.38      362.44754  (20071506)
        556669.40   3777413.38      371.01905  (19050406)                556689.40
3777413.38      373.98527  (21091102)
        556709.40   3777413.38      403.22814  (20032007)                556729.40
3777413.38      396.11367  (20032007)
        556749.40   3777413.38      337.10853  (21091601)                556769.40
3777413.38      314.71719  (19042806)
        556789.40   3777413.38      330.13041  (23122119)                556809.40
3777413.38      339.49242  (18020218)
        556829.40   3777413.38      338.80380  (23091404)                556849.40
3777413.38      351.27184  (18100203)
        556869.40   3777413.38      350.19551  (19121218)                556889.40
3777413.38      349.02210  (23121718)
        556909.40   3777413.38      334.17917  (21091302)                556929.40
3777413.38      328.93554  (18020118)
        556949.40   3777413.38      309.32488  (23121818)                556969.40
3777413.38      292.84362  (20090303)
        556989.40   3777413.38      265.82925  (20090303)                557009.40
3777413.38      226.64624  (20090303)
        557029.40   3777413.38      198.92060  (18121418)                557049.40
3777413.38      191.96106  (18121418)
        557069.40   3777413.38      180.23517  (18121418)                557089.40
3777413.38      165.43269  (18121418)
        557109.40   3777413.38      152.35322  (23091405)                557129.40
3777413.38      144.96616  (21121917)
        557149.40   3777413.38      139.68855  (21121917)                557169.40
3777413.38      135.69082  (18072521)
        557189.40   3777413.38      131.24725  (18072521)                557209.40
3777413.38      125.81090  (18072521)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   PAREA1   ,

                                          *** 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)
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3777433.38      267.21169  (23120518)
        556989.40   3777433.38      252.31740  (20090303)                557009.40
3777433.38      225.42401  (20090303)
        557029.40   3777433.38      190.29782  (20090303)                557049.40
3777433.38      175.98100  (18121418)
        557069.40   3777433.38      169.93101  (18121418)                557089.40
3777433.38      160.18733  (18121418)
        557109.40   3777433.38      148.05456  (18121418)                557129.40
3777433.38      136.94646  (23091405)
        557149.40   3777433.38      129.45889  (21121917)                557169.40
3777433.38      125.59239  (21121917)
        557189.40   3777433.38      121.39767  (18072521)                557209.40
3777433.38      118.54266  (18072521)
        557229.40   3777433.38      114.50616  (18072521)                557249.40
3777433.38      109.89902  (18072521)
        557269.40   3777433.38      105.07511  (19091806)                557289.40
3777433.38      101.28523  (19091806)
        557309.40   3777433.38       97.22320  (19091806)                557329.40
3777433.38       93.02308  (18091806)
        557349.40   3777433.38       89.48090  (19011119)                557369.40
3777433.38       86.70406  (19011119)
        557389.40   3777433.38       83.81370  (19011119)                557409.40
3777433.38       80.65686  (19011119)
        557429.40   3777433.38       77.19899  (19011119)                557449.40
3777433.38       73.85843  (19011119)
        557469.40   3777433.38       70.51962  (19011119)                557489.40
3777433.38       67.17904  (19011119)
        556509.40   3777453.38      206.84324  (19011708)                556529.40
3777453.38      212.27747  (20071403)
        556549.40   3777453.38      224.41099  (20071403)                556569.40
3777453.38      236.09691  (19051806)
        556589.40   3777453.38      257.54614  (20071506)                556609.40
3777453.38      285.39700  (20071506)
        556629.40   3777453.38      295.51427  (20071506)                556649.40
3777453.38      296.75873  (19050406)
        556669.40   3777453.38      305.03123  (21091102)                556689.40
3777453.38      325.63015  (20032007)
        556709.40   3777453.38      315.01138  (20032007)                556729.40
3777453.38      271.47463  (20032007)
        556749.40   3777453.38      248.92668  (19042806)                556769.40
3777453.38      257.11077  (23122119)
        556789.40   3777453.38      265.37684  (23122119)                556809.40
3777453.38      273.71122  (18020218)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:32:11
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556829.40   3777453.38      272.52917  (23091404)               556849.40
3777453.38      280.77401  (18100203)
        556869.40   3777453.38      278.93486  (19121218)               556889.40
3777453.38      276.54228  (21011317)
        556909.40   3777453.38      275.65916  (23121718)               556929.40
3777453.38      261.15365  (23092604)
        556949.40   3777453.38      260.81791  (18020118)               556969.40
3777453.38      246.28713  (19011606)
        556989.40   3777453.38      235.28324  (20090303)               557009.40
3777453.38      218.17291  (20090303)
        557029.40   3777453.38      191.94892  (20090303)               557049.40
3777453.38      164.06761  (19011420)
        557069.40   3777453.38      157.02347  (18121418)               557089.40
3777453.38      151.82501  (18121418)
        557109.40   3777453.38      143.72422  (18121418)               557129.40
3777453.38      133.50618  (18121418)
        557149.40   3777453.38      124.18352  (23091405)               557169.40
3777453.38      116.16380  (21121917)
        557189.40   3777453.38      113.64518  (21121917)               557209.40
3777453.38      109.93384  (21121917)
        557229.40   3777453.38      107.27305  (18072521)               557249.40
3777453.38      104.63584  (18072521)
        557269.40   3777453.38      101.12845  (18072521)               557289.40
3777453.38       97.08495  (18072521)
        557309.40   3777453.38       93.39014  (19091806)               557329.40
3777453.38       90.25063  (19091806)
        557349.40   3777453.38       86.83367  (19091806)               557369.40
3777453.38       83.29790  (18091806)
        557389.40   3777453.38       80.35311  (19011119)               557409.40
3777453.38       78.23487  (19011119)
        557429.40   3777453.38       75.74514  (19011119)               557449.40
3777453.38       73.13039  (19011119)
        557469.40   3777453.38       70.36754  (19011119)               557489.40
3777453.38       67.53713  (19011119)
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        556509.40   3777473.38      194.33341  (20071403)               556529.40
3777473.38      203.47958  (20071403)
        556549.40   3777473.38      213.83602  (19051806)               556569.40
3777473.38      231.27909  (20071506)
        556589.40   3777473.38      256.19772  (20071506)               556609.40
3777473.38      266.93861  (20071506)
        556629.40   3777473.38      269.23537  (19050406)               556649.40
3777473.38      272.31445  (21091102)
        556669.40   3777473.38      290.12240  (20032007)               556689.40
3777473.38      293.22461  (20032007)
        556709.40   3777473.38      268.09691  (20032007)               556729.40
3777473.38      223.25035  (21091601)
        556749.40   3777473.38      227.30209  (19042806)               556769.40
3777473.38      236.35880  (23122119)
        556789.40   3777473.38      239.16168  (23122119)               556809.40
3777473.38      248.08747  (18020218)
        556829.40   3777473.38      247.10218  (23091404)               556849.40
3777473.38      254.12620  (18100203)
        556869.40   3777473.38      251.61375  (23090506)               556889.40
3777473.38      251.52915  (18120604)
        556909.40   3777473.38      252.05051  (23121718)               556929.40
3777473.38      241.03262  (21091302)
        556949.40   3777473.38      238.28211  (18020118)               556969.40
3777473.38      228.61082  (23121818)
        556989.40   3777473.38      217.49925  (23120518)               557009.40
3777473.38      208.05258  (20090303)
        557029.40   3777473.38      189.71024  (20090303)               557049.40
3777473.38      165.18786  (20090303)
        557069.40   3777473.38      146.06765  (19011420)               557089.40
3777473.38      141.37805  (18121418)
        557109.40   3777473.38      136.87558  (18121418)               557129.40
3777473.38      129.88145  (18121418)
        557149.40   3777473.38      121.34596  (18121418)               557169.40
3777473.38      113.14164  (23091405)
        557189.40   3777473.38      106.18185  (23091405)               557209.40
3777473.38      103.35245  (21121917)
        557229.40   3777473.38      100.55526  (21121917)               557249.40
3777473.38       97.53208  (18072521)
        557269.40   3777473.38       95.69240  (18072521)               557289.40
3777473.38       93.16143  (18072521)
        557309.40   3777473.38       90.11526  (18072521)               557329.40
3777473.38       86.68633  (18072521)
        557349.40   3777473.38       83.77480  (19091806)               557369.40
3777473.38       81.12785  (19091806)
        557389.40   3777473.38       78.21100  (19091806)               557409.40
3777473.38       75.36795  (18091806)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** 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)
557429.40	3777473.38	72.69846	(19011119)	557449.40	3777473.38	70.96429	(19011119)
557469.40	3777473.38	68.90602	(19011119)	557489.40	3777473.38	66.69647	(19011119)
556509.40	3777493.38	185.83636	(20071403)	556529.40	3777493.38	195.25591	(19051806)
556549.40	3777493.38	209.21624	(20071506)	556569.40	3777493.38	231.34039	(20071506)
556589.40	3777493.38	242.36286	(20071506)	556609.40	3777493.38	244.97525	(19050406)
556629.40	3777493.38	242.96137	(19072301)	556649.40	3777493.38	256.94363	(20032007)
556669.40	3777493.38	269.35375	(20032007)	556689.40	3777493.38	258.00713	(20032007)
556709.40	3777493.38	224.22932	(20032007)	556729.40	3777493.38	203.11022	(21111319)
556749.40	3777493.38	207.53884	(19011519)	556769.40	3777493.38	217.50203	(23122119)
556789.40	3777493.38	218.83571	(18020218)	556809.40	3777493.38	225.92987	(18020218)
556829.40	3777493.38	225.52331	(23091404)	556849.40	3777493.38	231.26409	(18100203)
556869.40	3777493.38	229.59969	(18100203)	556889.40	3777493.38	230.49813	(19121218)
556909.40	3777493.38	230.72557	(23121718)	556929.40	3777493.38	221.99625	(21091302)
556949.40	3777493.38	216.42199	(18020118)	556969.40	3777493.38	213.73202	(18020118)
556989.40	3777493.38	202.87993	(19011606)	557009.40	3777493.38	195.20861	(20090303)
557029.40	3777493.38	183.89124	(20090303)	557049.40			

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3777493.38      165.51744  (20090303)
        557069.40   3777493.38      143.18937  (20090303)                557089.40
3777493.38      130.88835  (19011420)
        557109.40   3777493.38      128.27808  (18121418)                557129.40
3777493.38      124.22872  (18121418)
        557149.40   3777493.38      118.29171  (18121418)                557169.40
3777493.38      110.88389  (18121418)
        557189.40   3777493.38      103.72078  (23091405)                557209.40
3777493.38       97.94462  (23091405)
        557229.40   3777493.38       94.36035  (21121917)                557249.40
3777493.38       92.37808  (21121917)
        557269.40   3777493.38       89.61990  (21121917)                557289.40
3777493.38       87.74721  (18072521)
        557309.40   3777493.38       85.96404  (18072521)                557329.40
3777493.38       83.68006  (18072521)
        557349.40   3777493.38       80.98433  (18072521)                557369.40
3777493.38       77.96864  (18072521)
        557389.40   3777493.38       75.75480  (19091806)                557409.40
3777493.38       73.50241  (19091806)
        557429.40   3777493.38       70.95163  (19091806)                557449.40
3777493.38       68.53297  (18091806)
        557469.40   3777493.38       66.22616  (19011119)                557489.40
3777493.38       64.70469  (19011119)
        556509.40   3777513.38      179.04188  (19051806)                556529.40
3777513.38      190.38827  (20071506)
        556549.40   3777513.38      210.42482  (20071506)                556569.40
3777513.38      221.78281  (20071506)
        556589.40   3777513.38      224.05912  (19050406)                556609.40
3777513.38      221.24838  (19050406)
        556629.40   3777513.38      230.63265  (21091102)                556649.40
3777513.38      245.11063  (20032007)
        556669.40   3777513.38      243.98214  (20032007)                556689.40
3777513.38      222.64081  (20032007)
        556709.40   3777513.38      188.04541  (21091601)                556729.40
3777513.38      188.39567  (19042806)
        556749.40   3777513.38      192.16789  (21091902)                556769.40
3777513.38      200.48670  (23122119)
        556789.40   3777513.38      202.68719  (18020218)                556809.40
3777513.38      206.90669  (18020218)
        556829.40   3777513.38      206.97597  (23091404)                556849.40
3777513.38      211.71657  (18100203)
        556869.40   3777513.38      211.06245  (18100203)                556889.40
3777513.38      212.17553  (19121218)
        556909.40   3777513.38      211.31103  (23121718)                556929.40
3777513.38      206.01940  (23121718)
        556949.40   3777513.38      197.65400  (23092604)                556969.40
3777513.38      198.47566  (18020118)
        556989.40   3777513.38      190.17938  (23121818)                557009.40
3777513.38      181.99359  (23120518)
 *** AERMOD - VERSION 23132  ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA1   ,

                                          *** 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)
 - - -

556589.40 3777533.38 205.34033 (19050406) 556609.40
3777533.38 209.71158 (21091102)
556629.40 3777533.38 221.33394 (20032007) 556649.40
3777533.38 227.28874 (20032007)
556669.40 3777533.38 215.98134 (20032007) 556689.40
3777533.38 189.01579 (20032007)
556709.40 3777533.38 170.02235 (18091702) 556729.40
3777533.38 174.81612 (19042806)
556749.40 3777533.38 179.69671 (23122119) 556769.40
3777533.38 184.96962 (23122119)
556789.40 3777533.38 188.23962 (18020218) 556809.40
3777533.38 190.34902 (18020218)
556829.40 3777533.38 191.05565 (23091404) 556849.40
3777533.38 194.83500 (18100203)
556869.40 3777533.38 194.85581 (18100203) 556889.40
3777533.38 195.84487 (19121218)
556909.40 3777533.38 194.09339 (23121718) 556929.40
3777533.38 192.29321 (23121718)
556949.40 3777533.38 184.82279 (21091302) 556969.40
3777533.38 183.08619 (18020118)
556989.40 3777533.38 179.05079 (18020118) 557009.40
3777533.38 170.97895 (19011606)
557029.40 3777533.38 165.12523 (20090303) 557049.40
3777533.38 157.52882 (20090303)
557069.40 3777533.38 144.38841 (20090303) 557089.40
3777533.38 127.69163 (20090303)
557109.40 3777533.38 114.51632 (19011420) 557129.40
3777533.38 108.87426 (18121418)
557149.40 3777533.38 107.48137 (18121418) 557169.40
3777533.38 104.25239 (18121418)
557189.40 3777533.38 99.70291 (18121418) 557209.40
3777533.38 94.21287 (18121418)
557229.40 3777533.38 88.48442 (23091405) 557249.40
3777533.38 84.33420 (23091405)
557269.40 3777533.38 79.61271 (21121917) 557289.40
3777533.38 78.70325 (21121917)
557309.40 3777533.38 77.14732 (21121917) 557329.40
3777533.38 75.03780 (21121917)
557349.40 3777533.38 73.59178 (18072521) 557369.40
3777533.38 72.40223 (18072521)
557389.40 3777533.38 70.78114 (18072521) 557409.40
3777533.38 68.91745 (18072521)
557429.40 3777533.38 66.77265 (18072521) 557449.40
3777533.38 64.62867 (19091806)
557469.40 3777533.38 63.08435 (19091806) 557489.40
3777533.38 61.37524 (19091806)
556509.40 3777553.38 176.96342 (20071506) 556529.40
3777553.38 187.33416 (20071506)
556549.40 3777553.38 189.20390 (20071506) 556569.40
3777553.38 190.89480 (19050406)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** 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)
556629.40	3777553.38	209.90650	(20032007)	556649.40	3777553.38	206.56719	(20032007)
556669.40	3777553.38	188.28597	(20032007)	556689.40	3777553.38	160.94758	(21091601)
556709.40	3777553.38	158.96652	(21111319)	556729.40	3777553.38	162.08083	(19011519)
556749.40	3777553.38	168.19129	(23122119)	556769.40	3777553.38	170.80607	(23122119)
556789.40	3777553.38	175.14555	(18020218)	556809.40	3777553.38	175.81568	(18020218)
556829.40	3777553.38	176.98240	(23091404)	556849.40	3777553.38	180.18597	(18100203)
556869.40	3777553.38	180.73885	(18100203)	556889.40	3777553.38	181.31906	(19121218)
556909.40	3777553.38	178.89122	(21011317)	556929.40	3777553.38	179.70913	(23121718)
556949.40	3777553.38	172.78040	(21091302)	556969.40	3777553.38	168.24706	(18020118)
556989.40	3777553.38	168.08303	(18020118)	557009.40	3777553.38	161.40023	(23121818)
557029.40	3777553.38	154.75196	(23120518)	557049.40	3777553.38	150.33842	(20090303)
557069.40	3777553.38	141.42247	(20090303)	557089.40	3777553.38	128.33569	(20090303)
557109.40	3777553.38	112.77258	(20090303)	557129.40			

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3777553.38      104.54899  (19011420)
        557149.40   3777553.38      100.46967  (18121418)                557169.40
3777553.38       99.05874  (18121418)
        557189.40   3777553.38       96.20583  (18121418)                557209.40
3777553.38       92.23236  (18121418)
        557229.40   3777553.38       87.31915  (18121418)                557249.40
3777553.38       82.22540  (23091405)
        557269.40   3777553.38       78.62591  (23091405)                557289.40
3777553.38       74.54729  (23091405)
        557309.40   3777553.38       72.95323  (21121917)                557329.40
3777553.38       71.82181  (21121917)
        557349.40   3777553.38       70.18952  (21121917)                557369.40
3777553.38       68.24193  (18072521)
        557389.40   3777553.38       67.41743  (18072521)                557409.40
3777553.38       66.28247  (18072521)
        557429.40   3777553.38       64.79996  (18072521)                557449.40
3777553.38       63.08874  (18072521)
        557469.40   3777553.38       61.16433  (18072521)                557489.40
3777553.38       59.36840  (19091806)
        557438.91   3777336.71       79.66301  (23120318)                556615.91
3777136.99      451.03658  (21101420)
        556586.37   3777056.16      335.05516  (21090821)                556672.35
3776929.14      298.92666  (19020324)
        556692.35   3776929.14      298.92550  (20012218)                556712.35
3776929.14      313.22104  (20090403)
        556732.35   3776929.14      345.12835  (20050906)                556752.35
3776929.14      389.92626  (20050906)
        556772.35   3776929.14      386.15774  (20050906)                556792.35
3776929.14      357.21564  (23080706)
        556812.35   3776929.14      356.55926  (20092605)                556832.35
3776929.14      359.78808  (18071003)
        556852.35   3776929.14      349.45099  (23101918)                556672.35
3776949.14      319.16914  (18102919)
        556692.35   3776949.14      334.36553  (19020324)                556712.35
3776949.14      338.99253  (20090403)
        556732.35   3776949.14      354.86805  (20081521)                556752.35
3776949.14      418.97557  (20050906)
        556772.35   3776949.14      434.45751  (20050906)                556792.35
3776949.14      392.42181  (19072803)
        556812.35   3776949.14      395.72889  (20092605)                556832.35
3776949.14      398.18460  (18071003)
        556852.35   3776949.14      386.88490  (23101918)                556672.35
3776969.14      351.97594  (21010719)
        556692.35   3776969.14      364.41025  (19020324)                556712.35
3776969.14      372.36316  (19020324)
        556732.35   3776969.14      387.28698  (20090403)                556752.35
3776969.14      444.87968  (20050906)
        556772.35   3776969.14      486.54516  (20050906)                556792.35
3776969.14      452.97692  (20050906)
        556812.35   3776969.14      441.24474  (20092605)                556832.35
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3776969.14   444.20478 (18071003)
        556852.35   3776969.14   431.69523 (23101918)   556672.35
3776989.14   376.13101 (20111219)
        556692.35   3776989.14   401.18837 (18102919)   556712.35
3776989.14   419.94552 (19020324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA1   ,

                                          *** 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)
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        556772.35   3777029.14      642.71303  (20050906)              556792.35
3777029.14      717.89047  (20050906)
        556812.35   3777029.14      648.28712  (23080706)              556832.35
3777029.14      651.18677  (18071003)
        556852.35   3777029.14      641.06795  (23012120)              556672.35
3777049.14      473.64842  (19011501)
        556692.35   3777049.14      518.49316  (23092301)              556712.35
3777049.14      567.14843  (18123020)
        556732.35   3777049.14      619.86554  (21010719)              556752.35
3777049.14      658.06151  (19020324)
        556772.35   3777049.14      678.46250  (20050906)              556792.35
3777049.14      829.75012  (20050906)
        556812.35   3777049.14      787.87751  (20050906)              556832.35
3777049.14      758.69048  (18071003)
        556852.35   3777049.14      750.56012  (23012120)              556927.54
3776959.53      391.33669  (19102619)
        556947.54   3776959.53      374.34551  (21091324)              556967.54
3776959.53      369.59251  (21091306)
        556987.54   3776959.53      342.36010  (19111120)              557007.54
3776959.53      296.48537  (19111120)
        557027.54   3776959.53      233.84709  (19111120)              557047.54
3776959.53      169.81096  (19111120)
        557067.54   3776959.53      128.64385  (19062905)              557087.54
3776959.53      121.96099  (19062905)
        556927.54   3776979.53      436.26910  (19102619)              556947.54
3776979.53      418.66572  (21091306)
        556967.54   3776979.53      400.67787  (23082405)              556987.54
3776979.53      355.58930  (19111120)
        557007.54   3776979.53      285.51701  (19111120)              557027.54
3776979.53      208.26758  (19111120)
        557047.54   3776979.53      146.10496  (19062905)              557067.54
3776979.53      137.74426  (19062905)
        557087.54   3776979.53      128.01823  (19062905)              556927.54
3776999.53      479.70509  (19102619)
        556947.54   3776999.53      471.86997  (21091306)              556967.54
3776999.53      427.81338  (19111120)
        556987.54   3776999.53      352.58149  (19111120)              557007.54
3776999.53      259.39919  (19111120)
        557027.54   3776999.53      173.96092  (23111604)              557047.54
3776999.53      157.45240  (19062905)
        557067.54   3776999.53      145.78673  (21011318)              557087.54
3776999.53      137.97263  (21011318)
        556927.54   3777019.53      548.96518  (21091306)              556947.54
3777019.53      517.99126  (23082405)
        556967.54   3777019.53      440.34623  (19111120)              556987.54
3777019.53      328.84043  (19111120)
        557007.54   3777019.53      218.93226  (23111604)              557027.54
3777019.53      182.62955  (19062905)
        557047.54   3777019.53      168.51602  (21011318)              557067.54
3777019.53      157.79404  (21011318)
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        557067.54   3777039.53   184.50499 (19020203)   557087.54
3777039.53   177.46504 (19020203)
        557047.54   3777059.53   221.54737 (19020203)   557067.54
3777059.53   209.04652 (19020203)
        557087.54   3777059.53   195.16024 (19020203)   556919.02
3777174.93   1339.11245 (20120918)
        556939.02   3777174.93   949.89247 (19120324)   556919.02
3777194.93   1645.29543 (21123006)
        556939.02   3777194.93   1136.06255 (21123006)   556919.02
3777214.93   1451.20632 (23120318)
        556939.02   3777214.93   1070.65652 (23120318)   556919.02
3777234.93   1172.71211 (19091806)
        556939.02   3777234.93   947.59163 (19011119)   556919.02
3777254.93   894.17266 (18121418)
        556939.02   3777254.93   777.10989 (18072521)   557023.57
3777171.57   394.38525 (19120324)
        557043.57   3777171.57   343.59150 (19120324)   557063.57
3777171.57   302.87503 (19120324)
        557083.57   3777171.57   270.05433 (19120324)   557023.57

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3777191.57      443.51475  (21123006)
        557043.57   3777191.57      381.36325  (21123006)              557063.57
3777191.57      332.84732  (21123006)
        557083.57   3777191.57      294.32604  (21123006)              557023.57
3777211.57      439.22007  (20091524)
        557043.57   3777211.57      380.32866  (21123006)              557063.57
3777211.57      334.11857  (21123006)
        557083.57   3777211.57      296.01934  (21123006)              557023.57
3777231.57      428.75015  (23120318)
        557043.57   3777231.57      365.28600  (23120318)              557063.57
3777231.57      320.12949  (20092606)
        557083.57   3777231.57      285.27690  (20092606)              557023.57
3777251.57      413.57795  (23120318)
        557043.57   3777251.57      365.66570  (23120318)              557063.57
3777251.57      323.62581  (23120318)
        557083.57   3777251.57      284.52736  (23120318)              556249.05
3776972.85      122.43062  (23092902)
        556269.05   3776972.85      126.28496  (23092902)              556229.05
3776992.85      117.75310  (21122219)
        556249.05   3776992.85      125.68476  (23092902)              556269.05
3776992.85      131.32841  (23092902)
        556289.05   3776992.85      137.37418  (23092902)              556309.05
3776992.85      142.26189  (23092902)
        556329.05   3776992.85      149.11786  (23110417)              556209.05
3777012.85      109.03591  (21101420)
        556229.05   3777012.85      119.75933  (21101420)              556249.05
3777012.85      124.43879  (21122219)
        556269.05   3777012.85      131.15234  (21122219)              556289.05
3777012.85      137.58975  (21122219)
        556309.05   3777012.85      145.98339  (23092902)              556329.05
3777012.85      153.02953  (23092902)
        556209.05   3777032.85      110.20442  (21101420)              556229.05
3777032.85      121.66870  (21101420)
        556249.05   3777032.85      127.85983  (21101420)              556269.05
3777032.85      133.75531  (21101420)
        556289.05   3777032.85      138.40937  (21101420)              556309.05
3777032.85      144.11460  (21101420)
        556209.05   3777052.85      110.52134  (19072302)              556229.05
3777052.85      115.38989  (19072302)
        556249.05   3777052.85      120.45826  (19072302)              556269.05
3777052.85      125.81362  (21101420)
        556289.05   3777052.85      139.42750  (21101420)              556309.05
3777052.85      146.85498  (21101420)
        556249.05   3777072.85      120.45713  (20122619)              556269.05
3777072.85      126.30624  (20122619)
        556289.05   3777072.85      132.85563  (19072302)              556269.05
3777092.85      129.32766  (18100202)
        556441.69   3776927.49      202.83844  (20011220)              556461.69
3776927.49      210.78065  (20011220)
        556481.69   3776927.49      224.43960  (20073101)              556421.69
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3776947.49   198.39248 (21120418)
        556441.69   3776947.49   210.59333 (21120418)   556461.69
3776947.49   217.54514 (18071905)
        556481.69   3776947.49   229.45366 (20011220)   556401.69
3776967.49   182.08779 (19013019)
        556421.69   3776967.49   196.16029 (23090204)   556441.69
3776967.49   212.98459 (21090821)
        556461.69   3776967.49   226.93655 (21120418)   556481.69
3776967.49   236.56567 (21120418)
        556401.69   3776987.49   191.89037 (19013019)   556421.69
3776987.49   201.43348 (19013019)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

                                            *** 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)
 -
- -
        556441.69   3776987.49   206.28622 (23090204)   556461.69
3776987.49   224.13560 (21090821)
        556481.69   3776987.49   241.06072 (21090821)   556421.69
3777007.49   204.04756 (19013019)
        556441.69   3777007.49   219.21813 (19013019)   556461.69
3777007.49   230.17411 (19013019)
        556481.69   3777007.49   236.07500 (23090204)   556441.69
3777027.49   215.50602 (21091006)
        556461.69   3777027.49   233.60916 (21091006)   556481.69
3777027.49   249.79272 (19013019)
        556251.24   3777154.95   132.38579 (19011408)   556261.28
3777141.20   134.27205 (19011408)
        556264.98   3777168.16   134.91294 (19011408)   556279.25
3777151.77   141.51332 (19011408)
        556202.60   3777113.45   116.24387 (19081106)   556220.05
3777109.75   119.28867 (19081106)

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        556187.53   3777090.19      108.98324  (18100202)                556164.27
3777121.38      108.65914  (19081106)
        557510.26   3776508.23       43.97183  (19062905)                557530.26
3776508.23       43.44185  (19062905)
        557550.26   3776508.23       42.52123  (19062905)                557570.26
3776508.23       41.27901  (19062905)
        557590.26   3776508.23       39.90258  (19062905)                557610.26
3776508.23       38.44558  (19062905)
        557630.26   3776508.23       36.71370  (19062905)                557650.26
3776508.23       35.22438  (21011318)
        557670.26   3776508.23       35.34254  (21011318)                557690.26
3776508.23       35.13767  (21011318)
        557510.26   3776528.23       44.70118  (19062905)                557530.26
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        557550.26   3776528.23       42.43816  (19062905)                557570.26
3776528.23       40.80740  (19062905)
        557590.26   3776528.23       39.19148  (19062905)                557610.26
3776528.23       37.42440  (19062905)
        557630.26   3776528.23       36.29109  (21011318)                557650.26
3776528.23       36.47667  (21011318)
        557670.26   3776528.23       36.18594  (21011318)                557690.26
3776528.23       35.77039  (21011318)
        557510.26   3776548.23       44.76505  (19062905)                557530.26
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        557550.26   3776548.23       41.69279  (19062905)                557570.26
3776548.23       39.79777  (19062905)
        557590.26   3776548.23       38.01312  (19062905)                557610.26
3776548.23       37.17131  (21011318)
        557630.26   3776548.23       37.22300  (21011318)                557650.26
3776548.23       37.09217  (21011318)
        557670.26   3776548.23       36.58422  (21011318)                557690.26
3776548.23       35.97040  (21011318)
        557510.26   3776568.23       44.36493  (19062905)                557530.26
3776568.23       42.77423  (19062905)
        557550.26   3776568.23       40.75634  (19062905)                557570.26
3776568.23       38.57213  (19062905)
        557590.26   3776568.23       38.03253  (21011318)                557610.26
3776568.23       37.91295  (21011318)
        557630.26   3776568.23       37.61368  (21011318)                557650.26
3776568.23       37.26798  (21011318)
        557670.26   3776568.23       36.48839  (21011318)                557690.26
3776568.23       35.56916  (21011318)
        557510.26   3776588.23       43.51186  (19062905)                557530.26
3776588.23       41.71263  (19062905)
        557550.26   3776588.23       39.48610  (19062905)                557570.26
3776588.23       38.91355  (21011318)
        557590.26   3776588.23       38.51702  (21011318)                557610.26
3776588.23       38.05077  (21011318)
        557630.26   3776588.23       37.63095  (21011318)                557650.26
3776588.23       36.96102  (21011318)
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        557670.26   3776588.23       36.07340  (21011318)               557690.26
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        557510.26   3776608.23       42.26128  (19062905)               557530.26
3776608.23       40.41177  (21011318)
        557550.26   3776608.23       40.07602  (21011318)               557570.26
3776608.23       39.42678  (21011318)
        557590.26   3776608.23       38.57595  (21011318)               557610.26
3776608.23       37.81033  (21011318)
        557630.26   3776608.23       37.13544  (21011318)               557650.26
3776608.23       36.22466  (21011318)
        557670.26   3776608.23       35.10714  (21011318)               557690.26
3776608.23       33.87816  (21011318)
        557510.26   3776628.23       41.27976  (21011318)               557530.26
3776628.23       41.04880  (21011318)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        557550.26   3776628.23       40.20957  (21011318)               557570.26
3776628.23       39.69144  (21011318)
        557590.26   3776628.23       38.22096  (21011318)               557610.26
3776628.23       37.20714  (21011318)
        557630.26   3776628.23       36.20230  (21011318)               557650.26
3776628.23       35.20516  (21011318)
        557670.26   3776628.23       33.94443  (21011318)               557690.26
3776628.23       32.63351  (21011318)
        557510.26   3776648.23       41.71580  (21011318)               557530.26
3776648.23       40.90294  (21011318)
        557550.26   3776648.23       39.75723  (21011318)               557570.26
3776648.23       38.39366  (21011318)
        557590.26   3776648.23       37.36576  (21011318)               557610.26
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3776648.23 36.09497 (21011318)
557630.26 3776648.23 34.98818 (21011318) 557650.26
3776648.23 33.87410 (21011318)
557670.26 3776648.23 32.50078 (23102404) 557690.26
3776648.23 32.33527 (19020203)
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3776668.23 40.22461 (21011318)
557550.26 3776668.23 38.82651 (21011318) 557570.26
3776668.23 37.36101 (21011318)
557590.26 3776668.23 36.37452 (21011318) 557610.26
3776668.23 34.65742 (21011318)
557630.26 3776668.23 33.38287 (21011318) 557650.26
3776668.23 33.26675 (19020203)
557670.26 3776668.23 33.69188 (19020203) 557690.26
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557510.26 3776688.23 40.61262 (21011318) 557530.26
3776688.23 39.20144 (21011318)
557550.26 3776688.23 37.48742 (21011318) 557570.26
3776688.23 35.88019 (21011318)
557590.26 3776688.23 34.46304 (21011318) 557610.26
3776688.23 33.94655 (19020203)
557630.26 3776688.23 34.33347 (19020203) 557650.26
3776688.23 34.79228 (19020203)
557670.26 3776688.23 34.94722 (19020203) 557690.26
3776688.23 34.81736 (19020203)
556172.49 3776517.81 90.58200 (23092301) 556192.49
3776517.81 92.18886 (20111119)
556212.49 3776517.81 92.93009 (18123020) 556232.49
3776517.81 96.98434 (18123020)
556252.49 3776517.81 97.67698 (18123020) 556272.49
3776517.81 101.66681 (20111219)
556292.49 3776517.81 102.39824 (20111219) 556312.49
3776517.81 105.50214 (21010719)
556332.49 3776517.81 107.41171 (18102919) 556352.49
3776517.81 107.37532 (18102919)
556372.49 3776517.81 104.65389 (19020324) 556392.49
3776517.81 112.30260 (19020324)
556412.49 3776517.81 114.93955 (19020324) 556432.49
3776517.81 111.60627 (19020324)
556452.49 3776517.81 110.54108 (23111719) 556472.49
3776517.81 109.25019 (20102506)
556492.49 3776517.81 114.95264 (20090403) 556172.49
3776537.81 91.31229 (23092301)
556192.49 3776537.81 94.04045 (23092301) 556212.49
3776537.81 95.97845 (20111119)
556232.49 3776537.81 96.85802 (18123020) 556252.49
3776537.81 100.86454 (18123020)
556272.49 3776537.81 101.84691 (20111219) 556292.49
3776537.81 105.81990 (20111219)
556312.49 3776537.81 105.91922 (20111219) 556332.49

3776537.81   109.74869 (21010719)
        556352.49   3776537.81   111.84671 (18102919)   556372.49
3776537.81   110.53149 (18102919)
        556392.49   3776537.81   111.71407 (19020324)   556412.49
3776537.81   118.16680 (19020324)
        556432.49   3776537.81   118.69954 (19020324)   556452.49
3776537.81   115.00686 (23111719)
        556472.49   3776537.81   113.02081 (23111719)   556492.49
3776537.81   115.94553 (20090403)
        556332.49   3776557.81   110.77600 (21010719)   556352.49
3776557.81   114.30750 (21010719)
        556372.49   3776557.81   116.30130 (18102919)   556392.49
3776557.81   113.49896 (20012518)
        556412.49   3776557.81   118.52398 (19020324)   556432.49
3776557.81   123.48279 (19020324)
        556452.49   3776557.81   121.80488 (19020324)   556472.49
3776557.81   119.20423 (23111719)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA1   ,

                                          *** 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)
 -
- -
        556492.49   3776557.81   117.48324 (20102506)   556332.49
3776577.81   114.45708 (20111219)
        556352.49   3776577.81   116.30711 (21010719)   556372.49
3776577.81   119.08297 (18102919)
        556392.49   3776577.81   120.57525 (18102919)   556412.49
3776577.81   117.28534 (20012518)
        556432.49   3776577.81   125.59967 (19020324)   556452.49
3776577.81   128.47150 (19020324)
        556472.49   3776577.81   123.85317 (19020324)   556492.49
3776577.81   122.53127 (23111719)

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        556332.49   3776597.81      116.12156  (20111219)              556352.49
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        556372.49   3776597.81      121.99333  (21010719)              556392.49
3776597.81      124.99314  (18102919)
        556412.49   3776597.81      124.75140  (18102919)              556432.49
3776597.81      124.78921  (19020324)
        556452.49   3776597.81      132.69870  (19020324)              556472.49
3776597.81      132.90369  (19020324)
        556492.49   3776597.81      128.73423  (23111719)              556252.49
3776617.81      106.09324  (23092301)
        556272.49   3776617.81      109.84916  (23092301)              556292.49
3776617.81      112.30807  (20111119)
        556312.49   3776617.81      114.75247  (18123020)              556332.49
3776617.81      118.37505  (18123020)
        556352.49   3776617.81      121.67452  (20111219)              556372.49
3776617.81      123.76042  (20111219)
        556392.49   3776617.81      127.81912  (21010719)              556412.49
3776617.81      130.46662  (18102919)
        556432.49   3776617.81      128.86273  (18102919)              556452.49
3776617.81      133.28899  (19020324)
        556472.49   3776617.81      139.26654  (19020324)              556492.49
3776617.81      136.21420  (19020324)
        556252.49   3776637.81      106.41551  (19011501)              556272.49
3776637.81      110.24148  (23092301)
        556292.49   3776637.81      114.54263  (23092301)              556312.49
3776637.81      117.30440  (20111119)
        556332.49   3776637.81      120.10145  (18123020)              556352.49
3776637.81      123.25443  (18123020)
        556372.49   3776637.81      127.38327  (20111219)              556392.49
3776637.81      129.13029  (20111219)
        556412.49   3776637.81      133.89366  (21010719)              556432.49
3776637.81      136.51879  (18102919)
        556452.49   3776637.81      133.20327  (20012518)              556472.49
3776637.81      142.04711  (19020324)
        556492.49   3776637.81      144.97481  (19020324)              556252.49
3776657.81      110.68600  (19011501)
        556272.49   3776657.81      111.01011  (19011501)              556292.49
3776657.81      114.99352  (23092301)
        556312.49   3776657.81      119.99923  (23092301)              556332.49
3776657.81      122.24866  (20111119)
        556352.49   3776657.81      125.75506  (18123020)              556372.49
3776657.81      128.41610  (18123020)
        556392.49   3776657.81      134.11705  (20111219)              556412.49
3776657.81      136.16835  (21010719)
        556432.49   3776657.81      140.39943  (18102919)              556452.49
3776657.81      142.52823  (18102919)
        556472.49   3776657.81      141.42431  (19020324)              556492.49
3776657.81      150.43016  (19020324)
        556252.49   3776677.81      110.91024  (19011501)              556272.49
3776677.81      115.95805  (19011501)
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        556292.49   3776677.81      116.82503  (19011501)               556312.49
3776677.81      120.68785  (23092301)
        556332.49   3776677.81      125.07519  (23092301)               556352.49
3776677.81      127.69576  (20111119)
        556372.49   3776677.81      132.03015  (18123020)               556392.49
3776677.81      134.82138  (18123020)
        556412.49   3776677.81      140.69528  (20111219)               556432.49
3776677.81      144.17789  (21010719)
        556452.49   3776677.81      148.39334  (18102919)               556472.49
3776677.81      148.32213  (18102919)
        556492.49   3776677.81      151.96459  (19020324)               556252.49
3776697.81      109.24214  (19122922)
        556272.49   3776697.81      115.76960  (19011501)               556372.49
3776697.81      134.00372  (20111119)
        556392.49   3776697.81      139.59987  (18123020)               556412.49
3776697.81      142.54040  (20111219)
        556432.49   3776697.81      148.48998  (20111219)               556452.49
3776697.81      152.71684  (21010719)
        556472.49   3776697.81      156.52586  (18102919)               556492.49
3776697.81      153.82520  (18102919)
 *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:32:11

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        556252.49   3776717.81      115.29453  (21102119)               556272.49
3776717.81      114.63112  (19122922)
        556372.49   3776717.81      137.64957  (23092301)               556392.49
3776717.81      141.83768  (20111119)
        556412.49   3776717.81      147.09075  (18123020)               556432.49
3776717.81      151.39693  (20111219)
        556452.49   3776717.81      156.60272  (20111219)               556472.49
```

                                       *** THE SUMMARY OF MAXIMUM PERIOD (43824
HRS) RESULTS ***

                                    ** CONC OF TOG   IN MICROGRAMS/M**3
             **

                      NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

ALL   1ST HIGHEST VALUE IS   142.02680 AT (556919.02, 3777174.93,   975.11,
  975.11,   0.00) DC
          2ND HIGHEST VALUE IS   132.88185 AT (556919.02, 3777194.93,   975.13,
  975.13,   0.00) DC
          3RD HIGHEST VALUE IS   97.15420 AT (556919.02, 3777214.93,   974.11,
  974.83,   0.00) DC
          4TH HIGHEST VALUE IS   85.78986 AT (556939.02, 3777174.93,   975.07,
  975.07,   0.00) DC
          5TH HIGHEST VALUE IS   80.59450 AT (556939.02, 3777194.93,   975.02,
  975.02,   0.00) DC
          6TH HIGHEST VALUE IS   67.14427 AT (556919.02, 3777234.93,   974.22,
  974.22,   0.00) DC
          7TH HIGHEST VALUE IS   66.10769 AT (556939.02, 3777214.93,   974.76,
  974.76,   0.00) DC

```
         8TH HIGHEST VALUE IS      50.36060 AT (  556939.02,  3777234.93,   974.60,
  974.60,    0.00)  DC
         9TH HIGHEST VALUE IS      46.53688 AT (  556919.02,  3777254.93,   973.97,
  974.65,    0.00)  DC
        10TH HIGHEST VALUE IS      40.82431 AT (  556927.54,  3777039.53,   977.10,
  977.10,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                   ** CONC OF TOG      IN MICROGRAMS/M**3
             **

                                                      DATE
                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS    1645.29543  ON 21123006: AT (  556919.02,
3777194.93,   975.13,   975.13,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 23132  ***   ***
C:\Lakes\Yucca_Walmart_Fuel\Yucca_Walmart_Fuel_Construction\Yucca_Wa ***
01/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:32:11

                                 PAGE  46
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of         2103 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          918 Calm Hours Identified

 A Total of         1185 Missing Hours Identified (  2.70 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      70       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187      70       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   35065       CHKDAT: Record Out of Sequence in Meteorological File at:
 23010101
 MX W450   35065       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

Construction Rates

Schedule

					Construction Vehicles						
				Work	Trips/Day		Total Trips		Miles/Trip		Weighted
Year	Phase	Start	End	Days	Vendor	Hauling	Vendor	Hauling	Vendor	Hauling	Trip length
2025	Demolition	11/11/2025	11/17/2025	5	0	119	0	595	10.2	20	
2025	Site Preparation	11/18/2025	11/26/2025	7	0	6.29	0	44	10.2	20	
2025	Grading	11/27/2025	11/28/2025	2	0	31	0	62	10.2	20	
2025	Building	11/29/2025	3/3/2026	67	4	0	268	0	10.2	20	
2026	Paving	3/4/2026	3/20/2026	13	0	0	0	0	10.2	20	
2026	Architectural Coating	3/21/2026	4/17/2026	20	0	0	0	0	10.2	20	
					4	*156.29*	*268*	*701*	*10.2*	*20*	*17.3*

PM_{10} Exhaust

On-Site Construction PM_{10} Exhaust (tons/yr)

Year	Phase	Days	Unmitigated	Unmitigated
2025	Demolition	5	1.42E-03	7.11E-03
2025	Site Preparation	7	1.97E-03	1.38E-02
2025	Grading	2	6.43E-04	1.29E-03
2025	Building	24	3.87E-03	9.28E-02
2026	Building	43	6.48E-03	2.79E-01
2026	Paving	13	1.19E-03	1.54E-02
2026	Architectural Coating	20	2.32E-04	4.63E-03
	Total	**114**		3.63E-03
			On-Site Weighted (g/s):	*0.00100292*

Off-Site Construction PM_{10} Exhaust (tons/yr)

Year	Phase	Unmitigated	Unmitigated
2025	Demolition	3.94E-04	1.97E-03
2025	Site Prepar	2.91E-05	2.04E-04
2025	Grading	4.10E-05	8.20E-05
2025	Building	1.35E-06	3.24E-05
2026	Building	2.54E-06	1.09E-04
2026	Paving	0.00E+00	0.00E+00
2026	Architectur	0.00E+00	0.00E+00
			2.10E-05
		g/s:	0.000006

*total days exclude overlap

PM_{10} Exhaust Off-Site

	Unmitigated g/s	g/s per mile	Weighted g/s
Off-Site	0.000006	3.3621E-07	3.36E-07

Construction Route		Length (meters)	Length (Miles)	Unmitigated Emission Rate (g/sec)	AERMOD Unitized Rate (g/s)
SLINE2	Construction Trucks In	188.4	0.12	3.94E-08	0.455732946
SLINE3	Construction Trucks Out	225	0.14	4.70E-08	0.544267054
			0.26	8.64E-08	1

Operational Emissions Rates

On-Site Truck and TRU

	Speed (mph)	Trips (veh/day)	Truck (g/mi)	TRU (g/hr)	Length (meters)	Length (mi)	Truck (g/day)	TRU (g/day)	Emission Rate (g/sec)
On-Site Travel	15	2	0.013928916	0	509.8	0.316774936	0.008824663	0	1.02137E-07

	Speed (mph)	Trips (veh/day)	Truck (g/trip)	TRU (g/hr)	Duration (hr/veh)		Truck (g/day)	TRU (g/day)	Emission Rate (g/sec)
On-Site Idle	Idle	1	0.001816642	0	0.25		0.000454161	0	5.25649E-09

Off-Site (AERMOD Source Group) Truck+TRU	(mph)	(veh/day)	Truck (g/mi)	TRU (g/hr)	(meters)	(mi)	Truck (g/day)	TRU (g/day)	Total (g/sec)	AERMOD Unitized Rate (g/sec)
29 Palms Highway	55	2	0.019923858	0	127.8	0.079411214	0.003164356	0	3.66245E-08	1

Source: Emissions rates from CARB EMFAC2021 and CARB OFFROAD.

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 Emission Rate (lbs/hr)	Benzene Emission Rate (g/s)
	5,000,000				
Fueling (Non-ORVR Vehicles)		0.42	2,100.0	0.000719178	9.06E-05
Fueling (ORVR Vehicles)		0.021	105.0	3.59589E-05	4.53E-06
Loading (Bulk Transfer Losses)		0.15	750.0	0.000256849	3.24E-05
Breathing (Pressure Driven Losses)		0.024	120.0	4.10959E-05	5.18E-06
Hose Permeation (Gasoline Hose Losses)		0.009	45.0	1.5411E-05	1.94E-06
Total Transfer and Pressure Losses			*3,120.0*	*0.001068493*	*1.35E-04*
Fueling - Spillage		0.24	1,200.0	0.001369863	1.73E-04
Total Transfer/Pressure and Spillage			**4,320.0**	**0.002438356**	**3.07E-04**

11.8 additional daily ROG emissions (lbs/day)

Source: CAPCOA and CARB, Gasoline Service Station Industrywide Risk Assessment Technical Guidance, Table 7, September 2021.

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)

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Sub-Area
Region: San Bernardino (MD)
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consun

	Idle (g/trip)	15 mph (g/mi)	55 mph (g/mi)
Weighted Rates	0.001816642	0.013928916	0.019923858

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
San Bernar	2026	HHDT	Aggregate	Aggregate	Diesel	13602.3	2771005.673	284510.6973	0.043848843	596.445
San Bernar	2026	HHDT	Aggregate	Aggregate	Electricity	127.8697	22710.61538	2649.56932	0	0
San Bernar	2026	HHDT	Aggregate	Aggregate	Gasoline	1.899684	174.3616545	38.00887198	0	0
San Bernar	2026	HHDT	Aggregate	Aggregate	Natural Ga	37.04411	2570.082115	423.1566809	0.048193113	1.785271
San Bernar	2026	LHDT2	Aggregate	Aggregate	Diesel	4658.884	175787.53	58602.90018	0.027553284	128.3676
San Bernar	2026	LHDT2	Aggregate	Aggregate	Electricity	48.36806	3176.476456	641.6201589	0	0
San Bernar	2026	LHDT2	Aggregate	Aggregate	Gasoline	1661.455	61116.2607	24753.20342	0	0
San Bernar	2026	MHDT	Aggregate	Aggregate	Diesel	2842.733	163441.0013	37908.74562	0.017614371	50.07296
San Bernar	2026	MHDT	Aggregate	Aggregate	Electricity	52.39361	4021.365345	774.8201403	0	0
San Bernar	2026	MHDT	Aggregate	Aggregate	Gasoline	866.6573	63825.99852	17340.07842	0	0
San Bernar	2026	MHDT	Aggregate	Aggregate	Natural Ga	9.76282	441.6160368	50.08326724	0.030132396	0.294177

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Bernar	2026	HHDT	Aggregate	15	Diesel	232.0893	0.007537672	1.74941343
San Bernar	2026	HHDT	Aggregate	15	Electricity	1.900446	0	0
San Bernar	2026	HHDT	Aggregate	15	Gasoline	0.030711	0.005984865	0.000183803
San Bernar	2026	HHDT	Aggregate	15	Natural Ga	0.269885	0.005670421	0.001530363
San Bernar	2026	LHDT2	Aggregate	15	Diesel	42.84877	0.062486125	2.677453641
San Bernar	2026	LHDT2	Aggregate	15	Electricity	0.933399	0	0
San Bernar	2026	LHDT2	Aggregate	15	Gasoline	25.27137	0.001963899	0.049630424
San Bernar	2026	MHDT	Aggregate	15	Diesel	56.23507	0.014959442	0.841245314
San Bernar	2026	MHDT	Aggregate	15	Electricity	1.513583	0	0
San Bernar	2026	MHDT	Aggregate	15	Gasoline	26.3815	0.002995322	0.079021081
San Bernar	2026	MHDT	Aggregate	15	Natural Ga	0.134592	0.003643348	0.000490365

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
San Bernar	2026	HHDT	Aggregate	55	Diesel	103798.6	0.022402751	2325.374972
San Bernar	2026	HHDT	Aggregate	55	Electricity	849.1682	0	0
San Bernar	2026	HHDT	Aggregate	55	Gasoline	6.817565	0.002010155	0.013704362
San Bernar	2026	HHDT	Aggregate	55	Natural Ga	98.13166	0.001320559	0.129588684
San Bernar	2026	LHDT2	Aggregate	55	Diesel	10350.32	0.019779817	204.727485
San Bernar	2026	LHDT2	Aggregate	55	Electricity	189.8768	0	0
San Bernar	2026	LHDT2	Aggregate	55	Gasoline	3784.104	0.000842045	3.186384798
San Bernar	2026	MHDT	Aggregate	55	Diesel	8203.367	0.008452438	69.33845252
San Bernar	2026	MHDT	Aggregate	55	Electricity	203.9031	0	0
San Bernar	2026	MHDT	Aggregate	55	Gasoline	3258.968	0.000781073	2.545492832
San Bernar	2026	MHDT	Aggregate	55	Natural Ga	21.25181	0.00085467	0.018163281

Construction Risk

	On-Site	Off-Site
Emissions Rate (g/s):	0.0010029	8.64E-08

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s		Unmitigated			Residential Dose					Risk by Age Group					
X, Y	On-Site	Off-Site	On-Site	Off-Site	Total	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 556521.71, 3777341.57	0.73981	1.03857	0.000742	8.97E-08	0.00074	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	7.8E-08	0.0E+00	0.0E+00	0.0E+00	8.6E-08
2 556539.9, 3777344.94	0.79104	1.10326	0.0007934	9.528E-08	0.00079	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	8.3E-08	0.0E+00	0.0E+00	0.0E+00	9.2E-08
3 556591.78, 3777345.39	0.98192	1.35473	0.0009848	1.17E-07	0.00098	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
4 556630.62, 3777349.66	1.09489	1.49706	0.0010981	1.293E-07	0.0011	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
5 556684.29, 3777349.43	1.27698	1.7924	0.0012807	1.548E-07	0.00128	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.5E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
6 556905.58, 3777351.19	1.11229	3.24671	0.0011155	2.804E-07	0.00112	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
7 556920.93, 3777350.82	1.03347	2.96155	0.0010365	2.558E-07	0.00104	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
8 556942.87, 3777350.09	0.91879	2.41967	0.0009215	2.09E-07	0.00092	3.2E-07	9.6E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	9.7E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
9 556996.26, 3777348.26	0.66671	1.2038	0.0006687	1.04E-07	0.00067	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
10 557096.81, 3777357.77	0.34646	0.40762	0.0003475	3.52E-08	0.00035	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
11 557115.83, 3777363.62	0.30511	0.34637	0.000306	2.991E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
12 557129.36, 3777361.43	0.28636	0.31712	0.0002872	2.739E-08	0.00029	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
13 557230.65, 3777363.99	0.17367	0.17355	0.0001742	1.499E-08	0.00017	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
14 556466.22, 3776816.07	0.09703	0.11577	9.731E-05	9.998E-09	9.7E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
15 556407.87, 3776826.19	0.08521	0.09852	8.546E-05	8.509E-09	8.5E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	9.9E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
16 556381.07, 3776807.14	0.07539	0.0856	7.561E-05	7.393E-09	7.6E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	8.7E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
17 556404.29, 3776771.52	0.07189	0.08247	7.21E-05	7.122E-09	7.2E-05	2.5E-08	7.5E-08	4.4E-08	4.0E-08	1.8E-08	8.3E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
18 556465.21, 3776739.51	0.07655	0.08946	7.677E-05	7.726E-09	7.7E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	8.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
19 556396.1, 3776739.93	0.06463	0.07371	6.482E-05	6.366E-09	6.5E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
20 556323.99, 3777265.43	0.27053	0.37735	0.0002713	3.259E-08	0.00027	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
21 556330.6, 3777233.99	0.2522	0.36814	0.0002529	3.179E-08	0.00025	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
22 556321.08, 3777200.43	0.21169	0.31384	0.0002123	2.71E-08	0.00021	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
23 556275.11, 3777267.81	0.21834	0.29279	0.000219	2.529E-08	0.00022	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
24 556278.28, 3777233.46	0.19872	0.2767	0.0001993	2.39E-08	0.0002	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
25 556509.4, 3777373.38	0.61023	0.80962	0.000612	6.992E-08	0.00061	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
26 556529.4, 3777373.38	0.65561	0.87345	0.0006575	7.543E-08	0.00066	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
27 556549.4, 3777373.38	0.70225	0.93849	0.0007043	8.105E-08	0.0007	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	8.1E-09	7.4E-08	0.0E+00	0.0E+00	0.0E+00	8.2E-08
28 556569.4, 3777373.38	0.74979	1.00511	0.000752	8.681E-08	0.00075	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	8.7E-09	7.9E-08	0.0E+00	0.0E+00	0.0E+00	8.7E-08
29 556589.4, 3777373.38	0.79696	1.07269	0.0007993	9.264E-08	0.0008	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	8.4E-08	0.0E+00	0.0E+00	0.0E+00	9.3E-08
30 556609.4, 3777373.38	0.84369	1.14314	0.0008462	9.873E-08	0.00085	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.8E-09	8.9E-08	0.0E+00	0.0E+00	0.0E+00	9.8E-08
31 556629.4, 3777373.38	0.88842	1.21586	0.000891	1.05E-07	0.00089	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.3E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
32 556649.4, 3777373.38	0.93047	1.29201	0.0009332	1.116E-07	0.00093	3.2E-07	9.8E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
33 556669.4, 3777373.38	0.96754	1.37012	0.0009704	1.183E-07	0.00097	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
34 556689.4, 3777373.38	0.99773	1.45027	0.0010006	1.253E-07	0.001	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.2E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
35 556709.4, 3777373.38	1.01965	1.53389	0.0010226	1.325E-07	0.00102	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
36 556729.4, 3777373.38	1.03318	1.62267	0.0010362	1.401E-07	0.00104	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
37 556749.4, 3777373.38	1.04006	1.71659	0.0010431	1.483E-07	0.00104	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
38 556769.4, 3777373.38	1.04456	1.82175	0.0010476	1.573E-07	0.00105	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
39 556789.4, 3777373.38	1.04793	1.93138	0.001051	1.668E-07	0.00105	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
40 556809.4, 3777373.38	1.04878	2.03439	0.0010518	1.757E-07	0.00105	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
41 556829.4, 3777373.38	1.04287	2.12104	0.0010459	1.832E-07	0.00105	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
42 556849.4, 3777373.38	1.02419	2.17123	0.0010272	1.875E-07	0.00103	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
43 556869.4, 3777373.38	0.98853	2.16099	0.0009914	1.866E-07	0.00099	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
44 556889.4, 3777373.38	0.93618	2.08132	0.0009389	1.798E-07	0.00094	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
45 556909.4, 3777373.38	0.8706	1.92794	0.0008731	1.665E-07	0.00087	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	9.1E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
46 556929.4, 3777373.38	0.79735	1.71576	0.0007997	1.482E-07	0.0008	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	8.4E-08	0.0E+00	0.0E+00	0.0E+00	9.3E-08
47 556949.4, 3777373.38	0.72203	1.46904	0.0007241	1.269E-07	0.00072	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
48 556969.4, 3777373.38	0.64907	1.22017	0.000651	1.054E-07	0.00065	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
49 556989.4, 3777373.38	0.58127	0.99834	0.000583	8.622E-08	0.00058	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
50 557009.4, 3777373.38	0.51998	0.81661	0.0005215	7.053E-08	0.00052	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
51 557029.4, 3777373.38	0.46542	0.67357	0.0004668	5.817E-08	0.00047	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
52 557049.4, 3777373.38	0.41717	0.56213	0.0004184	4.855E-08	0.00042	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
53 557069.4, 3777373.38	0.37453	0.47491	0.0003756	4.102E-08	0.00038	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
54 557089.4, 3777373.38	0.33685	0.40588	0.0003378	3.505E-08	0.00034	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
55 557109.4, 3777373.38	0.30353	0.35055	0.0003044	3.027E-08	0.0003	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
56 557129.4, 3777373.38	0.27407	0.30562	0.0002749	2.639E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
57 557149.4, 3777373.38	0.24803	0.26869	0.0002488	2.321E-08	0.00025	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
58 557169.4, 3777373.38	0.22503	0.23801	0.0002257	2.056E-08	0.00023	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
59 557189.4, 3777373.38	0.20471	0.21227	0.0002053	1.833E-08	0.00021	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
60 557209.4, 3777373.38	0.18674	0.19046	0.0001873	1.645E-08	0.00019	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
61 557229.4, 3777373.38	0.17082	0.17183	0.0001713	1.484E-08	0.00017	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
62 557249.4, 3777373.38	0.1567	0.1558	0.0001572	1.346E-08	0.00016	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
63 557269.4, 3777373.38	0.14415	0.14192	0.0001446	1.226E-08	0.00014	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
64 557289.4, 3777373.38	0.13298	0.12983	0.0001334	1.121E-08	0.00013	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
65 557309.4, 3777373.38	0.12301	0.11924	0.0001234	1.03E-08	0.00012	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
66 557329.4, 3777373.38	0.11407	0.1099	0.0001144	9.491E-09	0.00011	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
67 557349.4, 3777373.38	0.10606	0.10164	0.0001064	8.778E-09	0.00011	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
68 557369.4, 3777373.38	0.09883	0.0943	9.912E-05	8.144E-09	9.9E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
69 557389.4, 3777373.38	0.09231	0.08774	9.258E-05	7.578E-09	9.3E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.1E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
70 557409.4, 3777373.38	0.0864	0.08186	8.665E-05	7.07E-09	8.7E-05	3.0E-08	9.1E-08	5.2E-08	4.8E-08	2.2E-08	1.0E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
71 557429.4, 3777373.38	0.08103	0.07656	8.127E-05	6.612E-09	8.1E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	9.4E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
72 557449.4, 3777373.38	0.07616	0.07179	7.638E-05	6.2E-09	7.6E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	8.8E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
73 557469.4, 3777373.38	0.07171	0.06746	7.192E-05	5.826E-09	7.2E-05	2.5E-08	7.5E-08	4.4E-08	3.9E-08	1.8E-08	8.3E-10	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
74 557489.4, 3777373.38	0.06762	0.06352	6.782E-05	5.486E-09	6.8E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	7.8E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
75 556509.4, 3777393.38	0.55144	0.7197	0.0005531	6.216E-08	0.00055	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	6.4E-09	5.8E-08	0.0E+00	0.0E+00	0.0E+00	6.4E-08
76 556529.4, 3777393.38	0.58578	0.76941	0.0005875	6.645E-08	0.00059	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	6.2E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
77 556549.4, 3777393.38	0.62014	0.81991	0.000622	7.081E-08	0.00062	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	7.2E-09	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.2E-08
78 556569.4, 3777393.38	0.65425	0.87157	0.0006562	7.527E-08	0.00066	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
79 556589.4, 3777393.38	0.68713	0.92381	0.0006891	7.978E-08	0.00069	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
80 556609.4, 3777393.38	0.719	0.9781	0.0007211	8.447E-08	0.00072	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	8.3E-09	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
81 556629.4, 3777393.38	0.74871	1.03361	0.0007509	8.927E-08	0.00075	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.7E-09	7.9E-08	0.0E+00	0.0E+00	0.0E+00	8.7E-08
82 556649.4, 3777393.38	0.77606	1.09181	0.0007783	9.429E-08	0.00078	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	9.0E-09	8.2E-08	0.0E+00	0.0E+00	0.0E+00	9.1E-08
83 556669.4, 3777393.38	0.79912	1.15094	0.0008015	9.94E-08	0.0008	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	9.3E-09	8.4E-08	0.0E+00	0.0E+00	0.0E+00	9.3E-08
84 556689.4, 3777393.38	0.81659	1.21071	0.000819	1.046E-07	0.00082	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.0E-07	9.5E-09	8.6E-08	0.0E+00	0.0E+00	0.0E+00	9.5E-08
85 556709.4, 3777393.38	0.82774	1.27004	0.0008302	1.097E-07	0.00083	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	9.6E-09	8.7E-08	0.0E+00	0.0E+00	0.0E+00	9.7E-08
86 556729.4, 3777393.38	0.83406	1.33066	0.0008365	1.149E-07	0.00084	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	8.8E-08	0.0E+00	0.0E+00	0.0E+00	9.7E-08
87 556749.4, 3777393.38	0.83718	1.38957	0.0008396	1.2E-07	0.00084	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	8.8E-08	0.0E+00	0.0E+00	0.0E+00	9.8E-08
88 556769.4, 3777393.38	0.84002	1.44955	0.0008425	1.252E-07	0.00084	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	8.8E-08	0.0E+00	0.0E+00	0.0E+00	9.8E-08
89 556789.4, 3777393.38	0.84293	1.50471	0.0008454	1.3E-07	0.00085	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.8E-09	8.9E-08	0.0E+00	0.0E+00	0.0E+00	9.8E-08

90	556809.4, 3777393.38	0.84401	1.5456	0.0008465	1.335E-07	0.00085	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.8E-09	8.9E-08	0.0E+00	0.0E+00	0.0E+00	9.8E-08
91	556829.4, 3777393.38	0.84019	1.56741	0.0008426	1.354E-07	0.00084	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	8.8E-08	0.0E+00	0.0E+00	0.0E+00	9.8E-08
92	556849.4, 3777393.38	0.82764	1.5634	0.0008301	1.35E-07	0.00083	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	9.6E-09	8.7E-08	0.0E+00	0.0E+00	0.0E+00	9.7E-08
93	556869.4, 3777393.38	0.80336	1.52737	0.0008057	1.319E-07	0.00081	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	8.4E-08	0.0E+00	0.0E+00	0.0E+00	9.4E-08
94	556889.4, 3777393.38	0.76721	1.45922	0.0007695	1.26E-07	0.00077	2.7E-07	8.0E-07	4.7E-07	4.2E-07	1.9E-07	8.9E-09	8.1E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
95	556909.4, 3777393.38	0.72134	1.3622	0.0007234	1.176E-07	0.00072	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
96	556929.4, 3777393.38	0.66895	1.23895	0.0006709	1.07E-07	0.00067	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
97	556949.4, 3777393.38	0.61364	1.09735	0.0006154	9.477E-08	0.00062	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.2E-08
98	556969.4, 3777393.38	0.55863	0.95004	0.0005603	8.205E-08	0.00056	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
99	556989.4, 3777393.38	0.5062	0.81045	0.0005077	6.999E-08	0.00051	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
100	557009.4, 3777393.38	0.45774	0.68746	0.0004591	5.937E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
101	557029.4, 3777393.38	0.41382	0.58395	0.000415	5.043E-08	0.00042	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
102	557049.4, 3777393.38	0.37442	0.49871	0.0003755	4.307E-08	0.00038	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
103	557069.4, 3777393.38	0.33921	0.429	0.0003402	3.705E-08	0.00034	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
104	557089.4, 3777393.38	0.30772	0.37193	0.0003086	3.212E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
105	557109.4, 3777393.38	0.27955	0.32495	0.0002804	2.806E-08	0.00028	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
106	557129.4, 3777393.38	0.25429	0.28595	0.000255	2.47E-08	0.00026	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
107	557149.4, 3777393.38	0.23169	0.25336	0.0002324	2.188E-08	0.00023	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
108	557169.4, 3777393.38	0.21144	0.22588	0.0002121	1.951E-08	0.00021	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
109	557189.4, 3777393.38	0.19333	0.20253	0.0001939	1.749E-08	0.00019	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
110	557209.4, 3777393.38	0.17717	0.18259	0.0001777	1.577E-08	0.00018	6.2E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
111	557229.4, 3777393.38	0.16273	0.1654	0.0001632	1.428E-08	0.00016	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
112	557249.4, 3777393.38	0.1498	0.1505	0.0001502	1.3E-08	0.00015	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
113	557269.4, 3777393.38	0.13824	0.13752	0.0001386	1.188E-08	0.00014	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
114	557289.4, 3777393.38	0.12788	0.12614	0.0001283	1.089E-08	0.00013	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.5E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
115	557309.4, 3777393.38	0.11857	0.11611	0.0001189	1.003E-08	0.00012	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.4E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
116	557329.4, 3777393.38	0.11023	0.10726	0.0001106	9.263E-09	0.00011	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
117	557349.4, 3777393.38	0.1027	0.09939	0.000103	8.584E-09	0.0001	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
118	557369.4, 3777393.38	0.09589	0.09236	9.617E-05	7.977E-09	9.6E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
119	557389.4, 3777393.38	0.08973	0.08607	8.999E-05	7.433E-09	9E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	1.0E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
120	557409.4, 3777393.38	0.08412	0.08041	8.437E-05	6.945E-09	8.4E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	9.8E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
121	557429.4, 3777393.38	0.07902	0.07531	7.925E-05	6.504E-09	7.9E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	9.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
122	557449.4, 3777393.38	0.07438	0.0707	7.46E-05	6.106E-09	7.5E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	8.6E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
123	557469.4, 3777393.38	0.07012	0.06651	7.033E-05	5.744E-09	7E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	8.1E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
124	557489.4, 3777393.38	0.06621	0.06268	6.64E-05	5.413E-09	6.6E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	7.7E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
125	556509.4, 3777413.38	0.49445	0.64091	0.0004959	5.535E-08	0.0005	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
126	556529.4, 3777413.38	0.51989	0.67976	0.0005214	5.871E-08	0.00052	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
127	556549.4, 3777413.38	0.54478	0.71907	0.0005464	6.21E-08	0.00055	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	6.4E-08
128	556569.4, 3777413.38	0.56899	0.75909	0.0005707	6.556E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
129	556589.4, 3777413.38	0.59231	0.80002	0.000594	6.909E-08	0.00059	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	6.2E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-08
130	556609.4, 3777413.38	0.61443	0.84196	0.0006162	7.271E-08	0.00062	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.2E-08
131	556629.4, 3777413.38	0.63464	0.88457	0.0006365	7.639E-08	0.00064	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	6.7E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
132	556649.4, 3777413.38	0.65257	0.92842	0.0006545	8.018E-08	0.00065	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
133	556669.4, 3777413.38	0.66665	0.97189	0.0006686	8.394E-08	0.00067	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
134	556689.4, 3777413.38	0.67644	1.01472	0.0006784	8.764E-08	0.00068	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	7.1E-08	0.0E+00	0.0E+00	0.0E+00	7.9E-08
135	556709.4, 3777413.38	0.68212	1.05601	0.0006841	9.12E-08	0.00068	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	7.9E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
136	556729.4, 3777413.38	0.68511	1.09539	0.0006871	9.46E-08	0.00069	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.9E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
137	556749.4, 3777413.38	0.68717	1.132	0.0006892	9.776E-08	0.00069	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
138	556769.4, 3777413.38	0.68909	1.16171	0.0006911	1.003E-07	0.00069	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
139	556789.4, 3777413.38	0.69163	1.18561	0.0006937	1.024E-07	0.00069	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
140	556809.4, 3777413.38	0.69267	1.19652	0.0006947	1.033E-07	0.00069	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
141	556829.4, 3777413.38	0.69021	1.19379	0.0006922	1.031E-07	0.00069	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
142	556849.4, 3777413.38	0.68138	1.17506	0.0006834	1.015E-07	0.00068	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	7.2E-08	0.0E+00	0.0E+00	0.0E+00	7.9E-08
143	556869.4, 3777413.38	0.66424	1.13948	0.0006662	9.841E-08	0.00067	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.7E-08
144	556889.4, 3777413.38	0.63868	1.08908	0.0006405	9.406E-08	0.00064	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	6.7E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
145	556909.4, 3777413.38	0.60577	1.02405	0.0006075	8.844E-08	0.00061	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	7.0E-09	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
146	556929.4, 3777413.38	0.56753	0.94528	0.0005692	8.164E-08	0.00057	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
147	556949.4, 3777413.38	0.52631	0.85613	0.0005278	7.394E-08	0.00053	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
148	556969.4, 3777413.38	0.48427	0.76159	0.0004857	6.577E-08	0.00049	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
149	556989.4, 3777413.38	0.44327	0.66866	0.0004446	5.775E-08	0.00044	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
150	557009.4, 3777413.38	0.40458	0.58281	0.0004058	5.033E-08	0.00041	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
151	557029.4, 3777413.38	0.36891	0.50689	0.00037	4.378E-08	0.00037	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
152	557049.4, 3777413.38	0.3365	0.44157	0.0003375	3.814E-08	0.00034	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.4E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
153	557069.4, 3777413.38	0.30726	0.38612	0.0003082	3.335E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
154	557089.4, 3777413.38	0.28089	0.33929	0.0002817	2.93E-08	0.00028	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
155	557109.4, 3777413.38	0.25708	0.29974	0.0002578	2.589E-08	0.00026	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
156	557129.4, 3777413.38	0.23549	0.26623	0.0002362	2.299E-08	0.00024	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
157	557149.4, 3777413.38	0.21598	0.23775	0.0002166	2.053E-08	0.00022	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
158	557169.4, 3777413.38	0.19827	0.21336	0.0001988	1.843E-08	0.0002	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
159	557189.4, 3777413.38	0.18226	0.19241	0.0001828	1.662E-08	0.00018	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
160	557209.4, 3777413.38	0.16781	0.17431	0.0001683	1.505E-08	0.00017	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
161	557229.4, 3777413.38	0.15475	0.15857	0.0001552	1.369E-08	0.00016	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
162	557249.4, 3777413.38	0.14297	0.14483	0.0001434	1.251E-08	0.00014	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
163	557269.4, 3777413.38	0.13237	0.13278	0.0001328	1.147E-08	0.00013	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
164	557289.4, 3777413.38	0.12281	0.12215	0.0001232	1.055E-08	0.00012	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
165	557309.4, 3777413.38	0.11417	0.11274	0.0001145	9.737E-09	0.00011	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
166	557329.4, 3777413.38	0.10637	0.10437	0.0001067	9.014E-09	0.00011	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
167	557349.4, 3777413.38	0.09932	0.09692	9.961E-05	8.37E-09	1E-04	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.2E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
168	557369.4, 3777413.38	0.09291	0.09022	9.318E-05	7.792E-09	9.3E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.1E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
169	557389.4, 3777413.38	0.0871	0.08423	8.735E-05	7.274E-09	8.7E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.0E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
170	557409.4, 3777413.38	0.0818	0.07882	8.204E-05	6.807E-09	8.2E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	9.5E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
171	557429.4, 3777413.38	0.07695	0.07391	7.717E-05	6.383E-09	7.7E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	8.9E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
172	557449.4, 3777413.38	0.07253	0.06947	7.274E-05	6E-09	7.3E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	8.4E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
173	557469.4, 3777413.38	0.06849	0.06544	6.869E-05	5.652E-09	6.9E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	7.9E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
174	557489.4, 3777413.38	0.06476	0.06174	6.495E-05	5.332E-09	6.5E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
175	556509.4, 3777433.38	0.44115	0.57145	0.0004424	4.935E-08	0.00044	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
176	556529.4, 3777433.38	0.45998	0.60217	0.0004613	5.201E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
177	556549.4, 3777433.38	0.47824	0.63323	0.0004796	5.469E-08	0.00048	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
178	556569.4, 3777433.38	0.49586	0.66472	0.0004973	5.741E-08	0.0005	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
179	556589.4, 3777433.38	0.51245	0.69633	0.0005139	6.014E-08	0.00051	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
180	556609.4, 3777433.38	0.52798	0.72845	0.0005295	6.291E-08	0.00053	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
181	556629.4, 3777433.38	0.54183	0.76079	0.0005434	6.57E-08	0.00054	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	6.3E-08
182	556649.4, 3777433.38	0.55333	0.79306	0.0005549	6.849E-08	0.00056	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	6.4E-09	5.8E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
183	556669.4, 3777433.38	0.56182	0.82461	0.0005635	7.122E-08	0.00056	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
184	556689.4, 3777433.38	0.56702	0.85425	0.0005687	7.378E-08	0.00057	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
185	556709.4, 3777433.38	0.56991	0.88203	0.0005716	7.618E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
186	556729.4, 3777433.38	0.57137	0.90615	0.000573	7.826E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
187	556749.4, 3777433.38	0.573	0.92698	0.0005747	8.006E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08

188	556769.4, 3777433.38	0.57475	0.9406	0.0005764	8.123E-08	0.00058	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
189	556789.4, 3777433.38	0.57699	0.94848	0.0005787	8.191E-08	0.00058	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
190	556809.4, 3777433.38	0.5781	0.947	0.0005798	8.179E-08	0.00058	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
191	556829.4, 3777433.38	0.57637	0.93615	0.0005781	8.085E-08	0.00058	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
192	556849.4, 3777433.38	0.56999	0.91614	0.0005717	7.912E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
193	556869.4, 3777433.38	0.55757	0.88667	0.0005592	7.658E-08	0.00056	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
194	556889.4, 3777433.38	0.53895	0.84909	0.0005405	7.333E-08	0.00054	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.2E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	6.3E-08
195	556909.4, 3777433.38	0.51478	0.80334	0.0005163	6.938E-08	0.00052	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
196	556929.4, 3777433.38	0.48635	0.7497	0.0004878	6.475E-08	0.00049	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
197	556949.4, 3777433.38	0.45516	0.68933	0.0004565	5.953E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
198	556969.4, 3777433.38	0.42269	0.62497	0.0004239	5.397E-08	0.00042	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
199	556989.4, 3777433.38	0.39031	0.5602	0.0003915	4.838E-08	0.00039	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
200	557009.4, 3777433.38	0.35918	0.49844	0.0003602	4.305E-08	0.00036	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
201	557029.4, 3777433.38	0.32998	0.4418	0.0003309	3.816E-08	0.00033	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
202	557049.4, 3777433.38	0.30312	0.39134	0.000304	3.38E-08	0.0003	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
203	557069.4, 3777433.38	0.27864	0.34716	0.0002795	2.998E-08	0.00028	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
204	557089.4, 3777433.38	0.25642	0.30882	0.0002572	2.667E-08	0.00026	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
205	557109.4, 3777433.38	0.23622	0.27569	0.0002369	2.381E-08	0.00024	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
206	557129.4, 3777433.38	0.2178	0.24706	0.0002184	2.134E-08	0.00022	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
207	557149.4, 3777433.38	0.20099	0.22231	0.0002016	1.92E-08	0.0002	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
208	557169.4, 3777433.38	0.18558	0.20083	0.0001861	1.734E-08	0.00019	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
209	557189.4, 3777433.38	0.17151	0.18215	0.000172	1.573E-08	0.00017	6.0E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
210	557209.4, 3777433.38	0.15866	0.16584	0.0001591	1.432E-08	0.00016	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
211	557229.4, 3777433.38	0.14693	0.15152	0.0001474	1.309E-08	0.00015	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
212	557249.4, 3777433.38	0.13628	0.13893	0.0001367	1.2E-08	0.00014	4.7E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.6E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
213	557269.4, 3777433.38	0.12659	0.1278	0.000127	1.104E-08	0.00013	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.5E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
214	557289.4, 3777433.38	0.11778	0.11792	0.0001181	1.018E-08	0.00012	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.4E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
215	557309.4, 3777433.38	0.1098	0.10915	0.0001101	9.427E-09	0.00011	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
216	557329.4, 3777433.38	0.10253	0.10129	0.0001028	8.748E-09	0.0001	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
217	557349.4, 3777433.38	0.09591	0.09424	9.619E-05	8.139E-09	9.6E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
218	557369.4, 3777433.38	0.08991	0.08792	9.017E-05	7.593E-09	9E-05	3.1E-08	9.4E-08	5.5E-08	4.9E-08	2.3E-08	1.0E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
219	557389.4, 3777433.38	0.08446	0.08223	8.471E-05	7.102E-09	8.5E-05	2.9E-08	8.9E-08	5.1E-08	4.6E-08	2.1E-08	9.8E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
220	557409.4, 3777433.38	0.07946	0.07708	7.969E-05	6.657E-09	8E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	9.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
221	557429.4, 3777433.38	0.07486	0.07238	7.508E-05	6.251E-09	7.5E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	8.7E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
222	557449.4, 3777433.38	0.07066	0.06813	7.087E-05	5.884E-09	7.1E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	8.2E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
223	557469.4, 3777433.38	0.06681	0.06425	6.701E-05	5.549E-09	6.7E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	7.7E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
224	557489.4, 3777433.38	0.06326	0.0607	6.344E-05	5.242E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
225	556509.4, 3777453.38	0.39283	0.51036	0.000394	4.408E-08	0.00039	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	4.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
226	556529.4, 3777453.38	0.40685	0.5347	0.000408	4.618E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
227	556549.4, 3777453.38	0.42033	0.5591	0.0004216	4.829E-08	0.00042	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
228	556569.4, 3777453.38	0.43336	0.58371	0.0004346	5.041E-08	0.00043	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
229	556589.4, 3777453.38	0.44552	0.60826	0.0004468	5.253E-08	0.00045	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
230	556609.4, 3777453.38	0.45662	0.63285	0.000458	5.466E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
231	556629.4, 3777453.38	0.46593	0.65693	0.0004673	5.674E-08	0.00047	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
232	556649.4, 3777453.38	0.47321	0.68051	0.0004746	5.877E-08	0.00047	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
233	556669.4, 3777453.38	0.47815	0.70294	0.0004795	6.071E-08	0.00048	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
234	556689.4, 3777453.38	0.48088	0.72334	0.0004823	6.247E-08	0.00048	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
235	556709.4, 3777453.38	0.48232	0.74135	0.0004837	6.403E-08	0.00048	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
236	556729.4, 3777453.38	0.48318	0.75551	0.0004846	6.525E-08	0.00048	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
237	556749.4, 3777453.38	0.48445	0.76578	0.0004859	6.614E-08	0.00049	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
238	556769.4, 3777453.38	0.48626	0.77126	0.0004877	6.661E-08	0.00049	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
239	556789.4, 3777453.38	0.4882	0.77117	0.0004896	6.66E-08	0.00049	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
240	556809.4, 3777453.38	0.4892	0.76502	0.0004906	6.607E-08	0.00049	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
241	556829.4, 3777453.38	0.48789	0.75254	0.0004893	6.499E-08	0.00049	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
242	556849.4, 3777453.38	0.48318	0.73473	0.0004846	6.345E-08	0.00048	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
243	556869.4, 3777453.38	0.47395	0.71134	0.0004753	6.143E-08	0.00048	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
244	556889.4, 3777453.38	0.46014	0.68326	0.0004615	5.901E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
245	556909.4, 3777453.38	0.44204	0.64985	0.0004433	5.612E-08	0.00044	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
246	556929.4, 3777453.38	0.42053	0.61146	0.0004218	5.281E-08	0.00042	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
247	556949.4, 3777453.38	0.3966	0.56855	0.0003978	4.91E-08	0.0004	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
248	556969.4, 3777453.38	0.37128	0.52267	0.0003724	4.514E-08	0.00037	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
249	556989.4, 3777453.38	0.34554	0.47583	0.0003466	4.109E-08	0.00035	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
250	557009.4, 3777453.38	0.32029	0.43012	0.0003212	3.715E-08	0.00032	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
251	557029.4, 3777453.38	0.29624	0.38712	0.0002971	3.343E-08	0.0003	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
252	557049.4, 3777453.38	0.2738	0.34774	0.0002746	3.003E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
253	557069.4, 3777453.38	0.25317	0.31236	0.0002539	2.698E-08	0.00025	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
254	557089.4, 3777453.38	0.2343	0.28093	0.000235	2.426E-08	0.00024	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
255	557109.4, 3777453.38	0.21707	0.2532	0.0002177	2.187E-08	0.00022	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
256	557129.4, 3777453.38	0.20129	0.22882	0.0002019	1.976E-08	0.0002	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
257	557149.4, 3777453.38	0.18681	0.2074	0.0001874	1.791E-08	0.00019	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
258	557169.4, 3777453.38	0.17343	0.18855	0.0001739	1.628E-08	0.00017	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
259	557189.4, 3777453.38	0.16112	0.17197	0.0001616	1.485E-08	0.00016	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.0E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
260	557209.4, 3777453.38	0.14978	0.15735	0.0001502	1.359E-08	0.00015	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
261	557229.4, 3777453.38	0.13931	0.1444	0.0001397	1.247E-08	0.00014	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
262	557249.4, 3777453.38	0.12972	0.13292	0.0001301	1.148E-08	0.00013	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
263	557269.4, 3777453.38	0.12091	0.1227	0.0001213	1.06E-08	0.00012	4.2E-08	1.3E-07	7.3E-08	6.7E-08	3.0E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
264	557289.4, 3777453.38	0.11285	0.11357	0.0001132	9.808E-09	0.00011	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
265	557309.4, 3777453.38	0.10549	0.10541	0.0001058	9.104E-09	0.00011	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
266	557329.4, 3777453.38	0.09875	0.09807	9.904E-05	8.47E-09	9.9E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
267	557349.4, 3777453.38	0.09259	0.09147	9.286E-05	7.9E-09	9.3E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.1E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
268	557369.4, 3777453.38	0.08695	0.0855	8.72E-05	7.384E-09	8.7E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.0E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
269	557389.4, 3777453.38	0.0818	0.0801	8.204E-05	6.918E-09	8.2E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	9.5E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
270	557409.4, 3777453.38	0.0771	0.07523	7.733E-05	6.497E-09	7.7E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	8.9E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
271	557429.4, 3777453.38	0.07277	0.07077	7.298E-05	6.112E-09	7.3E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	8.4E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
272	557449.4, 3777453.38	0.06879	0.06671	6.899E-05	5.761E-09	6.9E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
273	557469.4, 3777453.38	0.06512	0.06299	6.531E-05	5.44E-09	6.5E-05	2.3E-08	6.8E-08	4.0E-08	3.6E-08	1.6E-08	7.6E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
274	557489.4, 3777453.38	0.06174	0.05958	6.192E-05	5.146E-09	6.2E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	7.2E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
275	556509.4, 3777473.38	0.3499	0.45653	0.0003509	3.943E-08	0.00035	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
276	556529.4, 3777473.38	0.36061	0.47593	0.0003617	4.11E-08	0.00036	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
277	556549.4, 3777473.38	0.37087	0.49516	0.000372	4.276E-08	0.00037	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	4.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
278	556569.4, 3777473.38	0.38052	0.51414	0.0003816	4.44E-08	0.00038	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
279	556589.4, 3777473.38	0.38955	0.53311	0.0003907	4.604E-08	0.00039	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
280	556609.4, 3777473.38	0.39741	0.5517	0.0003986	4.765E-08	0.0004	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
281	556629.4, 3777473.38	0.40365	0.56962	0.0004048	4.919E-08	0.0004	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
282	556649.4, 3777473.38	0.40805	0.58653	0.0004092	5.07E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
283	556669.4, 3777473.38	0.41077	0.60217	0.0004412	5.201E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
284	556689.4, 3777473.38	0.41216	0.61589	0.0004134	5.319E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
285	556709.4, 3777473.38	0.41283	0.62697	0.000414	5.415E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08

286	556729.4, 3777473.38	0.4135	0.6349	0.0004147	5.483E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
287	556749.4, 3777473.38	0.41479	0.63964	0.000416	5.524E-08	0.00042	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
288	556769.4, 3777473.38	0.4164	0.64026	0.0004176	5.53E-08	0.00042	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
289	556789.4, 3777473.38	0.4181	0.63711	0.0004193	5.502E-08	0.00042	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
290	556809.4, 3777473.38	0.41893	0.62964	0.0004202	5.438E-08	0.00042	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.9E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
291	556829.4, 3777473.38	0.41799	0.61817	0.0004192	5.339E-08	0.00042	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
292	556849.4, 3777473.38	0.41435	0.60308	0.0004156	5.208E-08	0.00042	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
293	556869.4, 3777473.38	0.40737	0.58464	0.0004086	5.049E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
294	556889.4, 3777473.38	0.39689	0.56315	0.0003981	4.864E-08	0.0004	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
295	556909.4, 3777473.38	0.38309	0.53801	0.0003842	4.646E-08	0.00038	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
296	556929.4, 3777473.38	0.36657	0.50948	0.0003676	4.4E-08	0.00037	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	4.3E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
297	556949.4, 3777473.38	0.348	0.47784	0.000349	4.127E-08	0.00035	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
298	556969.4, 3777473.38	0.32808	0.44396	0.000329	3.834E-08	0.00033	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
299	556989.4, 3777473.38	0.3075	0.40906	0.0003084	3.533E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
300	557009.4, 3777473.38	0.28695	0.37443	0.0002878	3.234E-08	0.00029	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
301	557029.4, 3777473.38	0.26701	0.34119	0.0002678	2.947E-08	0.00027	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
302	557049.4, 3777473.38	0.24813	0.31009	0.0002489	2.678E-08	0.00025	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
303	557069.4, 3777473.38	0.23059	0.28156	0.0002313	2.432E-08	0.00023	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
304	557089.4, 3777473.38	0.21444	0.2557	0.0002151	2.208E-08	0.00022	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
305	557109.4, 3777473.38	0.19963	0.23248	0.0002002	2.008E-08	0.0002	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
306	557129.4, 3777473.38	0.18602	0.21171	0.0001866	1.828E-08	0.00019	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
307	557149.4, 3777473.38	0.1735	0.19322	0.000174	1.669E-08	0.00017	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
308	557169.4, 3777473.38	0.1619	0.17673	0.0001624	1.526E-08	0.00016	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
309	557189.4, 3777473.38	0.15115	0.16207	0.0001516	1.4E-08	0.00015	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
310	557209.4, 3777473.38	0.14117	0.149	0.0001416	1.287E-08	0.00014	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
311	557229.4, 3777473.38	0.1319	0.13733	0.0001323	1.186E-08	0.00013	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
312	557249.4, 3777473.38	0.12331	0.12691	0.0001237	1.096E-08	0.00012	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
313	557269.4, 3777473.38	0.11535	0.11755	0.0001157	1.015E-08	0.00012	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
314	557289.4, 3777473.38	0.10801	0.10915	0.0001083	9.427E-09	0.00011	3.8E-08	1.1E-07	6.6E-08	5.9E-08	2.7E-08	1.3E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
315	557309.4, 3777473.38	0.10124	0.10159	0.0001015	8.774E-09	0.0001	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
316	557329.4, 3777473.38	0.09502	0.09477	9.53E-05	8.185E-09	9.5E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
317	557349.4, 3777473.38	0.0893	0.0886	8.956E-05	7.652E-09	9E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.0E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
318	557369.4, 3777473.38	0.08404	0.083	8.429E-05	7.168E-09	8.4E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	9.7E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
319	557389.4, 3777473.38	0.0792	0.07791	7.943E-05	6.729E-09	7.9E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	9.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
320	557409.4, 3777473.38	0.07476	0.07329	7.498E-05	6.33E-09	7.5E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	8.7E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
321	557429.4, 3777473.38	0.07067	0.06905	7.088E-05	5.963E-09	7.1E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	8.2E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
322	557449.4, 3777473.38	0.06691	0.0652	6.711E-05	5.631E-09	6.7E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	7.8E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
323	557469.4, 3777473.38	0.06344	0.06165	6.363E-05	5.324E-09	6.4E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	7.4E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
324	557489.4, 3777473.38	0.06022	0.05839	6.04E-05	5.043E-09	6E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
325	556509.4, 3777493.38	0.31229	0.40905	0.0003132	3.533E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
326	556529.4, 3777493.38	0.32049	0.42426	0.0003214	3.664E-08	0.00032	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
327	556549.4, 3777493.38	0.32843	0.43937	0.0003294	3.795E-08	0.00033	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
328	556569.4, 3777493.38	0.33597	0.4544	0.000337	3.924E-08	0.00034	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
329	556589.4, 3777493.38	0.34258	0.46888	0.0003436	4.049E-08	0.00034	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
330	556609.4, 3777493.38	0.34797	0.48271	0.000349	4.169E-08	0.00035	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
331	556629.4, 3777493.38	0.35204	0.49592	0.0003531	4.283E-08	0.00035	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
332	556649.4, 3777493.38	0.35463	0.50803	0.0003557	4.388E-08	0.00036	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
333	556669.4, 3777493.38	0.35592	0.51855	0.000357	4.478E-08	0.00036	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
334	556689.4, 3777493.38	0.35656	0.52747	0.0003576	4.555E-08	0.00036	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
335	556709.4, 3777493.38	0.35699	0.53411	0.000358	4.613E-08	0.00036	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
336	556729.4, 3777493.38	0.35757	0.538	0.0003586	4.646E-08	0.00036	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
337	556749.4, 3777493.38	0.35885	0.53968	0.0003599	4.661E-08	0.00036	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
338	556769.4, 3777493.38	0.36031	0.53813	0.0003614	4.648E-08	0.00036	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
339	556789.4, 3777493.38	0.36178	0.53391	0.0003628	4.611E-08	0.00036	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
340	556809.4, 3777493.38	0.36252	0.52677	0.0003636	4.549E-08	0.00036	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
341	556829.4, 3777493.38	0.36176	0.51674	0.0003628	4.463E-08	0.00036	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
342	556849.4, 3777493.38	0.35897	0.50445	0.00036	4.357E-08	0.00036	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
343	556869.4, 3777493.38	0.35357	0.48979	0.0003546	4.23E-08	0.00035	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
344	556889.4, 3777493.38	0.34546	0.47294	0.0003465	4.084E-08	0.00035	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
345	556909.4, 3777493.38	0.33476	0.45357	0.0003357	3.917E-08	0.00034	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
346	556929.4, 3777493.38	0.32189	0.43179	0.0003228	3.729E-08	0.00032	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
347	556949.4, 3777493.38	0.30732	0.40775	0.0003082	3.521E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
348	556969.4, 3777493.38	0.2915	0.38202	0.0002924	3.299E-08	0.00029	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
349	556989.4, 3777493.38	0.27495	0.35533	0.0002758	3.069E-08	0.00028	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
350	557009.4, 3777493.38	0.25814	0.32856	0.0002589	2.838E-08	0.00026	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
351	557029.4, 3777493.38	0.24156	0.30246	0.0002423	2.612E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
352	557049.4, 3777493.38	0.22562	0.27761	0.0002263	2.398E-08	0.00023	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
353	557069.4, 3777493.38	0.21061	0.25442	0.0002112	2.197E-08	0.00021	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
354	557089.4, 3777493.38	0.19667	0.23304	0.0001972	2.013E-08	0.0002	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
355	557109.4, 3777493.38	0.18384	0.21354	0.0001844	1.844E-08	0.00018	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
356	557129.4, 3777493.38	0.17203	0.19585	0.0001725	1.691E-08	0.00017	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
357	557149.4, 3777493.38	0.16114	0.17988	0.0001616	1.554E-08	0.00016	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.0E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
358	557169.4, 3777493.38	0.15104	0.1655	0.0001515	1.429E-08	0.00015	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
359	557189.4, 3777493.38	0.14164	0.15254	0.0001421	1.317E-08	0.00014	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
360	557209.4, 3777493.38	0.13289	0.1409	0.0001333	1.217E-08	0.00013	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
361	557229.4, 3777493.38	0.1247	0.13041	0.0001251	1.126E-08	0.00013	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
362	557249.4, 3777493.38	0.11705	0.12096	0.0001174	1.045E-08	0.00012	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.4E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
363	557269.4, 3777493.38	0.10991	0.11244	0.0001102	9.711E-09	0.00011	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
364	557289.4, 3777493.38	0.10326	0.10473	0.0001036	9.045E-09	0.0001	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
365	557309.4, 3777493.38	0.09707	0.09775	9.735E-05	8.442E-09	9.7E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
366	557329.4, 3777493.38	0.09135	0.09142	9.162E-05	7.895E-09	9.2E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
367	557349.4, 3777493.38	0.08605	0.08567	8.63E-05	7.399E-09	8.6E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.0E-09	9.0E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
368	557369.4, 3777493.38	0.08115	0.08043	8.139E-05	6.946E-09	8.1E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	9.4E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
369	557389.4, 3777493.38	0.07663	0.07566	7.685E-05	6.534E-09	7.7E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	8.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
370	557409.4, 3777493.38	0.07246	0.0713	7.267E-05	6.158E-09	7.3E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	8.4E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
371	557429.4, 3777493.38	0.06859	0.06728	6.879E-05	5.811E-09	6.9E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
372	557449.4, 3777493.38	0.06503	0.06362	6.522E-05	5.494E-09	6.5E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
373	557469.4, 3777493.38	0.06175	0.06026	6.193E-05	5.204E-09	6.2E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.6E-08	7.2E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
374	557489.4, 3777493.38	0.0587	0.05715	5.887E-05	4.936E-09	5.9E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	6.8E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
375	556509.4, 3777513.38	0.27964	0.36713	0.0002805	3.171E-08	0.00028	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
376	556529.4, 3777513.38	0.28615	0.3792	0.000287	3.275E-08	0.00029	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
377	556549.4, 3777513.38	0.29237	0.39107	0.0002932	3.377E-08	0.00029	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
378	556569.4, 3777513.38	0.29784	0.4023	0.0002987	3.474E-08	0.0003	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
379	556589.4, 3777513.38	0.30262	0.41331	0.0003035	3.57E-08	0.0003	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
380	556609.4, 3777513.38	0.30637	0.4238	0.0003073	3.66E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
381	556629.4, 3777513.38	0.30879	0.4332	0.0003097	3.741E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
382	556649.4, 3777513.38	0.31021	0.44172	0.0003111	3.815E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
383	556669.4, 3777513.38	0.31086	0.44894	0.0003118	3.877E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08

384	556689.4, 3777513.38	0.31121	0.45471	0.0003121	3.927E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
385	556709.4, 3777513.38	0.31154	0.45845	0.0003125	3.959E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
386	556729.4, 3777513.38	0.31215	0.46004	0.0003131	3.973E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
387	556749.4, 3777513.38	0.31334	0.45996	0.0003143	3.972E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
388	556769.4, 3777513.38	0.31462	0.45746	0.0003155	3.951E-08	0.00032	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
389	556789.4, 3777513.38	0.31587	0.45311	0.0003168	3.913E-08	0.00032	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
390	556809.4, 3777513.38	0.31653	0.44682	0.0003175	3.859E-08	0.00032	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
391	556829.4, 3777513.38	0.31596	0.43844	0.0003169	3.787E-08	0.00032	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.7E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
392	556849.4, 3777513.38	0.31376	0.42842	0.0003147	3.7E-08	0.00031	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
393	556869.4, 3777513.38	0.30952	0.41667	0.0003104	3.599E-08	0.00031	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.6E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
394	556889.4, 3777513.38	0.30314	0.40326	0.000304	3.483E-08	0.0003	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
395	556909.4, 3777513.38	0.29474	0.38807	0.0002956	3.352E-08	0.0003	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
396	556929.4, 3777513.38	0.28457	0.37103	0.0002854	3.204E-08	0.00029	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.3E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
397	556949.4, 3777513.38	0.273	0.35234	0.0002738	3.043E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
398	556969.4, 3777513.38	0.26034	0.33234	0.0002611	2.87E-08	0.00026	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
399	556989.4, 3777513.38	0.24693	0.3115	0.0002477	2.69E-08	0.00025	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
400	557009.4, 3777513.38	0.23314	0.29042	0.0002338	2.508E-08	0.00023	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
401	557029.4, 3777513.38	0.2193	0.26961	0.0002199	2.328E-08	0.00022	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
402	557049.4, 3777513.38	0.20581	0.24955	0.0002064	2.155E-08	0.00021	7.1E-08	2.2E-07	1.2E-07	1.1E-07	5.2E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
403	557069.4, 3777513.38	0.19291	0.23053	0.0001935	1.991E-08	0.00019	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
404	557089.4, 3777513.38	0.18083	0.21276	0.0001814	1.837E-08	0.00018	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
405	557109.4, 3777513.38	0.16962	0.19633	0.0001701	1.696E-08	0.00017	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
406	557129.4, 3777513.38	0.15928	0.18124	0.0001597	1.565E-08	0.00016	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
407	557149.4, 3777513.38	0.14974	0.16745	0.0001502	1.446E-08	0.00015	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
408	557169.4, 3777513.38	0.1409	0.15489	0.0001413	1.338E-08	0.00014	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
409	557189.4, 3777513.38	0.13266	0.14347	0.000133	1.239E-08	0.00013	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
410	557209.4, 3777513.38	0.12498	0.13312	0.0001253	1.15E-08	0.00013	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
411	557229.4, 3777513.38	0.11775	0.1237	0.0001181	1.068E-08	0.00012	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.4E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
412	557249.4, 3777513.38	0.11098	0.11517	0.0001113	9.947E-09	0.00011	3.9E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
413	557269.4, 3777513.38	0.10459	0.10741	0.0001049	9.276E-09	0.0001	3.6E-08	1.1E-07	6.3E-08	5.8E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
414	557289.4, 3777513.38	0.0986	0.10035	9.889E-05	8.667E-09	9.9E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
415	557309.4, 3777513.38	0.09299	0.09393	9.326E-05	8.112E-09	9.3E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.1E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
416	557329.4, 3777513.38	0.08775	0.08808	8.801E-05	7.607E-09	8.8E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.0E-09	9.2E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
417	557349.4, 3777513.38	0.08286	0.08273	8.31E-05	7.145E-09	8.3E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	9.6E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
418	557369.4, 3777513.38	0.07831	0.07784	7.854E-05	6.723E-09	7.9E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	9.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
419	557389.4, 3777513.38	0.0741	0.07337	7.432E-05	6.337E-09	7.4E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	8.6E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
420	557409.4, 3777513.38	0.07019	0.06927	7.04E-05	5.982E-09	7E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	8.1E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
421	557429.4, 3777513.38	0.06655	0.06549	6.674E-05	5.656E-09	6.7E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	7.7E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
422	557449.4, 3777513.38	0.06319	0.06201	6.337E-05	5.355E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
423	557469.4, 3777513.38	0.06007	0.05881	6.025E-05	5.079E-09	6E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	7.0E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
424	557489.4, 3777513.38	0.05718	0.05586	5.735E-05	4.824E-09	5.7E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
425	556509.4, 3777533.38	0.25136	0.33009	0.0002521	2.851E-08	0.00025	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
426	556529.4, 3777533.38	0.25652	0.33956	0.0002573	2.933E-08	0.00026	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
427	556549.4, 3777533.38	0.26131	0.34876	0.0002621	3.012E-08	0.00026	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
428	556569.4, 3777533.38	0.26548	0.35755	0.0002663	3.088E-08	0.00027	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
429	556589.4, 3777533.38	0.26883	0.36585	0.0002696	3.16E-08	0.00027	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
430	556609.4, 3777533.38	0.27122	0.3735	0.000272	3.226E-08	0.00027	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
431	556629.4, 3777533.38	0.27266	0.38036	0.0002735	3.285E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
432	556649.4, 3777533.38	0.27336	0.38628	0.0002742	3.336E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
433	556669.4, 3777533.38	0.27368	0.39118	0.0002745	3.378E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
434	556689.4, 3777533.38	0.27385	0.39466	0.0002747	3.408E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
435	556709.4, 3777533.38	0.27414	0.39653	0.0002749	3.425E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
436	556729.4, 3777533.38	0.2748	0.39687	0.0002756	3.428E-08	0.00028	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
437	556749.4, 3777533.38	0.27586	0.39584	0.0002767	3.419E-08	0.00028	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
438	556769.4, 3777533.38	0.27704	0.39319	0.0002778	3.396E-08	0.00028	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
439	556789.4, 3777533.38	0.27806	0.38903	0.0002789	3.36E-08	0.00028	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
440	556809.4, 3777533.38	0.27862	0.3836	0.0002794	3.313E-08	0.00028	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
441	556829.4, 3777533.38	0.27816	0.37662	0.000279	3.253E-08	0.00028	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
442	556849.4, 3777533.38	0.27643	0.36848	0.0002772	3.182E-08	0.00028	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
443	556869.4, 3777533.38	0.27305	0.35899	0.0002738	3.1E-08	0.00027	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.2E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
444	556889.4, 3777533.38	0.26796	0.34818	0.0002687	3.007E-08	0.00027	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.1E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
445	556909.4, 3777533.38	0.26126	0.33604	0.000262	2.902E-08	0.00026	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.0E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
446	556929.4, 3777533.38	0.25314	0.32251	0.0002539	2.785E-08	0.00025	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.9E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
447	556949.4, 3777533.38	0.24385	0.3077	0.0002446	2.657E-08	0.00024	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
448	556969.4, 3777533.38	0.23362	0.29184	0.0002343	2.52E-08	0.00023	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
449	556989.4, 3777533.38	0.22269	0.27528	0.0002233	2.377E-08	0.00022	7.7E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.6E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
450	557009.4, 3777533.38	0.21132	0.2584	0.0002119	2.232E-08	0.00021	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
451	557029.4, 3777533.38	0.19976	0.24161	0.0002003	2.087E-08	0.0002	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
452	557049.4, 3777533.38	0.1883	0.22522	0.0001889	1.945E-08	0.00019	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
453	557069.4, 3777533.38	0.17721	0.20952	0.0001777	1.809E-08	0.00018	6.2E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
454	557089.4, 3777533.38	0.16669	0.19466	0.0001672	1.681E-08	0.00017	5.8E-08	1.7E-07	1.0E-07	9.2E-08	4.2E-08	1.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
455	557109.4, 3777533.38	0.15685	0.18075	0.0001573	1.561E-08	0.00016	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
456	557129.4, 3777533.38	0.14774	0.16785	0.0001482	1.45E-08	0.00015	5.1E-08	1.5E-07	9.0E-08	8.1E-08	3.7E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
457	557149.4, 3777533.38	0.13931	0.15593	0.0001397	1.347E-08	0.00014	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
458	557169.4, 3777533.38	0.13151	0.14496	0.0001319	1.252E-08	0.00013	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
459	557189.4, 3777533.38	0.12425	0.1349	0.0001246	1.165E-08	0.00012	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
460	557209.4, 3777533.38	0.11748	0.1257	0.0001178	1.086E-08	0.00012	4.1E-08	1.2E-07	7.1E-08	6.5E-08	2.9E-08	1.4E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
461	557229.4, 3777533.38	0.11109	0.11725	0.0001114	1.013E-08	0.00011	3.9E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
462	557249.4, 3777533.38	0.10509	0.10956	0.0001054	9.462E-09	0.00011	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
463	557269.4, 3777533.38	0.09941	0.10251	9.97E-05	8.853E-09	1E-04	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.2E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
464	557289.4, 3777533.38	0.09404	0.09607	9.431E-05	8.297E-09	9.4E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.1E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
465	557309.4, 3777533.38	0.08898	0.09017	8.924E-05	7.787E-09	8.9E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.0E-09	9.3E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
466	557329.4, 3777533.38	0.08421	0.08476	8.446E-05	7.32E-09	8.4E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	9.8E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
467	557349.4, 3777533.38	0.07973	0.07981	7.996E-05	6.893E-09	8E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	9.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
468	557369.4, 3777533.38	0.07553	0.07525	7.575E-05	6.499E-09	7.6E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	8.8E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
469	557389.4, 3777533.38	0.0716	0.07106	7.181E-05	6.137E-09	7.2E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	8.3E-10	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
470	557409.4, 3777533.38	0.06795	0.06721	6.815E-05	5.805E-09	6.8E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	7.9E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
471	557429.4, 3777533.38	0.06454	0.06366	6.473E-05	5.498E-09	6.5E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
472	557449.4, 3777533.38	0.06138	0.06038	6.156E-05	5.215E-09	6.2E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	7.1E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
473	557469.4, 3777533.38	0.05842	0.05735	5.859E-05	4.953E-09	5.9E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	6.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
474	557489.4, 3777533.38	0.05567	0.05454	5.583E-05	4.71E-09	5.6E-05	1.9E-08	5.8E-08	3.4E-08	3.1E-08	1.4E-08	6.5E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
475	556509.4, 3777553.38	0.2268	0.29732	0.0002275	2.568E-08	0.00023	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
476	556529.4, 3777553.38	0.2309	0.30477	0.0002316	2.632E-08	0.00023	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
477	556549.4, 3777553.38	0.23457	0.31193	0.0002353	2.694E-08	0.00024	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
478	556569.4, 3777553.38	0.23758	0.31861	0.0002383	2.752E-08	0.00024	8.2E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
479	556589.4, 3777553.38	0.23983	0.32481	0.0002405	2.805E-08	0.00024	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
480	556609.4, 3777553.38	0.24134	0.33048	0.000242	2.854E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
481	556629.4, 3777553.38	0.24212	0.3354	0.0002428	2.897E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08

482	556649.4, 3777553.38	0.24241	0.33947	0.0002431	2.932E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
483	556669.4, 3777553.38	0.24258	0.34275	0.0002433	2.96E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
484	556689.4, 3777553.38	0.24273	0.34483	0.0002434	2.978E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
485	556709.4, 3777553.38	0.24306	0.34561	0.0002438	2.985E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
486	556729.4, 3777553.38	0.24373	0.34525	0.0002444	2.982E-08	0.00024	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
487	556749.4, 3777553.38	0.24475	0.34394	0.0002455	2.97E-08	0.00025	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
488	556769.4, 3777553.38	0.24577	0.34131	0.0002465	2.948E-08	0.00025	8.5E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
489	556789.4, 3777553.38	0.2466	0.33753	0.0002473	2.915E-08	0.00025	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
490	556809.4, 3777553.38	0.24704	0.33283	0.0002478	2.874E-08	0.00025	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
491	556829.4, 3777553.38	0.24668	0.32705	0.0002474	2.825E-08	0.00025	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
492	556849.4, 3777553.38	0.24526	0.32034	0.000246	2.767E-08	0.00025	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.2E-08	2.8E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
493	556869.4, 3777553.38	0.24254	0.31259	0.0002432	2.7E-08	0.00024	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
494	556889.4, 3777553.38	0.23844	0.30381	0.0002391	2.624E-08	0.00024	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	2.8E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
495	556909.4, 3777553.38	0.23302	0.29396	0.0002337	2.539E-08	0.00023	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.7E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
496	556929.4, 3777553.38	0.22645	0.28303	0.0002271	2.444E-08	0.00023	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
497	556949.4, 3777553.38	0.21892	0.27113	0.0002196	2.342E-08	0.00022	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
498	556969.4, 3777553.38	0.21059	0.25836	0.0002112	2.231E-08	0.00021	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
499	556989.4, 3777553.38	0.20161	0.24498	0.0002022	2.116E-08	0.0002	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
500	557009.4, 3777553.38	0.1922	0.2313	0.0001928	1.998E-08	0.00019	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
501	557029.4, 3777553.38	0.1825	0.21757	0.000183	1.879E-08	0.00018	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
502	557049.4, 3777553.38	0.17278	0.20407	0.0001733	1.762E-08	0.00017	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
503	557069.4, 3777553.38	0.16323	0.19099	0.0001637	1.649E-08	0.00016	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
504	557089.4, 3777553.38	0.15405	0.1785	0.0001545	1.542E-08	0.00015	5.3E-08	1.6E-07	9.3E-08	8.5E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
505	557109.4, 3777553.38	0.14538	0.16668	0.0001458	1.44E-08	0.00015	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
506	557129.4, 3777553.38	0.1373	0.1556	0.0001377	1.344E-08	0.00014	4.8E-08	1.4E-07	8.3E-08	7.6E-08	3.4E-08	1.6E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
507	557149.4, 3777553.38	0.12981	0.14528	0.0001302	1.255E-08	0.00013	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
508	557169.4, 3777553.38	0.12286	0.13569	0.0001232	1.172E-08	0.00012	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
509	557189.4, 3777553.38	0.11642	0.12682	0.0001168	1.095E-08	0.00012	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
510	557209.4, 3777553.38	0.11041	0.11864	0.0001107	1.025E-08	0.00011	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
511	557229.4, 3777553.38	0.10475	0.11109	0.0001051	9.594E-09	0.00011	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
512	557249.4, 3777553.38	0.09942	0.10415	9.971E-05	8.995E-09	1E-04	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.2E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
513	557269.4, 3777553.38	0.09437	0.09776	9.465E-05	8.443E-09	9.5E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.1E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
514	557289.4, 3777553.38	0.08958	0.09189	8.984E-05	7.936E-09	9E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.0E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
515	557309.4, 3777553.38	0.08503	0.08648	8.528E-05	7.469E-09	8.5E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	9.9E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
516	557329.4, 3777553.38	0.08072	0.0815	8.096E-05	7.039E-09	8.1E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	9.4E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
517	557349.4, 3777553.38	0.07664	0.07692	7.686E-05	6.643E-09	7.7E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	8.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
518	557369.4, 3777553.38	0.07279	0.07269	7.3E-05	6.278E-09	7.3E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	8.4E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
519	557389.4, 3777553.38	0.06915	0.06877	6.935E-05	5.939E-09	6.9E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
520	557409.4, 3777553.38	0.06575	0.06516	6.594E-05	5.627E-09	6.6E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	7.6E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
521	557429.4, 3777553.38	0.06256	0.06182	6.274E-05	5.339E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
522	557449.4, 3777553.38	0.05959	0.05874	5.976E-05	5.073E-09	6E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	6.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
523	557469.4, 3777553.38	0.0568	0.05587	5.697E-05	4.825E-09	5.7E-05	2.0E-08	6.0E-08	3.4E-08	3.1E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
524	557489.4, 3777553.38	0.05419	0.0532	5.435E-05	4.595E-09	5.4E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
525	557438.91, 3777336.71	0.08189	0.07598	8.213E-05	6.562E-09	8.2E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	9.5E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
526	556615.91, 3777136.99	0.96674	4.83468	0.0009696	4.175E-07	0.00097	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
527	556586.37, 3777056.16	0.46381	0.94009	0.0004652	8.119E-08	0.00047	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.4E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
528	556672.35, 3776929.14	0.40864	0.5286	0.0004098	4.565E-08	0.00041	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
529	556692.35, 3776929.14	0.45647	0.56991	0.0004578	4.922E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
530	556712.35, 3776929.14	0.51192	0.61114	0.0005134	5.278E-08	0.00051	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
531	556732.35, 3776929.14	0.57142	0.64656	0.0005731	5.584E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
532	556752.35, 3776929.14	0.63845	0.67625	0.0006403	5.84E-08	0.00064	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	6.7E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
533	556772.35, 3776929.14	0.698	0.68959	0.0007	5.956E-08	0.0007	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	8.1E-09	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
534	556792.35, 3776929.14	0.75776	0.69362	0.00076	5.99E-08	0.00076	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	8.0E-08	0.0E+00	0.0E+00	0.0E+00	8.8E-08
535	556812.35, 3776929.14	0.82506	0.69175	0.0008275	5.974E-08	0.00083	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	8.7E-08	0.0E+00	0.0E+00	0.0E+00	9.6E-08
536	556832.35, 3776929.14	0.88052	0.67867	0.0008831	5.861E-08	0.00088	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	9.2E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
537	556852.35, 3776929.14	0.94733	0.66285	0.0009501	5.725E-08	0.00095	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	9.9E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
538	556672.35, 3776949.14	0.45601	0.6186	0.0004573	5.342E-08	0.00046	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	5.3E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
539	556692.35, 3776949.14	0.51345	0.66974	0.000515	5.784E-08	0.00052	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
540	556712.35, 3776949.14	0.57982	0.71728	0.0005815	6.195E-08	0.00058	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
541	556732.35, 3776949.14	0.65388	0.7564	0.0006558	6.533E-08	0.00066	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
542	556752.35, 3776949.14	0.73273	0.78304	0.0007349	6.763E-08	0.00073	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	8.5E-09	7.7E-08	0.0E+00	0.0E+00	0.0E+00	8.5E-08
543	556772.35, 3776949.14	0.81663	0.79752	0.000819	6.888E-08	0.00082	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.0E-07	9.5E-09	8.6E-08	0.0E+00	0.0E+00	0.0E+00	9.5E-08
544	556792.35, 3776949.14	0.90495	0.80051	0.0009076	6.914E-08	0.00091	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.0E-08	9.5E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
545	556812.35, 3776949.14	0.99103	0.79072	0.0009939	6.829E-08	0.00099	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
546	556832.35, 3776949.14	1.0643	0.76996	0.0010674	6.65E-08	0.00107	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
547	556852.35, 3776949.14	1.15207	0.74688	0.0011554	6.45E-08	0.00116	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
548	556672.35, 3776969.14	0.51169	0.73439	0.0005132	6.342E-08	0.00051	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
549	556692.35, 3776969.14	0.58097	0.7984	0.0005827	6.895E-08	0.00058	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
550	556712.35, 3776969.14	0.66336	0.85574	0.0006653	7.391E-08	0.00067	2.3E-07	7.0E-07	4.0E-07	3.6E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.7E-08
551	556732.35, 3776969.14	0.75763	0.89903	0.0007598	7.764E-08	0.00076	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	8.0E-08	0.0E+00	0.0E+00	0.0E+00	8.8E-08
552	556752.35, 3776969.14	0.86068	0.92416	0.0008632	7.981E-08	0.00086	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.0E-08	9.0E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
553	556772.35, 3776969.14	0.97143	0.93236	0.0009743	8.052E-08	0.00097	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
554	556792.35, 3776969.14	1.09	0.92707	0.0010932	8.007E-08	0.00109	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
555	556812.35, 3776969.14	1.2038	0.90716	0.0012073	7.835E-08	0.00121	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
556	556832.35, 3776969.14	1.31268	0.87831	0.0013165	7.585E-08	0.00132	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
557	556852.35, 3776969.14	1.42952	0.84598	0.0014337	7.306E-08	0.00143	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
558	556672.35, 3776989.14	0.57752	0.8869	0.0005792	7.66E-08	0.00058	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.4E-07	6.7E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
559	556692.35, 3776989.14	0.66168	0.968	0.0006636	8.36E-08	0.00066	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	7.7E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	7.7E-08
560	556712.35, 3776989.14	0.76443	1.0365	0.0007667	8.952E-08	0.00077	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.9E-09	8.0E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
561	556732.35, 3776989.14	0.88518	1.08201	0.0008878	9.345E-08	0.00089	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.3E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
562	556752.35, 3776989.14	1.02222	1.1019	0.0010252	9.516E-08	0.00103	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
563	556772.35, 3776989.14	1.17199	1.09906	0.0011754	9.492E-08	0.00118	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.4E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
564	556792.35, 3776989.14	1.33616	1.08113	0.0013401	9.337E-08	0.00134	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
565	556812.35, 3776989.14	1.49242	1.04735	0.0014968	9.045E-08	0.0015	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.7E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
566	556832.35, 3776989.14	1.64914	1.00633	0.001654	8.691E-08	0.00165	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
567	556852.35, 3776989.14	1.81521	0.96399	0.0018205	8.325E-08	0.00182	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
568	556672.35, 3777009.14	0.65439	1.09154	0.0006563	9.427E-08	0.00066	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	7.6E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
569	556692.35, 3777009.14	0.75885	1.1976	0.0007611	1.034E-07	0.00076	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	8.0E-08	0.0E+00	0.0E+00	0.0E+00	8.8E-08
570	556712.35, 3777009.14	0.8884	1.27823	0.000891	1.104E-07	0.00089	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.3E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
571	556732.35, 3777009.14	1.04444	1.32104	0.0010475	1.141E-07	0.00105	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
572	556752.35, 3777009.14	1.22889	1.32826	0.0012325	1.147E-07	0.00123	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
573	556772.35, 3777009.14	1.43721	1.3072	0.0014414	1.129E-07	0.00144	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
574	556792.35, 3777009.14	1.66815	1.26971	0.001673	1.097E-07	0.00167	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
575	556812.35, 3777009.14	1.89511	1.21719	0.0019007	1.051E-07	0.0019	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
576	556832.35, 3777009.14	2.12428	1.16072	0.0021305	1.002E-07	0.00213	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.5E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
577	556852.35, 3777009.14	2.36637	1.10632	0.0023733	9.555E-08	0.00237	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	2.8E-07
578	556672.35, 3777029.14	0.74715	1.38179	0.0007493	1.193E-07	0.00075	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.7E-09	7.8E-08	0.0E+00	0.0E+00	0.0E+00	8.7E-08
579	556692.35, 3777029.14	0.877	1.51942	0.0008796	1.312E-07	0.00088	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	9.2E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07

580	556712.35, 3777029.14	1.04342	1.61109	0.0010465	1.391E-07	0.00105	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
581	556732.35, 3777029.14	1.24666	1.63954	0.0012503	1.416E-07	0.00125	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
582	556752.35, 3777029.14	1.49863	1.62077	0.001503	1.4E-07	0.0015	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
583	556772.35, 3777029.14	1.79636	1.5701	0.0018016	1.356E-07	0.0018	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
584	556792.35, 3777029.14	2.13313	1.5033	0.0021394	1.298E-07	0.00214	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
585	556812.35, 3777029.14	2.47888	1.4273	0.0024861	1.233E-07	0.00249	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	2.9E-07
586	556832.35, 3777029.14	2.83588	1.35166	0.0028442	1.167E-07	0.00284	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.3E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.3E-07
587	556852.35, 3777029.14	3.17905	1.28066	0.0031883	1.106E-07	0.00319	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	3.7E-08	3.3E-07	0.0E+00	0.0E+00	0.0E+00	3.7E-07
588	556672.35, 3777049.14	0.85982	1.81481	0.0008623	1.567E-07	0.00086	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.0E-08	9.0E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
589	556692.35, 3777049.14	1.02384	1.99289	0.0010268	1.721E-07	0.00103	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
590	556712.35, 3777049.14	1.23881	2.08247	0.0012424	1.799E-07	0.00124	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
591	556732.35, 3777049.14	1.51033	2.07435	0.0015147	1.791E-07	0.00151	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
592	556752.35, 3777049.14	1.86157	2.00633	0.001867	1.733E-07	0.00187	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
593	556772.35, 3777049.14	2.29933	1.9084	0.0023061	1.648E-07	0.00231	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
594	556792.35, 3777049.14	2.81027	1.80011	0.0028185	1.555E-07	0.00282	9.8E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	3.3E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.3E-07
595	556812.35, 3777049.14	3.37245	1.69288	0.0033823	1.462E-07	0.00338	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.5E-07	3.9E-08	3.5E-07	0.0E+00	0.0E+00	0.0E+00	3.9E-07
596	556832.35, 3777049.14	3.94208	1.59141	0.0039536	1.374E-07	0.00395	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.6E-08	4.1E-07	0.0E+00	0.0E+00	0.0E+00	4.6E-07
597	556852.35, 3777049.14	4.42872	1.49918	0.0044417	1.295E-07	0.00444	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	4.7E-07	0.0E+00	0.0E+00	0.0E+00	5.2E-07
598	556927.54, 3776959.53	1.55388	0.68578	0.0015584	5.923E-08	0.00156	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
599	556947.54, 3776959.53	1.45909	0.64982	0.0014634	5.612E-08	0.00146	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
600	556967.54, 3776959.53	1.299	0.6127	0.0013028	5.292E-08	0.0013	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
601	556987.54, 3776959.53	1.11422	0.575	0.0011175	4.966E-08	0.00112	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
602	557007.54, 3776959.53	0.93781	0.53424	0.0009406	4.614E-08	0.00094	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
603	557027.54, 3776959.53	0.78806	0.49238	0.0007904	4.252E-08	0.00079	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	9.1E-09	8.3E-08	0.0E+00	0.0E+00	0.0E+00	9.2E-08
604	557047.54, 3776959.53	0.66801	0.45044	0.00067	3.89E-08	0.00067	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
605	557067.54, 3776959.53	0.57229	0.4095	0.000574	3.537E-08	0.00057	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
606	557087.54, 3776959.53	0.49432	0.37046	0.0004958	3.199E-08	0.0005	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
607	556927.54, 3776979.53	1.83739	0.76524	0.0018428	6.609E-08	0.00184	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
608	556947.54, 3776979.53	1.66026	0.72174	0.0016651	6.233E-08	0.00167	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.9E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
609	556967.54, 3776979.53	1.42511	0.67529	0.0014293	5.832E-08	0.00143	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
610	556987.54, 3776979.53	1.18801	0.62686	0.0011915	5.414E-08	0.00119	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
611	557007.54, 3776979.53	0.98368	0.57932	0.0009866	5.003E-08	0.00099	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
612	557027.54, 3776979.53	0.82024	0.52908	0.0008226	4.569E-08	0.00082	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	8.6E-08	0.0E+00	0.0E+00	0.0E+00	9.6E-08
613	557047.54, 3776979.53	0.69248	0.47959	0.0006945	4.142E-08	0.00069	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
614	557067.54, 3776979.53	0.59103	0.43219	0.0005928	3.733E-08	0.00059	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	6.2E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-08
615	557087.54, 3776979.53	0.50797	0.38778	0.0005095	3.349E-08	0.00051	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
616	556927.54, 3776999.53	2.16431	0.8592	0.0021706	7.42E-08	0.00217	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
617	556947.54, 3776999.53	1.87176	0.80443	0.0018772	6.947E-08	0.00188	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
618	556967.54, 3776999.53	1.54831	0.74712	0.0015528	6.452E-08	0.00155	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.8E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.8E-07
619	556987.54, 3776999.53	1.2595	0.68975	0.0012632	5.957E-08	0.00126	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.5E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
620	557007.54, 3776999.53	1.03011	0.62897	0.0010331	5.432E-08	0.00103	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
621	557027.54, 3776999.53	0.85458	0.56853	0.0008571	4.91E-08	0.00086	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	9.0E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
622	557047.54, 3776999.53	0.7186	0.51019	0.0007207	4.406E-08	0.00072	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	8.3E-09	7.5E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
623	557067.54, 3776999.53	0.61011	0.45541	0.0006119	3.933E-08	0.00061	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
624	557087.54, 3776999.53	0.52137	0.40517	0.0005229	3.499E-08	0.00052	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.0E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
625	556927.54, 3777019.53	2.53182	0.97175	0.0025392	8.392E-08	0.00254	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.9E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	3.0E-07
626	556947.54, 3777019.53	2.08665	0.90267	0.0020928	7.796E-08	0.00209	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.4E-07
627	556967.54, 3777019.53	1.66737	0.83077	0.0016722	7.175E-08	0.00167	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
628	556987.54, 3777019.53	1.33149	0.75831	0.0013354	6.549E-08	0.00134	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.5E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
629	557007.54, 3777019.53	1.08038	0.68351	0.0010835	5.903E-08	0.00108	3.8E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.3E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
630	557027.54, 3777019.53	0.89221	0.61075	0.0008948	5.275E-08	0.00089	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	9.4E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
631	557047.54, 3777019.53	0.74623	0.54213	0.0007484	4.682E-08	0.00075	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.7E-09	7.8E-08	0.0E+00	0.0E+00	0.0E+00	8.7E-08
632	557067.54, 3777019.53	0.62942	0.47914	0.0006313	4.138E-08	0.00063	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	6.6E-08	0.0E+00	0.0E+00	0.0E+00	7.3E-08
633	557087.54, 3777019.53	0.53436	0.42251	0.0005359	3.649E-08	0.00054	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.2E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
634	556927.54, 3777039.53	2.93674	1.10851	0.0029453	9.574E-08	0.00295	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.4E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-07
635	556947.54, 3777039.53	2.30325	1.01942	0.00231	8.804E-08	0.00231	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
636	556967.54, 3777039.53	1.78685	0.92956	0.0017921	8.028E-08	0.00179	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
637	556987.54, 3777039.53	1.40944	0.83553	0.0014136	7.216E-08	0.00141	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
638	557007.54, 3777039.53	1.13676	0.74316	0.0011401	6.418E-08	0.00114	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
639	557027.54, 3777039.53	0.93308	0.65564	0.0009358	5.662E-08	0.00094	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.1E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
640	557047.54, 3777039.53	0.77459	0.57521	0.0007769	4.968E-08	0.00078	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	9.0E-09	8.1E-08	0.0E+00	0.0E+00	0.0E+00	9.0E-08
641	557067.54, 3777039.53	0.64826	0.50305	0.0006502	4.345E-08	0.00065	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
642	557087.54, 3777039.53	0.54681	0.43959	0.0005484	3.796E-08	0.00055	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	6.3E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	6.4E-08
643	557047.54, 3777059.53	0.80244	0.60606	0.0008048	5.234E-08	0.0008	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	8.4E-08	0.0E+00	0.0E+00	0.0E+00	9.4E-08
644	557067.54, 3777059.53	0.66642	0.52433	0.0006684	4.528E-08	0.00067	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
645	557087.54, 3777059.53	0.55892	0.45405	0.0005606	3.921E-08	0.00056	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
646	556919.02, 3777174.93	9.03972	4.31315	0.0090661	3.725E-07	0.00907	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	1.0E-07	9.5E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-06
647	556939.02, 3777174.93	5.13625	3.18793	0.0051513	2.753E-07	0.00515	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.0E-08	5.4E-07	0.0E+00	0.0E+00	0.0E+00	6.0E-07
648	556919.02, 3777194.93	7.84109	5.62975	0.007864	4.862E-07	0.00786	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	9.1E-08	8.2E-07	0.0E+00	0.0E+00	0.0E+00	9.1E-07
649	556939.02, 3777194.93	4.73694	3.878	0.0047508	3.349E-07	0.00475	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.5E-08	5.0E-07	0.0E+00	0.0E+00	0.0E+00	5.5E-07
650	556919.02, 3777214.93	6.10215	7.39111	0.00612	6.383E-07	0.00612	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.1E-08	6.4E-07	0.0E+00	0.0E+00	0.0E+00	7.1E-07
651	556939.02, 3777214.93	4.02742	4.74005	0.0040392	4.094E-07	0.00404	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.7E-08	4.2E-07	0.0E+00	0.0E+00	0.0E+00	4.7E-07
652	556919.02, 3777234.93	4.58021	9.28704	0.0045936	8.021E-07	0.00459	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	5.3E-08	4.8E-07	0.0E+00	0.0E+00	0.0E+00	5.3E-07
653	556939.02, 3777234.93	3.26972	5.8633	0.0032793	5.064E-07	0.00328	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	3.4E-07	0.0E+00	0.0E+00	0.0E+00	3.8E-07
654	556919.02, 3777254.93	3.41855	12.2315	0.0034285	1.056E-06	0.00343	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.0E-08	3.6E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
655	556939.02, 3777254.93	2.60437	7.77642	0.002612	6.716E-07	0.00261	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	3.0E-07
656	557023.57, 3777171.57	1.20265	1.03314	0.0012062	8.923E-08	0.00121	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.4E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
657	557043.57, 3777171.57	0.94833	0.822	0.0009511	7.099E-08	0.00095	3.3E-07	9.9E-07	5.8E-07	5.2E-07	2.4E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
658	557063.57, 3777171.57	0.76592	0.66609	0.0007682	5.753E-08	0.00077	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.9E-09	8.0E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
659	557083.57, 3777171.57	0.6304	0.54848	0.0006322	4.737E-08	0.00063	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	6.6E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
660	557023.57, 3777191.57	1.18637	1.08407	0.0011898	9.362E-08	0.00119	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
661	557043.57, 3777191.57	0.94005	0.85093	0.0009428	7.349E-08	0.00094	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.1E-08	9.9E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
662	557063.57, 3777191.57	0.76189	0.68418	0.0007641	5.909E-08	0.00076	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	8.0E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
663	557083.57, 3777191.57	0.62857	0.56025	0.0006304	4.839E-08	0.00063	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	7.3E-09	6.6E-08	0.0E+00	0.0E+00	0.0E+00	7.3E-08
664	557023.57, 3777211.57	1.14126	1.12616	0.0011446	9.726E-08	0.00114	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
665	557043.57, 3777211.57	0.91195	0.87151	0.0009146	7.527E-08	0.00091	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.1E-08	9.6E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
666	557063.57, 3777211.57	0.74368	0.69427	0.0007459	5.996E-08	0.00075	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	7.8E-08	0.0E+00	0.0E+00	0.0E+00	8.7E-08
667	557083.57, 3777211.57	0.61765	0.57095	0.0006195	4.931E-08	0.00062	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.6E-07	7.2E-09	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.2E-08
668	557023.57, 3777231.57	1.06976	1.15689	0.0010729	9.991E-08	0.00107	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
669	557043.57, 3777231.57	0.86542	0.88387	0.000868	7.633E-08	0.00087	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	9.1E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
670	557063.57, 3777231.57	0.7124	0.69856	0.0007145	6.033E-08	0.00071	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	7.5E-08	0.0E+00	0.0E+00	0.0E+00	8.3E-08
671	557083.57, 3777231.57	0.59672	0.57721	0.0005985	4.985E-08	0.0006	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	6.3E-08	0.0E+00	0.0E+00	0.0E+00	7.0E-08
672	557023.57, 3777251.57	0.98147	1.17656	0.0009843	1.016E-07	0.00098	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.1E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-07
673	557043.57, 3777251.57	0.80607	0.89069	0.0008084	7.692E-08	0.00081	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	8.5E-08	0.0E+00	0.0E+00	0.0E+00	9.4E-08
674	557063.57, 3777251.57	0.67111	0.69861	0.0006731	6.033E-08	0.00067	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.8E-09	7.0E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
675	557083.57, 3777251.57	0.56734	0.57681	0.000569	4.982E-08	0.00057	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.6E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.6E-08
676	556249.05, 3776972.85	0.08177	0.09897	8.201E-05	8.547E-09	8.2E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	9.5E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
677	556269.05, 3776972.85	0.08638	0.10435	8.663E-05	9.012E-09	8.7E-05	3.0E-08	9.1E-08	5.2E-08	4.8E-08	2.2E-08	1.0E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08

678	556229.05, 3776992.85	0.08132	0.09953	8.156E-05	8.596E-09	8.2E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	9.4E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
679	556249.05, 3776992.85	0.08572	0.10501	8.597E-05	9.069E-09	8.6E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	9.9E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
680	556269.05, 3776992.85	0.09093	0.11215	9.12E-05	9.686E-09	9.1E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
681	556289.05, 3776992.85	0.09642	0.11974	9.67E-05	1.034E-08	9.7E-05	3.3E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
682	556309.05, 3776992.85	0.10252	0.12734	0.0001028	1.1E-08	0.0001	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
683	556329.05, 3776992.85	0.10857	0.13526	0.0001089	1.168E-08	0.00011	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.3E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
684	556209.05, 3777012.85	0.08083	0.10004	8.107E-05	8.64E-09	8.1E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	9.4E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
685	556229.05, 3777012.85	0.08498	0.10511	8.523E-05	9.078E-09	8.5E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	9.9E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
686	556249.05, 3777012.85	0.09002	0.11204	9.028E-05	9.676E-09	9E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.0E-09	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
687	556269.05, 3777012.85	0.09566	0.12014	9.594E-05	1.038E-08	9.6E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.1E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
688	556289.05, 3777012.85	0.10185	0.12918	0.0001021	1.116E-08	0.0001	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
689	556309.05, 3777012.85	0.10835	0.13805	0.0001087	1.192E-08	0.00011	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.3E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
690	556329.05, 3777012.85	0.11586	0.14932	0.0001162	1.29E-08	0.00012	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
691	556209.05, 3777032.85	0.08407	0.10514	8.432E-05	9.08E-09	8.4E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	9.7E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
692	556229.05, 3777032.85	0.08899	0.11182	8.925E-05	9.657E-09	8.9E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.0E-09	9.3E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
693	556249.05, 3777032.85	0.09449	0.11957	9.477E-05	1.033E-08	9.5E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.1E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
694	556269.05, 3777032.85	0.10055	0.12842	0.0001008	1.109E-08	0.0001	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
695	556289.05, 3777032.85	0.10739	0.13865	0.0001077	1.197E-08	0.00011	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
696	556309.05, 3777032.85	0.11471	0.14969	0.000115	1.293E-08	0.00012	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
697	556209.05, 3777052.85	0.08787	0.11175	8.813E-05	9.651E-09	8.8E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.0E-09	9.2E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
698	556229.05, 3777052.85	0.09311	0.11906	9.338E-05	1.028E-08	9.3E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.1E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
699	556249.05, 3777052.85	0.09923	0.12827	9.952E-05	1.108E-08	1E-04	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.2E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
700	556269.05, 3777052.85	0.10579	0.13796	0.0001061	1.191E-08	0.00011	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
701	556289.05, 3777052.85	0.11309	0.1491	0.0001134	1.288E-08	0.00011	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
702	556309.05, 3777052.85	0.1212	0.16172	0.0001216	1.397E-08	0.00012	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
703	556249.05, 3777072.85	0.10406	0.13696	0.0001044	1.183E-08	0.0001	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
704	556269.05, 3777072.85	0.11132	0.14818	0.0001116	1.28E-08	0.00011	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.3E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
705	556289.05, 3777072.85	0.11922	0.16058	0.0001196	1.387E-08	0.00012	4.1E-08	1.2E-07	7.2E-08	6.6E-08	3.0E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
706	556269.05, 3777092.85	0.11729	0.15931	0.0001176	1.376E-08	0.00012	4.1E-08	1.2E-07	7.1E-08	6.5E-08	2.9E-08	1.4E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
707	556441.69, 3776927.49	0.12979	0.1608	0.0001302	1.389E-08	0.00013	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
708	556461.69, 3776927.49	0.14019	0.17568	0.0001406	1.517E-08	0.00014	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
709	556481.69, 3776927.49	0.15036	0.19128	0.0001508	1.652E-08	0.00015	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
710	556421.69, 3776947.49	0.12904	0.1615	0.0001294	1.395E-08	0.00013	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
711	556441.69, 3776947.49	0.13817	0.17482	0.0001386	1.51E-08	0.00014	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
712	556461.69, 3776947.49	0.14993	0.19182	0.0001504	1.657E-08	0.00015	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
713	556481.69, 3776947.49	0.16173	0.20994	0.0001622	1.813E-08	0.00016	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	1.9E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
714	556401.69, 3776967.49	0.12757	0.16169	0.0001279	1.396E-08	0.00013	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.5E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
715	556421.69, 3776967.49	0.13753	0.17607	0.0001379	1.521E-08	0.00014	4.8E-08	1.4E-07	8.3E-08	7.6E-08	3.5E-08	1.6E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
716	556441.69, 3776967.49	0.14741	0.19105	0.0001478	1.65E-08	0.00015	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
717	556461.69, 3776967.49	0.15944	0.20931	0.0001599	1.808E-08	0.00016	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
718	556481.69, 3776967.49	0.17408	0.23174	0.0001746	2.001E-08	0.00017	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
719	556401.69, 3776987.49	0.13582	0.17583	0.0001362	1.519E-08	0.00014	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.6E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
720	556421.69, 3776987.49	0.146	0.1915	0.0001464	1.654E-08	0.00015	5.1E-08	1.5E-07	8.9E-08	8.0E-08	3.7E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
721	556441.69, 3776987.49	0.15826	0.21034	0.0001587	1.817E-08	0.00016	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
722	556461.69, 3776987.49	0.17169	0.2316	0.0001722	2E-08	0.00017	6.0E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
723	556481.69, 3776987.49	0.18786	0.25752	0.0001884	2.224E-08	0.00019	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
724	556421.69, 3777007.49	0.156	0.20948	0.0001565	1.809E-08	0.00016	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	1.8E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
725	556441.69, 3777007.49	0.16866	0.23032	0.0001692	1.989E-08	0.00017	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
726	556461.69, 3777007.49	0.18378	0.25544	0.0001843	2.206E-08	0.00018	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
727	556481.69, 3777007.49	0.20219	0.28642	0.0002028	2.474E-08	0.0002	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
728	556441.69, 3777027.49	0.18134	0.25436	0.0001819	2.197E-08	0.00018	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
729	556461.69, 3777027.49	0.19717	0.28262	0.0001977	2.441E-08	0.0002	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
730	556481.69, 3777027.49	0.21764	0.31926	0.0002183	2.757E-08	0.00022	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.5E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
731	556251.24, 3777154.95	0.13381	0.18696	0.0001342	1.615E-08	0.00013	4.6E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.6E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
732	556261.28, 3777141.2	0.13265	0.18598	0.000133	1.606E-08	0.00013	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
733	556264.98, 3777168.16	0.14745	0.20849	0.0001479	1.801E-08	0.00015	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
734	556279.25, 3777151.77	0.1471	0.21003	0.0001475	1.814E-08	0.00015	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	1.7E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
735	556202.6, 3777113.45	0.1	0.13315	0.0001003	1.15E-08	0.0001	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
736	556220.05, 3777109.75	0.10475	0.14047	0.0001051	1.213E-08	0.00011	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
737	556187.53, 3777090.19	0.09031	0.11763	9.057E-05	1.016E-08	9.1E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.0E-09	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
738	556164.27, 3777121.38	0.09127	0.12003	9.154E-05	1.037E-08	9.2E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.1E-09	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
739	557510.26, 3776508.23	0.06985	0.0624	7.005E-05	5.389E-09	7E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	8.1E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
740	557530.26, 3776508.23	0.06556	0.05959	6.575E-05	5.146E-09	6.6E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	7.6E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
741	557550.26, 3776508.23	0.06146	0.05692	6.164E-05	4.916E-09	6.2E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	7.1E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
742	557570.26, 3776508.23	0.05761	0.05438	5.778E-05	4.696E-09	5.8E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	6.7E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
743	557590.26, 3776508.23	0.05408	0.05201	5.424E-05	4.492E-09	5.4E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
744	557610.26, 3776508.23	0.05088	0.04978	5.103E-05	4.299E-09	5.1E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	5.9E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
745	557630.26, 3776508.23	0.04787	0.04766	4.801E-05	4.116E-09	4.8E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.6E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
746	557650.26, 3776508.23	0.04513	0.04566	4.526E-05	3.943E-09	4.5E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
747	557670.26, 3776508.23	0.04253	0.04373	4.265E-05	3.777E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
748	557690.26, 3776508.23	0.0401	0.04188	4.022E-05	3.617E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
749	557510.26, 3776528.23	0.06904	0.0627	6.924E-05	5.415E-09	6.9E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	8.0E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
750	557530.26, 3776528.23	0.0646	0.0598	6.479E-05	5.165E-09	6.5E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
751	557550.26, 3776528.23	0.06047	0.05707	6.065E-05	4.929E-09	6.1E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
752	557570.26, 3776528.23	0.05654	0.05446	5.671E-05	4.703E-09	5.7E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.6E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
753	557590.26, 3776528.23	0.05304	0.05204	5.32E-05	4.494E-09	5.3E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
754	557610.26, 3776528.23	0.04984	0.04976	4.999E-05	4.297E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.3E-08	5.8E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
755	557630.26, 3776528.23	0.04692	0.04762	4.706E-05	4.113E-09	4.7E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
756	557650.26, 3776528.23	0.04427	0.0456	4.44E-05	3.938E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
757	557670.26, 3776528.23	0.04169	0.04363	4.181E-05	3.768E-09	4.2E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	4.8E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
758	557690.26, 3776528.23	0.0394	0.04178	3.952E-05	3.608E-09	4E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	4.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
759	557510.26, 3776548.23	0.06785	0.06288	6.805E-05	5.431E-09	6.8E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	7.9E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
760	557530.26, 3776548.23	0.06348	0.05995	6.367E-05	5.178E-09	6.4E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	7.4E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
761	557550.26, 3776548.23	0.05912	0.05709	5.929E-05	4.931E-09	5.9E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	6.9E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
762	557570.26, 3776548.23	0.05519	0.05442	5.535E-05	4.7E-09	5.5E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	6.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
763	557590.26, 3776548.23	0.0518	0.05198	5.195E-05	4.489E-09	5.2E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	6.0E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
764	557610.26, 3776548.23	0.04865	0.04966	4.879E-05	4.289E-09	4.9E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	5.6E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
765	557630.26, 3776548.23	0.04581	0.04748	4.594E-05	4.101E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
766	557650.26, 3776548.23	0.04327	0.04544	4.34E-05	3.924E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
767	557670.26, 3776548.23	0.04084	0.04347	4.096E-05	3.754E-09	4.1E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	4.7E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
768	557690.26, 3776548.23	0.03868	0.04164	3.879E-05	3.596E-09	3.9E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	4.5E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
769	557510.26, 3776568.23	0.06643	0.063	6.662E-05	5.441E-09	6.7E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	7.7E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
770	557530.26, 3776568.23	0.06202	0.05999	6.22E-05	5.181E-09	6.2E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	7.2E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
771	557550.26, 3776568.23	0.05778	0.05709	5.795E-05	4.931E-09	5.8E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	6.7E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
772	557570.26, 3776568.23	0.05386	0.05435	5.402E-05	4.694E-09	5.4E-05	1.9E-08	5.6E-08	3.3E-08	3.0E-08	1.4E-08	6.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
773	557590.26, 3776568.23	0.0505	0.05185	5.065E-05	4.478E-09	5.1E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	5.9E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
774	557610.26, 3776568.23	0.04744	0.04949	4.758E-05	4.274E-09	4.8E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
775	557630.26, 3776568.23	0.0447	0.04729	4.483E-05	4.084E-09	4.5E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09

776	557650.26, 3776568.23	0.0423	0.04525	4.242E-05	3.908E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
777	557670.26, 3776568.23	0.03999	0.04327	4.011E-05	3.737E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
778	557690.26, 3776568.23	0.0379	0.0414	3.801E-05	3.575E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
779	557510.26, 3776588.23	0.06485	0.06303	6.504E-05	5.444E-09	6.5E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
780	557530.26, 3776588.23	0.06054	0.05998	6.072E-05	5.18E-09	6.1E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
781	557550.26, 3776588.23	0.05641	0.05703	5.657E-05	4.925E-09	5.7E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
782	557570.26, 3776588.23	0.05257	0.05422	5.272E-05	4.683E-09	5.3E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
783	557590.26, 3776588.23	0.04923	0.05164	4.937E-05	4.46E-09	4.9E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	5.7E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
784	557610.26, 3776588.23	0.04629	0.04926	4.643E-05	4.254E-09	4.6E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.4E-09
785	557630.26, 3776588.23	0.04375	0.04708	4.388E-05	4.066E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
786	557650.26, 3776588.23	0.04143	0.04501	4.155E-05	3.887E-09	4.2E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	4.8E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
787	557670.26, 3776588.23	0.03929	0.04305	3.94E-05	3.718E-09	3.9E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	4.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
788	557690.26, 3776588.23	0.03735	0.0412	3.746E-05	3.558E-09	3.7E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	4.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
789	557510.26, 3776608.23	0.06328	0.06299	6.347E-05	5.44E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
790	557530.26, 3776608.23	0.05908	0.05989	5.925E-05	5.172E-09	5.9E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	6.8E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
791	557550.26, 3776608.23	0.05507	0.05689	5.523E-05	4.913E-09	5.5E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	6.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
792	557570.26, 3776608.23	0.05146	0.05407	5.161E-05	4.67E-09	5.2E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	6.0E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
793	557590.26, 3776608.23	0.04822	0.05143	4.836E-05	4.442E-09	4.8E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	5.6E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
794	557610.26, 3776608.23	0.04541	0.04902	4.554E-05	4.234E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
795	557630.26, 3776608.23	0.04295	0.04682	4.308E-05	4.044E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
796	557650.26, 3776608.23	0.04071	0.04473	4.083E-05	3.863E-09	4.1E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	4.7E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
797	557670.26, 3776608.23	0.03865	0.04275	3.876E-05	3.692E-09	3.9E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	4.5E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
798	557690.26, 3776608.23	0.03678	0.04089	3.689E-05	3.531E-09	3.7E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.2E-09	4.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
799	557510.26, 3776628.23	0.06192	0.06291	6.21E-05	5.433E-09	6.2E-05	2.1E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	7.2E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
800	557530.26, 3776628.23	0.05778	0.05973	5.795E-05	5.159E-09	5.8E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	6.7E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
801	557550.26, 3776628.23	0.05392	0.05667	5.408E-05	4.894E-09	5.4E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
802	557570.26, 3776628.23	0.05064	0.05394	5.079E-05	4.658E-09	5.1E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	5.9E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
803	557590.26, 3776628.23	0.04746	0.05119	4.76E-05	4.421E-09	4.8E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
804	557610.26, 3776628.23	0.04476	0.04876	4.489E-05	4.211E-09	4.5E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
805	557630.26, 3776628.23	0.04236	0.04652	4.248E-05	4.018E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
806	557650.26, 3776628.23	0.04022	0.04445	4.034E-05	3.839E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.7E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
807	557670.26, 3776628.23	0.03825	0.04247	3.836E-05	3.668E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
808	557690.26, 3776628.23	0.03647	0.04062	3.658E-05	3.508E-09	3.7E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
809	557510.26, 3776648.23	0.06076	0.06275	6.094E-05	5.419E-09	6.1E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
810	557530.26, 3776648.23	0.05672	0.05948	5.689E-05	5.137E-09	5.7E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
811	557550.26, 3776648.23	0.05308	0.05638	5.324E-05	4.869E-09	5.3E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	6.2E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
812	557570.26, 3776648.23	0.04983	0.05347	4.998E-05	4.618E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.3E-08	5.8E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
813	557590.26, 3776648.23	0.04696	0.05088	4.71E-05	4.394E-09	4.7E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
814	557610.26, 3776648.23	0.04437	0.04833	4.45E-05	4.174E-09	4.5E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
815	557630.26, 3776648.23	0.04204	0.04618	4.216E-05	3.988E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
816	557650.26, 3776648.23	0.03995	0.04412	4.007E-05	3.81E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
817	557670.26, 3776648.23	0.03805	0.04213	3.816E-05	3.639E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
818	557690.26, 3776648.23	0.03632	0.04029	3.643E-05	3.48E-09	3.6E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
819	557510.26, 3776668.23	0.06	0.06224	6.018E-05	5.375E-09	6E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	7.0E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
820	557530.26, 3776668.23	0.05613	0.05884	5.629E-05	5.082E-09	5.6E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
821	557550.26, 3776668.23	0.05268	0.05554	5.283E-05	4.797E-09	5.3E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
822	557570.26, 3776668.23	0.04959	0.0524	4.973E-05	4.525E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	5.7E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
823	557590.26, 3776668.23	0.04678	0.04997	4.692E-05	4.316E-09	4.7E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
824	557610.26, 3776668.23	0.04429	0.04738	4.442E-05	4.092E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
825	557630.26, 3776668.23	0.04202	0.04516	4.214E-05	3.9E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
826	557650.26, 3776668.23	0.03995	0.04321	4.007E-05	3.732E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
827	557670.26, 3776668.23	0.03809	0.04142	3.82E-05	3.577E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
828	557690.26, 3776668.23	0.03639	0.03966	3.65E-05	3.425E-09	3.6E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
829	557510.26, 3776688.23	0.05967	0.06115	5.984E-05	5.281E-09	6E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	6.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
830	557530.26, 3776688.23	0.05592	0.05775	5.608E-05	4.988E-09	5.6E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
831	557550.26, 3776688.23	0.05258	0.05456	5.273E-05	4.712E-09	5.3E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
832	557570.26, 3776688.23	0.04957	0.05176	4.971E-05	4.47E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	5.7E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
833	557590.26, 3776688.23	0.04685	0.04917	4.699E-05	4.247E-09	4.7E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
834	557610.26, 3776688.23	0.0444	0.04664	4.453E-05	4.028E-09	4.5E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
835	557630.26, 3776688.23	0.04217	0.04454	4.229E-05	3.847E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
836	557650.26, 3776688.23	0.04013	0.04251	4.025E-05	3.671E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.7E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
837	557670.26, 3776688.23	0.03829	0.04058	3.84E-05	3.505E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
838	557690.26, 3776688.23	0.03662	0.03876	3.673E-05	3.347E-09	3.7E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
839	556172.49, 3776517.81	0.02675	0.02848	2.683E-05	2.46E-09	2.7E-05	9.3E-09	2.8E-08	1.6E-08	1.5E-08	6.7E-09	3.1E-10	2.8E-09	0.0E+00	0.0E+00	0.0E+00	3.1E-09
840	556192.49, 3776517.81	0.02757	0.02953	2.765E-05	2.55E-09	2.8E-05	9.6E-09	2.9E-08	1.7E-08	1.5E-08	6.9E-09	3.2E-10	2.9E-09	0.0E+00	0.0E+00	0.0E+00	3.2E-09
841	556212.49, 3776517.81	0.02825	0.0305	2.833E-05	2.634E-09	2.8E-05	9.8E-09	3.0E-08	1.7E-08	1.6E-08	7.1E-09	3.3E-10	3.0E-09	0.0E+00	0.0E+00	0.0E+00	3.3E-09
842	556232.49, 3776517.81	0.02906	0.03161	2.914E-05	2.73E-09	2.9E-05	1.0E-08	3.0E-08	1.8E-08	1.6E-08	7.3E-09	3.4E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.4E-09
843	556252.49, 3776517.81	0.02993	0.03281	3.002E-05	2.834E-09	3E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	3.5E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.5E-09
844	556272.49, 3776517.81	0.03098	0.03415	3.107E-05	2.949E-09	3.1E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.8E-09	3.6E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
845	556292.49, 3776517.81	0.0321	0.03554	3.219E-05	3.069E-09	3.2E-05	1.1E-08	3.4E-08	1.9E-08	1.8E-08	8.1E-09	3.7E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
846	556312.49, 3776517.81	0.0333	0.03696	3.34E-05	3.192E-09	3.3E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.4E-09	3.9E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	3.9E-09
847	556332.49, 3776517.81	0.03473	0.03851	3.483E-05	3.326E-09	3.5E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.0E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
848	556352.49, 3776517.81	0.03623	0.04002	3.634E-05	3.456E-09	3.6E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
849	556372.49, 3776517.81	0.03776	0.04146	3.787E-05	3.581E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
850	556392.49, 3776517.81	0.03971	0.04315	3.983E-05	3.727E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
851	556412.49, 3776517.81	0.04165	0.04478	4.177E-05	3.867E-09	4.2E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	4.8E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
852	556432.49, 3776517.81	0.04361	0.04641	4.374E-05	4.008E-09	4.4E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
853	556452.49, 3776517.81	0.04553	0.04805	4.566E-05	4.15E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
854	556472.49, 3776517.81	0.04762	0.04991	4.776E-05	4.31E-09	4.8E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
855	556492.49, 3776517.81	0.04965	0.05179	4.98E-05	4.473E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	5.8E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
856	556172.49, 3776537.81	0.02765	0.02937	2.773E-05	2.537E-09	2.8E-05	9.6E-09	2.9E-08	1.7E-08	1.5E-08	6.9E-09	3.2E-10	2.9E-09	0.0E+00	0.0E+00	0.0E+00	3.2E-09
857	556192.49, 3776537.81	0.02844	0.03041	2.852E-05	2.626E-09	2.9E-05	9.9E-09	3.0E-08	1.7E-08	1.6E-08	7.1E-09	3.3E-10	3.0E-09	0.0E+00	0.0E+00	0.0E+00	3.3E-09
858	556212.49, 3776537.81	0.02928	0.03152	2.937E-05	2.722E-09	2.9E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	3.4E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.4E-09
859	556232.49, 3776537.81	0.03012	0.03267	3.021E-05	2.822E-09	3E-05	1.0E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	3.5E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.5E-09
860	556252.49, 3776537.81	0.03102	0.03391	3.111E-05	2.929E-09	3.1E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	3.6E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
861	556272.49, 3776537.81	0.03197	0.03522	3.206E-05	3.042E-09	3.2E-05	1.1E-08	3.4E-08	1.9E-08	1.8E-08	8.0E-09	3.7E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
862	556292.49, 3776537.81	0.0332	0.03676	3.33E-05	3.175E-09	3.3E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	3.8E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	3.9E-09
863	556312.49, 3776537.81	0.03446	0.03831	3.456E-05	3.309E-09	3.5E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.0E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
864	556332.49, 3776537.81	0.03592	0.03996	3.603E-05	3.451E-09	3.6E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
865	556352.49, 3776537.81	0.03745	0.04161	3.756E-05	3.594E-09	3.8E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	4.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
866	556372.49, 3776537.81	0.03905	0.04321	3.916E-05	3.732E-09	3.9E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	4.5E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
867	556392.49, 3776537.81	0.04082	0.04484	4.094E-05	3.873E-09	4.1E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	4.7E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
868	556412.49, 3776537.81	0.04298	0.0467	4.311E-05	4.033E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
869	556432.49, 3776537.81	0.04516	0.04854	4.529E-05	4.192E-09	4.5E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
870	556452.49, 3776537.81	0.04727	0.05031	4.741E-05	4.345E-09	4.7E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
871	556472.49, 3776537.81	0.0496	0.05235	4.975E-05	4.521E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	5.8E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
872	556492.49, 3776537.81	0.05189	0.05442	5.204E-05	4.7E-09	5.2E-05	1.8E-08	5.4E-08	3.1E-08	2.9E-08	1.3E-08	6.0E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
873	556332.49, 3776557.81	0.03729	0.04156	3.74E-05	3.589E-09	3.7E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	4.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09

874	556352.49, 3776557.81	0.03871	0.04322	3.882E-05	3.733E-09	3.9E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	4.5E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
875	556372.49, 3776557.81	0.04048	0.04508	4.06E-05	3.893E-09	4.1E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	4.7E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
876	556392.49, 3776557.81	0.04233	0.04689	4.245E-05	4.05E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
877	556412.49, 3776557.81	0.04456	0.0489	4.469E-05	4.223E-09	4.5E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
878	556432.49, 3776557.81	0.04682	0.05085	4.696E-05	4.392E-09	4.7E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
879	556452.49, 3776557.81	0.04911	0.05278	4.925E-05	4.558E-09	4.9E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	5.7E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
880	556472.49, 3776557.81	0.05162	0.05494	5.177E-05	4.745E-09	5.2E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	6.0E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
881	556492.49, 3776557.81	0.05422	0.05725	5.438E-05	4.944E-09	5.4E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
882	556332.49, 3776577.81	0.03865	0.04314	3.876E-05	3.726E-09	3.9E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	4.5E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
883	556352.49, 3776577.81	0.04027	0.04508	4.039E-05	3.893E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.7E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
884	556372.49, 3776577.81	0.04203	0.04705	4.215E-05	4.063E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
885	556392.49, 3776577.81	0.04403	0.04912	4.416E-05	4.242E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
886	556412.49, 3776577.81	0.04627	0.05126	4.641E-05	4.427E-09	4.6E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.4E-09
887	556432.49, 3776577.81	0.04858	0.05333	4.872E-05	4.606E-09	4.9E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	5.6E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
888	556452.49, 3776577.81	0.05112	0.05552	5.127E-05	4.795E-09	5.1E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	5.9E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
889	556472.49, 3776577.81	0.05386	0.05787	5.402E-05	4.998E-09	5.4E-05	1.9E-08	5.6E-08	3.3E-08	3.0E-08	1.4E-08	6.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
890	556492.49, 3776577.81	0.05666	0.06031	5.683E-05	5.209E-09	5.7E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
891	556332.49, 3776597.81	0.04032	0.04497	4.044E-05	3.884E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.7E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
892	556352.49, 3776597.81	0.04194	0.04701	4.206E-05	4.06E-09	4.2E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
893	556372.49, 3776597.81	0.04372	0.04913	4.385E-05	4.243E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
894	556392.49, 3776597.81	0.04561	0.05125	4.574E-05	4.426E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
895	556412.49, 3776597.81	0.04804	0.05369	4.818E-05	4.637E-09	4.8E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.6E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
896	556432.49, 3776597.81	0.05046	0.05598	5.061E-05	4.835E-09	5.1E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	5.9E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
897	556452.49, 3776597.81	0.05303	0.05826	5.319E-05	5.032E-09	5.3E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
898	556472.49, 3776597.81	0.05597	0.06079	5.613E-05	5.25E-09	5.6E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	6.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
899	556492.49, 3776597.81	0.0592	0.0636	5.937E-05	5.493E-09	5.9E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	6.9E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
900	556252.49, 3776617.81	0.03649	0.03944	3.66E-05	3.406E-09	3.7E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	4.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
901	556272.49, 3776617.81	0.03767	0.04104	3.778E-05	3.544E-09	3.8E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.5E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
902	556292.49, 3776617.81	0.039	0.04283	3.911E-05	3.699E-09	3.9E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	4.5E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
903	556312.49, 3776617.81	0.0405	0.0448	4.062E-05	3.869E-09	4.1E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	4.7E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
904	556332.49, 3776617.81	0.04189	0.04673	4.201E-05	4.036E-09	4.2E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
905	556352.49, 3776617.81	0.04377	0.04908	4.39E-05	4.239E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
906	556372.49, 3776617.81	0.04572	0.05146	4.585E-05	4.444E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
907	556392.49, 3776617.81	0.04769	0.05379	4.783E-05	4.646E-09	4.8E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
908	556412.49, 3776617.81	0.05009	0.05637	5.024E-05	4.868E-09	5E-05	1.7E-08	5.3E-08	3.0E-08	2.8E-08	1.3E-08	5.8E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
909	556432.49, 3776617.81	0.05253	0.05884	5.268E-05	5.082E-09	5.3E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
910	556452.49, 3776617.81	0.05542	0.06153	5.558E-05	5.314E-09	5.6E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	6.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
911	556472.49, 3776617.81	0.05829	0.06406	5.846E-05	5.532E-09	5.8E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	6.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
912	556492.49, 3776617.81	0.06184	0.06715	6.202E-05	5.799E-09	6.2E-05	2.1E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	7.2E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
913	556252.49, 3776637.81	0.03804	0.04104	3.815E-05	3.544E-09	3.8E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	4.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
914	556272.49, 3776637.81	0.03954	0.04292	3.966E-05	3.707E-09	4E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
915	556292.49, 3776637.81	0.04076	0.04466	4.088E-05	3.857E-09	4.1E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	4.7E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
916	556312.49, 3776637.81	0.0422	0.04663	4.232E-05	4.027E-09	4.2E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	4.9E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
917	556332.49, 3776637.81	0.04397	0.04893	4.41E-05	4.226E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
918	556352.49, 3776637.81	0.04571	0.05125	4.584E-05	4.426E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
919	556372.49, 3776637.81	0.0478	0.05386	4.794E-05	4.652E-09	4.8E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
920	556392.49, 3776637.81	0.0498	0.05637	4.995E-05	4.868E-09	5E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.3E-08	5.8E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
921	556412.49, 3776637.81	0.0522	0.05912	5.235E-05	5.106E-09	5.2E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
922	556432.49, 3776637.81	0.05483	0.06193	5.499E-05	5.349E-09	5.5E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
923	556452.49, 3776637.81	0.05771	0.06478	5.788E-05	5.595E-09	5.8E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.4E-08	6.7E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
924	556472.49, 3776637.81	0.06098	0.06779	6.116E-05	5.855E-09	6.1E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	7.1E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
925	556492.49, 3776637.81	0.06461	0.071	6.48E-05	6.132E-09	6.5E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	7.5E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
926	556252.49, 3776657.81	0.0398	0.04282	3.992E-05	3.698E-09	4E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	4.6E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
927	556272.49, 3776657.81	0.04131	0.04476	4.143E-05	3.866E-09	4.1E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	4.8E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
928	556292.49, 3776657.81	0.04286	0.04679	4.299E-05	4.041E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
929	556312.49, 3776657.81	0.04407	0.04863	4.42E-05	4.2E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
930	556332.49, 3776657.81	0.04604	0.05115	4.617E-05	4.418E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.4E-09
931	556352.49, 3776657.81	0.04799	0.05372	4.813E-05	4.639E-09	4.8E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.6E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
932	556372.49, 3776657.81	0.05011	0.05647	5.026E-05	4.877E-09	5E-05	1.7E-08	5.3E-08	3.0E-08	2.8E-08	1.3E-08	5.8E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
933	556392.49, 3776657.81	0.05207	0.05909	5.222E-05	5.103E-09	5.2E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
934	556412.49, 3776657.81	0.05449	0.06204	5.465E-05	5.358E-09	5.5E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
935	556432.49, 3776657.81	0.05721	0.06512	5.738E-05	5.624E-09	5.7E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
936	556452.49, 3776657.81	0.06028	0.06834	6.046E-05	5.902E-09	6E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
937	556472.49, 3776657.81	0.06369	0.07165	6.388E-05	6.188E-09	6.4E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	7.4E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
938	556492.49, 3776657.81	0.06759	0.07521	6.779E-05	6.495E-09	6.8E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	7.8E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
939	556252.49, 3776677.81	0.04168	0.04474	4.18E-05	3.864E-09	4.2E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	4.8E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
940	556272.49, 3776677.81	0.04296	0.04654	4.309E-05	4.019E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
941	556292.49, 3776677.81	0.0446	0.04869	4.473E-05	4.205E-09	4.5E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
942	556312.49, 3776677.81	0.04636	0.05102	4.65E-05	4.406E-09	4.6E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	5.4E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.4E-09
943	556332.49, 3776677.81	0.04828	0.05356	4.842E-05	4.626E-09	4.8E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	5.6E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
944	556352.49, 3776677.81	0.05039	0.05633	5.054E-05	4.865E-09	5.1E-05	1.7E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	5.8E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
945	556372.49, 3776677.81	0.05252	0.05919	5.267E-05	5.112E-09	5.3E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	6.1E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
946	556392.49, 3776677.81	0.05465	0.06209	5.481E-05	5.362E-09	5.5E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	6.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
947	556412.49, 3776677.81	0.05731	0.06541	5.748E-05	5.649E-09	5.7E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
948	556432.49, 3776677.81	0.0599	0.06862	6.008E-05	5.926E-09	6E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	6.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
949	556452.49, 3776677.81	0.06304	0.07212	6.322E-05	6.229E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
950	556472.49, 3776677.81	0.06672	0.0759	6.692E-05	6.555E-09	6.7E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	7.7E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
951	556492.49, 3776677.81	0.07083	0.07982	7.104E-05	6.894E-09	7.1E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	8.2E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
952	556252.49, 3776697.81	0.04371	0.04681	4.384E-05	4.043E-09	4.4E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	5.1E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
953	556272.49, 3776697.81	0.04508	0.04872	4.521E-05	4.208E-09	4.5E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	5.2E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
954	556372.49, 3776697.81	0.05521	0.0622	5.537E-05	5.372E-09	5.5E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	6.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
955	556392.49, 3776697.81	0.05729	0.06519	5.746E-05	5.63E-09	5.7E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	6.6E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
956	556412.49, 3776697.81	0.06008	0.06879	6.026E-05	5.941E-09	6E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	7.0E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
957	556432.49, 3776697.81	0.06291	0.07241	6.309E-05	6.254E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
958	556452.49, 3776697.81	0.06607	0.07619	6.626E-05	6.58E-09	6.6E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	7.7E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
959	556472.49, 3776697.81	0.06993	0.08039	7.013E-05	6.943E-09	7E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	8.1E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
960	556492.49, 3776697.81	0.07434	0.08483	7.456E-05	7.326E-09	7.5E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	8.6E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
961	556252.49, 3776717.81	0.04545	0.04869	4.558E-05	4.205E-09	4.6E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	5.3E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
962	556272.49, 3776717.81	0.04727	0.05101	4.741E-05	4.405E-09	4.7E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	5.5E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
963	556372.49, 3776717.81	0.05811	0.06544	5.828E-05	5.652E-09	5.8E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	6.7E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
964	556392.49, 3776717.81	0.06026	0.06862	6.044E-05	5.926E-09	6E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	7.0E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
965	556412.49, 3776717.81	0.06326	0.07257	6.344E-05	6.267E-09	6.3E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	7.3E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
966	556432.49, 3776717.81	0.06624	0.07652	6.643E-05	6.609E-09	6.6E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	7.7E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
967	556452.49, 3776717.81	0.06954	0.0807	6.974E-05	6.97E-09	7E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	8.1E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
968	556472.49, 3776717.81	0.07391	0.08564	7.413E-05	7.396E-09	7.4E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	8.6E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
969	556492.49, 3776717.81	0.0782	0.09029	7.843E-05	7.798E-09	7.8E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	9.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
970	556267.4, 3776875.81	0.06798	0.07674	6.818E-05	6.628E-09	6.8E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	7.9E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
971	556239.03, 3776853.02	0.05977	0.06646	5.994E-05	5.74E-09	6E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	6.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09

972	556178.76, 3776751.21	0.04351	0.04568	4.364E-05	3.945E-09	4.4E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
973	556154.45, 3776774.51	0.0428	0.04543	4.293E-05	3.924E-09	4.3E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.0E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
974	556119.5, 3776705.11	0.03576	0.03693	3.586E-05	3.189E-09	3.6E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	9.0E-09	4.1E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
975	556146.51, 3777267.93	0.13201	0.16582	0.0001324	1.432E-08	0.00013	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.5E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
976	556151, 3777234.88	0.12197	0.15744	0.0001223	1.36E-08	0.00012	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.4E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
977	556144.93, 3777179.58	0.10121	0.13346	0.0001015	1.153E-08	0.0001	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.2E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
978	556205.18, 3777236.46	0.14926	0.19772	0.0001497	1.708E-08	0.00015	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	1.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
979	556218, 3777200.04	0.13887	0.18898	0.0001393	1.632E-08	0.00014	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.6E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
980	556773.51, 3777349	1.43665	2.51215	0.0014409	2.17E-07	0.00144	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.7E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07

Residential DOSEair =		**(Cair*(BR/BW)*A*EF*10^{-6})**
A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =		**DOSEair * CPF * ASF * ED/AT * FAH**
CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	**BR/BW**	**ASF**	**FAH**	**ED (Const)**
3rd	361	10	0.85	0.25
0<2	1090	10	0.85	0.75
2<9	631	3	0.72	0
9<16	572	3	0.72	0
16<30	261	1	0.73	0

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/yea
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Operational Risk

	OnSite Travel	OnSite Idle	Off-Site Travel
Emissions Rate (g/s):	1.02137E-07	5.25649E-09	3.66E-08

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s			Unmitigated			
X, Y	OnSite Travel	OnSite Idle	Off-Site Travel	OnSite Travel	OnSite Idle	Off-Site Travel	Total
1 556521.71, 3777341.57	7.76397	6.18456	9.31344	7.92991E-07	3.25091E-08	3.411E-07	1.2E-06
2 556539.9, 3777344.94	8.31485	6.71998	9.87308	8.49256E-07	3.53235E-08	3.61596E-07	1.2E-06
3 556591.78, 3777345.39	10.40759	8.79404	11.79258	1.063E-06	4.62258E-08	4.31897E-07	1.5E-06
4 556630.62, 3777349.66	11.87774	10.69533	12.78052	1.21316E-06	5.62199E-08	4.6808E-07	1.7E-06
5 556684.29, 3777349.43	14.34183	14.20907	15.06099	1.46484E-06	7.46898E-08	5.51601E-07	2.1E-06
6 556905.58, 3777351.19	13.39454	16.36538	53.51648	1.36808E-06	8.60244E-08	1.96001E-06	3.4E-06
7 556920.93, 3777350.82	12.42965	15.18676	50.643	1.26953E-06	7.9829E-08	1.85477E-06	3.2E-06
8 556942.87, 3777350.09	11.05726	13.52734	42.99856	1.12936E-06	7.11063E-08	1.5748E-06	2.8E-06
9 556996.26, 3777348.26	8.12669	9.93883	22.1796	8.30038E-07	5.22433E-08	8.12316E-07	1.7E-06
10 557096.81, 3777357.77	4.5168	5.38617	7.50677	4.61334E-07	2.83123E-08	2.74932E-07	7.6E-07
11 557115.83, 3777363.62	4.05987	4.80988	6.41045	4.14664E-07	2.52831E-08	2.34779E-07	6.7E-07
12 557129.36, 3777361.43	3.84404	4.54128	5.87912	3.9262E-07	2.38712E-08	2.1532E-07	6.3E-07
13 557230.65, 3777363.99	2.56401	2.95696	3.33956	2.61881E-07	1.55432E-08	1.2231E-07	4E-07
14 556466.22, 3776816.07	1.38555	1.14561	1.21859	1.41516E-07	6.02189E-09	4.46302E-08	1.9E-07
15 556407.87, 3776826.19	1.27353	1.06509	1.12906	1.30075E-07	5.59863E-09	4.13512E-08	1.8E-07
16 556381.07, 3776807.14	1.14651	0.9698	1.0167	1.17101E-07	5.09774E-09	3.72361E-08	1.6E-07
17 556404.29, 3776771.52	1.06525	0.90353	0.94352	1.08802E-07	4.74939E-09	3.45559E-08	1.5E-07
18 556465.21, 3776739.51	1.06587	0.90739	0.93389	1.08865E-07	4.76968E-09	3.42032E-08	1.5E-07
19 556396.1, 3776739.93	0.95733	0.81931	0.84854	9.77791E-08	4.30669E-09	3.10773E-08	1.3E-07
20 556323.99, 3777265.43	3.43926	2.73541	3.69554	3.51277E-07	1.43786E-08	1.35347E-07	5E-07
21 556330.6, 3777233.99	3.47147	2.72841	3.64995	3.54567E-07	1.43419E-08	1.33678E-07	5E-07
22 556321.08, 3777200.43	3.21899	2.54475	3.23639	3.28779E-07	1.33764E-08	1.18531E-07	4.6E-07
23 556275.11, 3777267.81	2.85824	2.32883	3.02096	2.91933E-07	1.22415E-08	1.10641E-07	4.1E-07
24 556278.28, 3777233.46	2.8323	2.29095	2.94745	2.89283E-07	1.20424E-08	1.07949E-07	4.1E-07
25 556509.4, 3777373.38	6.55926	5.50317	7.53545	6.69945E-07	2.89273E-08	2.75982E-07	9.7E-07
26 556529.4, 3777373.38	7.08139	6.00425	8.08526	7.23274E-07	3.15613E-08	2.96118E-07	1.1E-06
27 556549.4, 3777373.38	7.63787	6.56795	8.62979	7.80111E-07	3.45243E-08	3.16062E-07	1.1E-06
28 556569.4, 3777373.38	8.22081	7.19665	9.16356	8.39651E-07	3.78291E-08	3.35611E-07	1.2E-06
29 556589.4, 3777373.38	8.83805	7.90269	9.71149	9.02695E-07	4.15404E-08	3.55678E-07	1.3E-06
30 556609.4, 3777373.38	9.46719	8.6753	10.28669	9.66953E-07	4.56016E-08	3.76745E-07	1.4E-06
31 556629.4, 3777373.38	10.11318	9.52118	10.93028	1.03293E-06	5.0048E-08	4.00316E-07	1.5E-06
32 556649.4, 3777373.38	10.74707	10.41578	11.65206	1.09768E-06	5.47504E-08	4.26751E-07	1.6E-06
33 556669.4, 3777373.38	11.36721	11.35095	12.47074	1.16102E-06	5.96661E-08	4.56734E-07	1.7E-06
34 556689.4, 3777373.38	11.94723	12.28652	13.4002	1.22026E-06	6.45839E-08	4.90775E-07	1.8E-06
35 556709.4, 3777373.38	12.45283	13.15747	14.48469	1.2719E-06	6.91621E-08	5.30494E-07	1.9E-06
36 556729.4, 3777373.38	12.86266	13.90009	15.80736	1.31376E-06	7.30657E-08	5.78936E-07	2E-06
37 556749.4, 3777373.38	13.17337	14.48001	17.46159	1.34549E-06	7.6114E-08	6.39522E-07	2.1E-06
38 556769.4, 3777373.38	13.34303	14.83383	19.54754	1.36282E-06	7.79738E-08	7.15919E-07	2.2E-06
39 556789.4, 3777373.38	13.38835	15.03069	22.07895	1.36745E-06	7.90086E-08	8.0863E-07	2.3E-06
40 556809.4, 3777373.38	13.30571	15.1368	24.9429	1.35901E-06	7.95664E-08	9.13521E-07	2.4E-06
41 556829.4, 3777373.38	13.06181	15.12405	27.90996	1.3341E-06	7.94994E-08	1.02219E-06	2.4E-06
42 556849.4, 3777373.38	12.65944	14.93703	30.57186	1.293E-06	7.85163E-08	1.11968E-06	2.5E-06
43 556869.4, 3777373.38	12.13149	14.53728	32.44272	1.23908E-06	7.6415E-08	1.1882E-06	2.5E-06
44 556889.4, 3777373.38	11.45411	13.83889	33.06693	1.16989E-06	7.2744E-08	1.21106E-06	2.5E-06
45 556909.4, 3777373.38	10.65523	12.91776	32.10255	1.0883E-06	6.7902E-08	1.17574E-06	2.3E-06
46 556929.4, 3777373.38	9.77669	11.86572	29.58526	9.98565E-07	6.2372E-08	1.08354E-06	2.1E-06
47 556949.4, 3777373.38	8.89259	10.79359	25.97527	9.08265E-07	5.67364E-08	9.51331E-07	1.9E-06
48 556969.4, 3777373.38	8.04954	9.76288	21.93238	8.22158E-07	5.13185E-08	8.03262E-07	1.7E-06
49 556989.4, 3777373.38	7.26579	8.79673	18.11205	7.42108E-07	4.62399E-08	6.63345E-07	1.5E-06
50 557009.4, 3777373.38	6.55426	7.91417	14.88888	6.69434E-07	4.16007E-08	5.45298E-07	1.3E-06
51 557029.4, 3777373.38	5.92808	7.13581	12.33921	6.05478E-07	3.75093E-08	4.51917E-07	1.1E-06
52 557049.4, 3777373.38	5.37001	6.43976	10.32916	5.48478E-07	3.38505E-08	3.783E-07	9.6E-07
53 557069.4, 3777373.38	4.8709	5.81578	8.73811	4.97501E-07	3.05706E-08	3.20029E-07	8.5E-07
54 557089.4, 3777373.38	4.43575	5.2725	7.48945	4.53056E-07	2.77148E-08	2.74297E-07	7.6E-07
55 557109.4, 3777373.38	4.05274	4.79501	6.49167	4.13936E-07	2.52049E-08	2.37754E-07	6.8E-07
56 557129.4, 3777373.38	3.71581	4.37596	5.68571	3.79523E-07	2.30022E-08	2.08236E-07	6.1E-07
57 557149.4, 3777373.38	3.41831	4.00698	5.02604	3.49137E-07	2.10626E-08	1.84076E-07	5.5E-07
58 557169.4, 3777373.38	3.15635	3.68321	4.48207	3.22381E-07	1.93607E-08	1.64154E-07	5.1E-07
59 557189.4, 3777373.38	2.92662	3.40039	4.03092	2.98917E-07	1.78741E-08	1.4763E-07	4.6E-07
60 557209.4, 3777373.38	2.72028	3.14718	3.64713	2.77842E-07	1.65431E-08	1.33574E-07	4.3E-07
61 557229.4, 3777373.38	2.53247	2.91747	3.31536	2.5866E-07	1.53356E-08	1.21423E-07	4E-07
62 557249.4, 3777373.38	2.36238	2.71024	3.028	2.41287E-07	1.42463E-08	1.10899E-07	3.7E-07
63 557269.4, 3777373.38	2.20803	2.52295	2.77742	2.25522E-07	1.32619E-08	1.01722E-07	3.4E-07
64 557289.4, 3777373.38	2.07107	2.35751	2.56165	2.11533E-07	1.23922E-08	9.38191E-08	3.2E-07
65 557309.4, 3777373.38	1.94748	2.20887	2.37265	1.9891E-07	1.16109E-08	8.68971E-08	3E-07
66 557329.4, 3777373.38	1.83141	2.06975	2.20123	1.87055E-07	1.08796E-08	8.06189E-08	2.8E-07
67 557349.4, 3777373.38	1.72885	1.94738	2.05257	1.7658E-07	1.02364E-08	7.51743E-08	2.6E-07
68 557369.4, 3777373.38	1.63315	1.83361	1.91757	1.66806E-07	9.63835E-09	7.023E-08	2.5E-07
69 557389.4, 3777373.38	1.54543	1.72973	1.79638	1.57846E-07	9.0923E-09	6.57915E-08	2.3E-07
70 557409.4, 3777373.38	1.46476	1.63456	1.68707	1.49607E-07	8.59204E-09	6.17881E-08	2.2E-07
71 557429.4, 3777373.38	1.38888	1.54536	1.58643	1.41856E-07	8.12317E-09	5.81022E-08	2.1E-07
72 557449.4, 3777373.38	1.32066	1.46548	1.49698	1.34889E-07	7.70328E-09	5.48261E-08	2E-07
73 557469.4, 3777373.38	1.25634	1.39041	1.41414	1.28319E-07	7.30867E-09	5.17921E-08	1.9E-07
74 557489.4, 3777373.38	1.19412	1.31803	1.3356	1.21964E-07	6.92821E-09	4.89157E-08	1.8E-07
75 556509.4, 3777393.38	6.09056	5.26325	6.86928	6.22073E-07	2.76662E-08	2.51584E-07	9E-07
76 556529.4, 3777393.38	6.52298	5.70734	7.30825	6.6624E-07	3.00006E-08	2.67661E-07	9.6E-07
77 556549.4, 3777393.38	6.97665	6.19914	7.74813	7.12576E-07	3.25857E-08	2.83771E-07	1E-06
78 556569.4, 3777393.38	7.44383	6.73724	8.1931	7.60293E-07	3.54142E-08	3.00068E-07	1.1E-06
79 556589.4, 3777393.38	7.93469	7.3326	8.67124	8.10428E-07	3.85437E-08	3.17586E-07	1.2E-06
80 556609.4, 3777393.38	8.42382	7.96642	9.19053	8.60386E-07	4.18754E-08	3.36598E-07	1.2E-06
81 556629.4, 3777393.38	8.9169	8.6418	9.77994	9.10748E-07	4.54255E-08	3.58185E-07	1.3E-06
82 556649.4, 3777393.38	9.37795	9.32013	10.43828	9.57838E-07	4.89912E-08	3.82297E-07	1.4E-06
83 556669.4, 3777393.38	9.8111	9.99333	11.18009	1.00208E-06	5.25298E-08	4.09465E-07	1.5E-06
84 556689.4, 3777393.38	10.20209	10.63055	12.01513	1.04201E-06	5.58794E-08	4.40048E-07	1.5E-06
85 556709.4, 3777393.38	10.54549	11.20665	12.96621	1.07709E-06	5.89076E-08	4.74881E-07	1.6E-06
86 556729.4, 3777393.38	10.80304	11.65651	14.06215	1.10339E-06	6.12723E-08	5.15019E-07	1.7E-06
87 556749.4, 3777393.38	10.98893	11.99172	15.33288	1.12238E-06	6.30343E-08	5.61559E-07	1.7E-06
88 556769.4, 3777393.38	11.07005	12.18136	16.79734	1.13067E-06	6.40312E-08	6.15194E-07	1.8E-06
89 556789.4, 3777393.38	11.05305	12.27249	18.406	1.12893E-06	6.45102E-08	6.7411E-07	1.9E-06
90 556809.4, 3777393.38	10.95489	12.32717	20.02918	1.1189E-06	6.47976E-08	7.33558E-07	1.9E-06
91 556829.4, 3777393.38	10.75483	12.31348	21.49887	1.09847E-06	6.47257E-08	7.87385E-07	2E-06
92 556849.4, 3777393.38	10.43759	12.16276	22.5901	1.06607E-06	6.39334E-08	8.27351E-07	2E-06
93 556869.4, 3777393.38	10.04528	11.88078	23.19511	1.026E-06	6.24512E-08	8.49509E-07	1.9E-06
94 556889.4, 3777393.38	9.58068	11.44572	23.25598	9.78545E-07	6.01643E-08	8.51738E-07	1.9E-06
95 556909.4, 3777393.38	9.00096	10.80537	22.56205	9.19334E-07	5.67983E-08	8.26323E-07	1.8E-06
96 556929.4, 3777393.38	8.37599	10.07845	21.20968	8.55501E-07	5.29773E-08	7.76794E-07	1.7E-06
97 556949.4, 3777393.38	7.70866	9.27664	19.18848	7.87342E-07	4.87625E-08	7.02768E-07	1.5E-06
98 556969.4, 3777393.38	7.07413	8.50798	16.90014	7.22533E-07	4.47221E-08	6.18959E-07	1.4E-06
99 556989.4, 3777393.38	6.4726	7.77279	14.59039	6.61094E-07	4.08576E-08	5.34366E-07	1.2E-06
100 557009.4, 3777393.38	5.91305	7.08451	12.48232	6.03943E-07	3.72396E-08	4.57159E-07	1.1E-06
101 557029.4, 3777393.38	5.39441	6.44308	10.65589	5.5097E-07	3.3868E-08	3.90266E-07	9.8E-07
102 557049.4, 3777393.38	4.92918	5.86717	9.14484	5.03453E-07	3.08407E-08	3.34925E-07	8.7E-07
103 557069.4, 3777393.38	4.51229	5.35088	7.9038	4.60873E-07	2.81268E-08	2.89473E-07	7.8E-07
104 557089.4, 3777393.38	4.13966	4.88969	6.88531	4.22814E-07	2.57026E-08	2.52171E-07	7E-07
105 557109.4, 3777393.38	3.80863	4.48064	6.0489	3.89003E-07	2.35524E-08	2.21538E-07	6.3E-07
106 557129.4, 3777393.38	3.50498	4.10558	5.3415	3.57989E-07	2.15809E-08	1.9563E-07	5.8E-07
107 557149.4, 3777393.38	3.24287	3.78323	4.76539	3.31218E-07	1.98865E-08	1.7453E-07	5.3E-07
108 557169.4, 3777393.38	3.00359	3.48948	4.27277	3.06779E-07	1.83424E-08	1.56488E-07	4.8E-07
109 557189.4, 3777393.38	2.79084	3.22919	3.85728	2.85049E-07	1.69742E-08	1.41271E-07	4.4E-07
110 557209.4, 3777393.38	2.6047	3.00238	3.50893	2.66037E-07	1.5782E-08	1.28513E-07	4.1E-07
111 557229.4, 3777393.38	2.43539	2.79667	3.20639	2.48744E-07	1.47007E-08	1.17432E-07	3.8E-07
112 557249.4, 3777393.38	2.27779	2.60568	2.9378	2.32647E-07	1.36967E-08	1.07595E-07	3.5E-07

Residential Dose					Risk by Age Group					
3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
4.0E-10	1.2E-09	7.1E-10	6.4E-10	2.9E-10	1.3E-11	3.3E-10	1.7E-10	1.5E-10	4.6E-11	7.1E-10
4.3E-10	1.3E-09	7.5E-10	6.8E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.5E-10
5.3E-10	1.6E-09	9.3E-10	8.5E-10	3.9E-10	1.8E-11	4.3E-10	2.2E-10	2.0E-10	6.1E-11	9.3E-10
6.0E-10	1.8E-09	1.1E-09	9.5E-10	4.3E-10	2.0E-11	4.9E-10	2.5E-10	2.3E-10	6.9E-11	1.1E-09
7.2E-10	2.2E-09	1.3E-09	1.1E-09	5.2E-10	2.4E-11	5.8E-10	3.0E-10	2.7E-10	8.3E-11	1.3E-09
1.2E-09	3.6E-09	2.1E-09	1.9E-09	8.5E-10	3.9E-11	9.5E-10	4.9E-10	4.4E-10	1.3E-10	2.1E-09
1.1E-09	3.3E-09	1.9E-09	1.8E-09	8.0E-10	3.7E-11	8.9E-10	4.6E-10	4.2E-10	1.3E-10	1.9E-09
9.6E-10	2.9E-09	1.7E-09	1.5E-09	6.9E-10	3.2E-11	7.7E-10	4.0E-10	3.6E-10	1.1E-10	1.7E-09
5.9E-10	1.8E-09	1.0E-09	9.3E-10	4.2E-10	2.0E-11	4.7E-10	2.4E-10	2.2E-10	6.7E-11	1.0E-09
2.6E-10	8.0E-10	4.6E-10	4.2E-10	1.9E-10	8.8E-12	2.1E-10	1.1E-10	1.0E-10	3.0E-11	4.6E-10
2.3E-10	7.1E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
2.2E-10	6.6E-10	3.8E-10	3.5E-10	1.6E-10	7.3E-12	1.8E-10	9.1E-11	8.2E-11	2.5E-11	3.8E-10
1.4E-10	4.2E-10	2.4E-10	2.2E-10	1.0E-10	4.6E-12	1.1E-10	5.7E-11	5.2E-11	1.6E-11	2.4E-10
6.7E-11	2.0E-10	1.2E-10	1.1E-10	4.8E-11	2.2E-12	5.4E-11	2.8E-11	2.5E-11	7.6E-12	1.2E-10
6.1E-11	1.9E-10	1.1E-10	9.7E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	7.0E-12	1.1E-10
5.5E-11	1.7E-10	9.6E-11	8.7E-11	4.0E-11	1.8E-12	4.5E-11	2.3E-11	2.1E-11	6.3E-12	9.6E-11
5.1E-11	1.5E-10	9.0E-11	8.1E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	9.0E-11
5.1E-11	1.5E-10	8.9E-11	8.1E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.9E-11
4.6E-11	1.4E-10	8.1E-11	7.3E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.3E-12	8.0E-11
1.7E-10	5.2E-10	3.0E-10	2.7E-10	1.3E-10	5.8E-12	1.4E-10	7.2E-11	6.5E-11	2.0E-11	3.0E-10
1.7E-10	5.3E-10	3.0E-10	2.8E-10	1.3E-10	5.8E-12	1.4E-10	7.2E-11	6.5E-11	2.0E-11	3.0E-10
1.6E-10	4.8E-10	2.8E-10	2.5E-10	1.2E-10	5.3E-12	1.3E-10	6.6E-11	6.0E-11	1.8E-11	2.8E-10
1.4E-10	4.3E-10	2.5E-10	2.3E-10	1.0E-10	4.8E-12	1.2E-10	6.0E-11	5.4E-11	1.6E-11	2.5E-10
1.4E-10	4.3E-10	2.5E-10	2.2E-10	1.0E-10	4.7E-12	1.1E-10	5.9E-11	5.3E-11	1.6E-11	2.5E-10
3.4E-10	1.0E-09	5.9E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.9E-10
3.6E-10	1.1E-09	6.4E-10	5.8E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.4E-10	4.1E-11	6.4E-10
3.9E-10	1.2E-09	6.8E-10	6.2E-10	2.8E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.8E-10
4.2E-10	1.3E-09	7.3E-10	6.7E-10	3.0E-10	1.4E-11	3.4E-10	1.7E-10	1.6E-10	4.8E-11	7.3E-10
4.5E-10	1.4E-09	7.9E-10	7.1E-10	3.3E-10	1.5E-11	3.6E-10	1.9E-10	1.7E-10	5.1E-11	7.9E-10
4.8E-10	1.5E-09	8.4E-10	7.6E-10	3.5E-10	1.6E-11	3.9E-10	2.0E-10	1.8E-10	5.5E-11	8.4E-10
5.1E-10	1.6E-09	9.0E-10	8.1E-10	3.7E-10	1.7E-11	4.1E-10	2.1E-10	1.9E-10	5.9E-11	9.0E-10
5.5E-10	1.7E-09	9.6E-10	8.7E-10	4.0E-10	1.8E-11	4.4E-10	2.3E-10	2.1E-10	6.2E-11	9.5E-10
5.8E-10	1.8E-09	1.0E-09	9.2E-10	4.2E-10	1.9E-11	4.7E-10	2.4E-10	2.2E-10	6.6E-11	1.0E-09
6.1E-10	1.9E-09	1.1E-09	9.7E-10	4.4E-10	2.1E-11	5.0E-10	2.6E-10	2.3E-10	7.0E-11	1.1E-09
6.5E-10	2.0E-09	1.1E-09	1.0E-09	4.7E-10	2.2E-11	5.2E-10	2.7E-10	2.4E-10	7.4E-11	1.1E-09
6.8E-10	2.1E-09	1.2E-09	1.1E-09	4.9E-10	2.3E-11	5.5E-10	2.8E-10	2.6E-10	7.8E-11	1.2E-09
7.1E-10	2.2E-09	1.2E-09	1.1E-09	5.2E-10	2.4E-11	5.8E-10	3.0E-10	2.7E-10	8.1E-11	1.2E-09
7.5E-10	2.3E-09	1.3E-09	1.2E-09	5.4E-10	2.5E-11	6.0E-10	3.1E-10	2.8E-10	8.5E-11	1.3E-09
7.8E-10	2.4E-09	1.4E-09	1.2E-09	5.6E-10	2.6E-11	6.3E-10	3.2E-10	2.9E-10	8.9E-11	1.4E-09
8.1E-10	2.5E-09	1.4E-09	1.3E-09	5.9E-10	2.7E-11	6.6E-10	3.4E-10	3.1E-10	9.3E-11	1.4E-09
8.4E-10	2.5E-09	1.5E-09	1.3E-09	6.1E-10	2.8E-11	6.8E-10	3.5E-10	3.2E-10	9.6E-11	1.5E-09
8.6E-10	2.6E-09	1.5E-09	1.4E-09	6.2E-10	2.9E-11	7.0E-10	3.6E-10	3.2E-10	9.8E-11	1.5E-09
8.7E-10	2.6E-09	1.5E-09	1.4E-09	6.3E-10	2.9E-11	7.0E-10	3.6E-10	3.3E-10	9.9E-11	1.5E-09
8.5E-10	2.6E-09	1.5E-09	1.3E-09	6.1E-10	2.8E-11	6.9E-10	3.5E-10	3.2E-10	9.7E-11	1.5E-09
8.1E-10	2.4E-09	1.4E-09	1.3E-09	5.8E-10	2.7E-11	6.5E-10	3.4E-10	3.0E-10	9.2E-11	1.4E-09
7.4E-10	2.2E-09	1.3E-09	1.2E-09	5.4E-10	2.5E-11	6.0E-10	3.1E-10	2.8E-10	8.5E-11	1.3E-09
6.6E-10	2.0E-09	1.2E-09	1.1E-09	4.8E-10	2.2E-11	5.4E-10	2.8E-10	2.5E-10	7.6E-11	1.2E-09
5.8E-10	1.8E-09	1.0E-09	9.2E-10	4.2E-10	1.9E-11	4.7E-10	2.4E-10	2.2E-10	6.6E-11	1.0E-09
5.0E-10	1.5E-09	8.8E-10	8.0E-10	3.6E-10	1.7E-11	4.1E-10	2.1E-10	1.9E-10	5.7E-11	8.8E-10
4.3E-10	1.3E-09	7.6E-10	6.9E-10	3.1E-10	1.5E-11	3.5E-10	1.8E-10	1.6E-10	5.0E-11	7.6E-10
3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.1E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
3.3E-10	1.0E-09	5.8E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.8E-10
2.9E-10	8.9E-10	5.1E-10	4.7E-10	2.1E-10	9.8E-12	2.4E-10	1.2E-10	1.1E-10	3.3E-11	5.1E-10
2.6E-10	7.9E-10	4.6E-10	4.1E-10	1.9E-10	8.7E-12	2.1E-10	1.1E-10	9.8E-11	3.0E-11	4.6E-10
2.3E-10	7.1E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
2.1E-10	6.4E-10	3.7E-10	3.3E-10	1.5E-10	7.1E-12	1.7E-10	8.8E-11	8.0E-11	2.4E-11	3.7E-10
1.9E-10	5.8E-10	3.4E-10	3.0E-10	1.4E-10	6.4E-12	1.5E-10	8.0E-11	7.2E-11	2.2E-11	3.3E-10
1.8E-10	5.3E-10	3.1E-10	2.8E-10	1.3E-10	5.8E-12	1.4E-10	7.3E-11	6.6E-11	2.0E-11	3.1E-10
1.6E-10	4.9E-10	2.8E-10	2.5E-10	1.2E-10	5.4E-12	1.3E-10	6.7E-11	6.1E-11	1.8E-11	2.8E-10
1.5E-10	4.5E-10	2.6E-10	2.3E-10	1.1E-10	4.9E-12	1.2E-10	6.2E-11	5.6E-11	1.7E-11	2.6E-10
1.4E-10	4.1E-10	2.4E-10	2.2E-10	9.9E-11	4.6E-12	1.1E-10	5.7E-11	5.2E-11	1.6E-11	2.4E-10
1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.2E-11	4.2E-12	1.0E-10	5.3E-11	4.8E-11	1.4E-11	2.2E-10
1.2E-10	3.6E-10	2.1E-10	1.9E-10	8.5E-11	3.9E-12	9.5E-11	4.9E-11	4.4E-11	1.3E-11	2.1E-10
1.1E-10	3.3E-10	1.9E-10	1.7E-10	8.0E-11	3.7E-12	8.9E-11	4.6E-11	4.1E-11	1.3E-11	1.9E-10
1.0E-10	3.1E-10	1.8E-10	1.6E-10	7.4E-11	3.4E-12	8.3E-11	4.3E-11	3.9E-11	1.2E-11	1.8E-10
9.6E-11	2.9E-10	1.7E-10	1.5E-10	7.0E-11	3.2E-12	7.8E-11	4.0E-11	3.6E-11	1.1E-11	1.7E-10
9.1E-11	2.7E-10	1.6E-10	1.4E-10	6.6E-11	3.0E-12	7.3E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
8.5E-11	2.6E-10	1.5E-10	1.4E-10	6.2E-11	2.9E-12	6.9E-11	3.5E-11	3.2E-11	9.7E-12	1.5E-10
8.1E-11	2.4E-10	1.4E-10	1.3E-10	5.8E-11	2.7E-12	6.5E-11	3.3E-11	3.0E-11	9.2

113	557269.4, 3777393.38	2.13652	2.43517	2.70516	2.18218E-07	1.28004E-08	9.90751E-08	3.3E-07	1.1E-10	3.5E-10	2.0E-10	1.8E-10	8.3E-11	3.8E-12	9.2E-11	4.7E-11	4.3E-11	1.3E-11	2.0E-10
114	557289.4, 3777393.38	2.00718	2.2796	2.49948	2.05008E-07	1.19827E-08	9.15422E-08	3.1E-07	1.1E-10	3.2E-10	1.9E-10	1.7E-10	7.7E-11	3.6E-12	8.6E-11	4.4E-11	4.0E-11	1.2E-11	1.9E-10
115	557309.4, 3777393.38	1.88676	2.13524	2.31457	1.92709E-07	1.12239E-08	8.47699E-08	2.9E-07	1.0E-10	3.0E-10	1.7E-10	1.6E-10	7.2E-11	3.3E-12	8.1E-11	4.2E-11	3.8E-11	1.1E-11	1.7E-10
116	557329.4, 3777393.38	1.78207	2.01032	2.15663	1.82016E-07	1.05672E-08	7.89855E-08	2.7E-07	9.4E-11	2.8E-10	1.6E-10	1.5E-10	6.8E-11	3.1E-12	7.6E-11	3.9E-11	3.5E-11	1.1E-11	1.6E-10
117	557349.4, 3777393.38	1.68404	1.89374	2.01304	1.72003E-07	9.95442E-09	7.37266E-08	2.6E-07	8.9E-11	2.7E-10	1.5E-10	1.4E-10	6.4E-11	3.0E-12	7.1E-11	3.7E-11	3.3E-11	1.0E-11	1.5E-10
118	557369.4, 3777393.38	1.59442	1.78752	1.88465	1.6285E-07	9.39608E-09	6.90243E-08	2.4E-07	8.4E-11	2.5E-10	1.5E-10	1.3E-10	6.0E-11	2.8E-12	6.7E-11	3.5E-11	3.1E-11	9.5E-12	1.5E-10
119	557389.4, 3777393.38	1.51164	1.68977	1.76862	1.54395E-07	8.88226E-09	6.47748E-08	2.3E-07	7.9E-11	2.4E-10	1.4E-10	1.3E-10	5.7E-11	2.6E-12	6.4E-11	3.3E-11	3.0E-11	9.0E-12	1.4E-10
120	557409.4, 3777393.38	1.43366	1.59797	1.66186	1.4643E-07	8.39971E-09	6.08648E-08	2.2E-07	7.5E-11	2.3E-10	1.3E-10	1.2E-10	5.4E-11	2.5E-12	6.0E-11	3.1E-11	2.8E-11	8.5E-12	1.3E-10
121	557429.4, 3777393.38	1.36226	1.51422	1.56567	1.39138E-07	7.95948E-09	5.73419E-08	2E-07	7.1E-11	2.1E-10	1.2E-10	1.1E-10	5.1E-11	2.4E-12	5.7E-11	2.9E-11	2.7E-11	8.1E-12	1.2E-10
122	557449.4, 3777393.38	1.29702	1.43797	1.47902	1.32474E-07	7.55867E-09	5.41683E-08	1.9E-07	6.7E-11	2.0E-10	1.2E-10	1.1E-10	4.9E-11	2.2E-12	5.4E-11	2.8E-11	2.5E-11	7.7E-12	1.2E-10
123	557469.4, 3777393.38	1.23467	1.36532	1.39786	1.26106E-07	7.17679E-09	5.11959E-08	1.8E-07	6.4E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.2E-11	2.7E-11	2.4E-11	7.3E-12	1.1E-10
124	557489.4, 3777393.38	1.17514	1.29616	1.32175	1.20026E-07	6.81325E-09	4.84084E-08	1.8E-07	6.1E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
125	556509.4, 3777413.38	5.64585	5.00841	6.28768	5.76652E-07	2.63266E-08	2.30283E-07	8.3E-07	2.9E-10	8.7E-10	5.0E-10	4.6E-10	2.1E-10	9.6E-12	2.3E-10	1.2E-10	1.1E-10	3.3E-11	5.0E-10
126	556529.4, 3777413.38	6.00679	5.40066	6.65219	6.13517E-07	2.83885E-08	2.43633E-07	8.9E-07	3.1E-10	9.3E-10	5.4E-10	4.9E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.5E-11	5.4E-10
127	556549.4, 3777413.38	6.3811	5.82913	7.02505	6.51748E-07	3.06408E-08	2.57289E-07	9.4E-07	3.3E-10	9.8E-10	5.7E-10	5.2E-10	2.4E-10	1.1E-11	2.6E-10	1.4E-10	1.2E-10	3.7E-11	5.7E-10
128	556569.4, 3777413.38	6.76234	6.29074	7.41385	6.90687E-07	3.30672E-08	2.71528E-07	1E-06	3.4E-10	1.0E-09	6.0E-10	5.5E-10	2.5E-10	1.2E-11	2.8E-10	1.4E-10	1.3E-10	3.9E-11	6.0E-10
129	556589.4, 3777413.38	7.14481	6.78104	7.83315	7.29752E-07	3.56445E-08	2.86885E-07	1.1E-06	3.6E-10	1.1E-09	6.4E-10	5.8E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.4E-10	4.2E-11	6.4E-10
130	556609.4, 3777413.38	7.52211	7.29247	8.29908	7.68288E-07	3.83328E-08	3.0395E-07	1.1E-06	3.8E-10	1.2E-09	6.7E-10	6.1E-10	2.8E-10	1.3E-11	3.1E-10	1.6E-10	1.4E-10	4.4E-11	6.7E-10
131	556629.4, 3777413.38	7.89079	7.8176	8.82563	8.05944E-07	4.10931E-08	3.23234E-07	1.2E-06	4.1E-10	1.2E-09	7.1E-10	6.4E-10	2.9E-10	1.4E-11	3.3E-10	1.7E-10	1.5E-10	4.6E-11	7.1E-10
132	556649.4, 3777413.38	8.22496	8.32319	9.40962	8.40075E-07	4.37507E-08	3.44622E-07	1.2E-06	4.3E-10	1.3E-09	7.4E-10	6.7E-10	3.1E-10	1.4E-11	3.4E-10	1.8E-10	1.6E-10	4.8E-11	7.4E-10
133	556669.4, 3777413.38	8.53488	8.8085	10.06125	8.7173E-07	4.63018E-08	3.68488E-07	1.3E-06	4.5E-10	1.3E-09	7.8E-10	7.1E-10	3.2E-10	1.5E-11	3.6E-10	1.8E-10	1.7E-10	5.1E-11	7.8E-10
134	556689.4, 3777413.38	8.8045	9.24373	10.77856	8.99268E-07	4.85896E-08	3.94759E-07	1.3E-06	4.6E-10	1.4E-09	8.1E-10	7.4E-10	3.4E-10	1.6E-11	3.7E-10	1.9E-10	1.7E-10	5.3E-11	8.1E-10
135	556709.4, 3777413.38	9.02752	9.60963	11.56679	9.22047E-07	5.05129E-08	4.23628E-07	1.4E-06	4.8E-10	1.5E-09	8.4E-10	7.7E-10	3.5E-10	1.6E-11	3.9E-10	2.0E-10	1.8E-10	5.5E-11	8.4E-10
136	556729.4, 3777413.38	9.18923	9.88141	12.42969	9.38563E-07	5.19415E-08	4.55231E-07	1.4E-06	5.0E-10	1.5E-09	8.7E-10	7.9E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.7E-11	8.7E-10
137	556749.4, 3777413.38	9.2837	10.05584	13.36592	9.48212E-07	5.28584E-08	4.8952E-07	1.5E-06	5.2E-10	1.6E-09	9.0E-10	8.2E-10	3.7E-10	1.7E-11	4.2E-10	2.1E-10	1.9E-10	5.9E-11	9.0E-10
138	556769.4, 3777413.38	9.33172	10.1815	14.34852	9.53117E-07	5.35189E-08	5.25507E-07	1.5E-06	5.3E-10	1.6E-09	9.3E-10	8.4E-10	3.8E-10	1.8E-11	4.3E-10	2.2E-10	2.0E-10	6.0E-11	9.3E-10
139	556789.4, 3777413.38	9.29321	10.2293	15.32667	9.49183E-07	5.37702E-08	5.61331E-07	1.6E-06	5.4E-10	1.6E-09	9.5E-10	8.6E-10	3.9E-10	1.8E-11	4.4E-10	2.2E-10	2.0E-10	6.2E-11	9.5E-10
140	556809.4, 3777413.38	9.20584	10.26835	16.21125	9.4026E-07	5.39755E-08	5.93729E-07	1.6E-06	5.5E-10	1.7E-09	9.6E-10	8.7E-10	4.0E-10	1.8E-11	4.4E-10	2.3E-10	2.1E-10	6.3E-11	9.6E-10
141	556829.4, 3777413.38	9.03826	10.24551	16.90251	9.23143E-07	5.38554E-08	6.19046E-07	1.6E-06	5.5E-10	1.7E-09	9.7E-10	8.8E-10	4.0E-10	1.8E-11	4.5E-10	2.3E-10	2.1E-10	6.3E-11	9.6E-10
142	556849.4, 3777413.38	8.8012	10.14324	17.32776	8.98931E-07	5.33178E-08	6.3462E-07	1.6E-06	5.5E-10	1.7E-09	9.6E-10	8.7E-10	4.0E-10	1.8E-11	4.4E-10	2.3E-10	2.1E-10	6.3E-11	9.6E-10
143	556869.4, 3777413.38	8.5204	9.96161	17.5123	8.70251E-07	5.23631E-08	6.41379E-07	1.6E-06	5.4E-10	1.6E-09	9.5E-10	8.6E-10	3.9E-10	1.8E-11	4.4E-10	2.2E-10	2.0E-10	6.2E-11	9.5E-10
144	556889.4, 3777413.38	8.1595	9.63449	17.38017	8.33389E-07	5.06436E-08	6.3654E-07	1.5E-06	5.3E-10	1.6E-09	9.2E-10	8.3E-10	3.8E-10	1.8E-11	4.2E-10	2.2E-10	2.0E-10	6.0E-11	9.2E-10
145	556909.4, 3777413.38	7.73704	9.19086	16.92014	7.9024E-07	4.83116E-08	6.19691E-07	1.5E-06	5.0E-10	1.5E-09	8.8E-10	8.0E-10	3.6E-10	1.7E-11	4.1E-10	2.1E-10	1.9E-10	5.8E-11	8.8E-10
146	556929.4, 3777413.38	7.28173	8.68052	16.13015	7.43736E-07	4.5629E-08	5.90758E-07	1.4E-06	4.8E-10	1.4E-09	8.4E-10	7.6E-10	3.5E-10	1.6E-11	3.9E-10	2.0E-10	1.8E-10	5.4E-11	8.3E-10
147	556949.4, 3777413.38	6.76403	8.06829	14.88542	6.9086E-07	4.24109E-08	5.45171E-07	1.3E-06	4.4E-10	1.3E-09	7.7E-10	7.0E-10	3.2E-10	1.5E-11	3.6E-10	1.8E-10	1.7E-10	5.0E-11	7.7E-10
148	556969.4, 3777413.38	6.26489	7.47041	13.4501	6.39879E-07	3.92681E-08	4.92603E-07	1.2E-06	4.1E-10	1.2E-09	7.1E-10	6.4E-10	2.9E-10	1.4E-11	3.3E-10	1.7E-10	1.5E-10	4.6E-11	7.1E-10
149	556989.4, 3777413.38	5.78432	6.88828	11.94379	5.90795E-07	3.62082E-08	4.37435E-07	1.1E-06	3.7E-10	1.1E-09	6.4E-10	5.8E-10	2.7E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.4E-10
150	557009.4, 3777413.38	5.33773	6.34442	10.51842	5.45181E-07	3.33494E-08	3.85232E-07	9.6E-07	3.3E-10	1.0E-09	5.8E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.8E-10
151	557029.4, 3777413.38	4.91382	5.82478	9.2101	5.01884E-07	3.06179E-08	3.37315E-07	8.7E-07	3.0E-10	9.1E-10	5.3E-10	4.8E-10	2.2E-10	1.0E-11	2.4E-10	1.3E-10	1.1E-10	3.4E-11	5.3E-10
152	557049.4, 3777413.38	4.52868	5.35219	8.07978	4.62547E-07	2.81337E-08	2.95918E-07	7.9E-07	2.7E-10	8.2E-10	4.8E-10	4.3E-10	2.0E-10	9.1E-12	2.2E-10	1.1E-10	1.0E-10	3.1E-11	4.8E-10
153	557069.4, 3777413.38	4.17737	4.92083	7.11184	4.26665E-07	2.58663E-08	2.60467E-07	7.1E-07	2.5E-10	7.5E-10	4.3E-10	3.9E-10	1.8E-10	8.2E-12	2.0E-10	1.0E-10	9.3E-11	2.8E-11	4.3E-10
154	557089.4, 3777413.38	3.85782	4.52856	6.28818	3.94027E-07	2.38043E-08	2.30301E-07	6.5E-07	2.2E-10	6.8E-10	3.9E-10	3.6E-10	1.6E-10	7.5E-12	1.8E-10	9.3E-11	8.4E-11	2.6E-11	3.9E-10
155	557109.4, 3777413.38	3.57143	4.17761	5.59448	3.64776E-07	2.19596E-08	2.04895E-07	5.9E-07	2.0E-10	6.2E-10	3.6E-10	3.2E-10	1.5E-10	6.8E-12	1.7E-10	8.5E-11	7.7E-11	2.3E-11	3.6E-10
156	557129.4, 3777413.38	3.30186	3.84707	4.98715	3.37243E-07	2.02221E-08	1.82652E-07	5.4E-07	1.9E-10	5.6E-10	3.3E-10	3.0E-10	1.4E-10	6.2E-12	1.5E-10	7.8E-11	7.0E-11	2.1E-11	3.3E-10
157	557149.4, 3777413.38	3.07125	3.56574	4.49014	3.13689E-07	1.87433E-08	1.64449E-07	5E-07	1.7E-10	5.2E-10	3.0E-10	2.7E-10	1.2E-10	5.7E-12	1.4E-10	7.1E-11	6.5E-11	2.0E-11	3.0E-10
158	557169.4, 3777413.38	2.85474	3.30174	4.05168	2.91575E-07	1.73556E-08	1.48391E-07	4.6E-07	1.6E-10	4.8E-10	2.8E-10	2.5E-10	1.1E-10	5.3E-12	1.3E-10	6.6E-11	6.0E-11	1.8E-11	2.8E-10
159	557189.4, 3777413.38	2.66341	3.06929	3.68077	2.72034E-07	1.61337E-08	1.34806E-07	4.2E-07	1.5E-10	4.4E-10	2.6E-10	2.3E-10	1.1E-10	4.9E-12	1.2E-10	6.1E-11	5.5E-11	1.7E-11	2.6E-10
160	557209.4, 3777413.38	2.49284	2.86275	3.36337	2.54612E-07	1.5048E-08	1.23182E-07	3.9E-07	1.4E-10	4.1E-10	2.4E-10	2.2E-10	9.8E-11	4.5E-12	1.1E-10	5.6E-11	5.1E-11	1.6E-11	2.4E-10
161	557229.4, 3777413.38	2.33448	2.6714	3.08196	2.38437E-07	1.40422E-08	1.12875E-07	3.7E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.1E-11	4.2E-12	1.0E-10	5.3E-11	4.8E-11	1.4E-11	2.2E-10
162	557249.4, 3777413.38	2.19102	2.49861	2.83626	2.23785E-07	1.31339E-08	1.03877E-07	3.4E-07	1.2E-10	3.6E-10	2.1E-10	1.9E-10	8.5E-11	3.9E-12	9.5E-11	4.9E-11	4.4E-11	1.3E-11	2.1E-10
163	557269.4, 3777413.38	2.06092	2.34242	2.62077	2.10497E-07	1.23129E-08	9.59844E-08	3.2E-07	1.1E-10	3.3E-10	1.9E-10	1.7E-10	8.0E-11	3.7E-12	8.9E-11	4.6E-11	4.2E-11	1.3E-11	1.9E-10
164	557289.4, 3777413.38	1.94148	2.19946	2.42931	1.98298E-07	1.15614E-08	8.89722E-08	3E-07	1.0E-10	3.1E-10	1.8E-10	1.6E-10	7.5E-11	3.5E-12	8.3E-11	4.3E-11	3.9E-11	1.2E-11	1.8E-10
165	557309.4, 3777413.38	1.83163	2.06841	2.25845	1.87078E-07	1.08726E-08	8.27146E-08	2.8E-07	9.7E-11	2.9E-10	1.7E-10	1.5E-10	7.0E-11	3.2E-12	7.8E-11	4.0E-11	3.7E-11	1.1E-11	1.7E-10
166	557329.4, 3777413.38	1.72951	1.94695	2.10422	1.76647E-07	1.02341E-08	7.7066E-08	2.6E-07	9.1E-11	2.8E-10	1.6E-10	1.4E-10	6.6E-11	3.1E-12	7.4E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
167	557349.4, 3777413.38	1.63933	1.84013	1.97028	1.67437E-07	9.67262E-09	7.21605E-08	2.5E-07	8.6E-11	2.6E-10	1.5E-10	1.4E-10	6.2E-11	2.9E-12	7.0E-11	3.6E-11	3.2E-11	9.8E-12	1.5E-10
168	557369.4, 3777413.38	1.55217	1.73713	1.84487	1.58534E-07	9.1312E-09	6.75674E-08	2.4E-07	8.1E-11	2.5E-10	1.4E-10	1.3E-10	5.9E-11	2.7E-12	6.6E-11	3.4E-11	3.1E-11	9.3E-12	1.4E-10
169	557389.4, 3777413.38	1.47496	1.64625	1.73525	1.50648E-07	8.65349E-09	6.35526E-08	2.2E-07	7.7E-11	2.3E-10	1.3E-10	1.2E-10	5.6E-11	2.6E-12	6.2E-11	3.2E-11	2.9E-11	8.8E-12	1.3E-10
170	557409.4, 3777413.38	1.40274	1.5615	1.63486	1.43272E-07	8.20801E-09	5.98759E-08	2.1E-07	7.3E-11	2.2E-10	1.3E-10	1.2E-10	5.3E-11	2.4E-12	5.9E-11	3.0E-11	2.8E-11	8.3E-12	1.3E-10
171	557429.4, 3777413.38	1.33243	1.4792	1.53969	1.36091E-07	7.7754E-09	5.63904E-08	2E-07	6.9E-11	2.1E-10	1.2E-10	1.1E-10	5.0E-11	2.3E-12	5.6E-11	2.9E-11	2.6E-11	7.9E-12	1.2E-10
172	557449.4, 3777413.38	1.2699	1.40627	1.45582	1.29704E-07	7.39204E-09	5.33187E-08	1.9E-07	6.6E-11	2.0E-10	1.2E-10	1.0E-10	4.8E-11	2.2E-12	5.3E-11	2.7E-11	2.5E-11	7.5E-12	1.2E-10
173	557469.4, 3777413.38	1.21239	1.33942	1.37972	1.2383E-07	7.04065E-09	5.05315E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	9.9E-11	4.5E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
174	557489.4, 3777413.38	1.15626	1.27434	1.30703	1.18097E-07	6.69855E-09	4.78693E-08	1.7E-07	6.0E-11	1.8E-10	1.0E-10	9.5E-11	4.3E-11	2.0E-12	4.8E-11	2.5E-11	2.3E-11	6.8E-12	1.0E-10
175	556509.4, 3777433.38	5.23196	4.74947	5.78011	5.34378E-07	2.49655E-08	2.11694E-07	7.7E-07	2.7E-10	8.1E-10	4.7E-10	4.2E-10	1.9E-10	8.9E-12	2.2E-10	1.1E-10	1.0E-10	3.0E-11	4.7E-10
176	556529.4, 3777433.38	5.53021	5.09102	6.08832	5.64841E-07	2.67609E-08	2.22982E-07	8.1E-07	2.8E-10	8.5E-10	4.9E-10	4.5E-10	2.0E-10	9.4E-12	2.3E-10	1.2E-10	1.1E-10	3.2E-11	4.9E-10
177	556549.4, 3777433.38	5.83277	5.45603	6.40771	5.95743E-07	2.86796E-08	2.34679E-07	8.6E-07	3.0E-10	9.0E-10	5.2E-10	4.7E-10	2.2E-10	9.9E-12	2.4E-10	1.2E-10	1.1E-10	3.4E-11	5.2E-10
178	556569.4, 3777433.38	6.13454	5.84016	6.74688	6.26565E-07	3.06987E-08	2.47101E-07	9E-07	3.1E-10	9.5E-10	5.5E-10	5.0E-10	2.3E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.6E-11	5.5E-10
179	556589.4, 3777433.38	6.44007	6.24605	7.12376	6.57771E-07	3.28323E-08	2.60904E-07	9.5E-07	3.3E-10	9.9E-10	5.8E-10	5.2E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.2E-10	3.8E-11	5.8E-10
180	556609.4, 3777433.38	6.73246	6.65527	7.54016	6.87635E-07	3.49833E-08	2.76154E-07	1E-06	3.5E-10	1.0E-09	6.0E-10	5.5E-10	2.5E-10	1.2E-11	2.8E-10	1.4E-10	1.3E-10	3.9E-11	6.0E-10
181	556629.4, 3777433.38	7.00755	7.05789	8.00386	7.15732E-07	3.70997E-08	2.93137E-07	1E-06	3.6E-10	1.1E-09	6.3E-10	5.7E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.4E-10	4.1E-11	6.3E-10
182	556649.4, 3777433.38	7.25627	7.43688	8.51422	7.41136E-07	3.90919E-08	3.11829E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.0E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
183	556669.4, 3777433.38	7.47397	7.778	9.06865	7.63371E-07	4.0885E-08	3.32135E-07	1.1E-06	3.9E-10	1.2E-09	6.9E-10	6.2E-10	2.8E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.9E-10
184	556689.4, 3777433.38	7.66437	8.07711	9.66614	7.82818E-07	4.24572E-08	3.54017E-07	1.2E-06	4.1E-10	1.2E-09	7.1E-10	6.5E-10	3.0E-10	1.4E-11	3.3E-10	1.7E-10	1.5E-10	4.7E-11	7.1E-10
185	556709.4, 3777433.38	7.80604	8.30357	10.29461	7.97288E-07	4.36476E-08	3.77035E-07	1.2E-06	4.2E-10	1.3E-09	7.4E-10	6.7E-10	3.0E-10	1.4E-11	3.4E-10	1.8E-10	1.6E-10	4.8E-11	7.4E-10
186	556729.4, 3777433.38	7.91092	8.47247	10.94953	8.08E-07	4.45354E-08	4.01021E-07	1.3E-06	4.3E-10	1.3E-09	7.6E-10	6.9E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.6E-10
187	556749.4, 3777433.38	7.95723	8.56567	11.61117	8.1273E-07	4.50253E-08	4.25253E-07	1.3E-06	4.4E-10	1.3E-09	7.8E-10	7.0E-10	3.2E-10	1.5E-11	3.6E-10	1.8E-10	1.7E-10	5.1E-11	7.8E-10
188	556769.4, 3777433.38	7.9778	8.64299	12.25307	8.14831E-07	4.54318E-08	4.48762E-07	1.3E-06	4.5E-10	1.4E-09	7.9E-10	7.2E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.2E-11	7.9E-10
189	556789.4, 3777433.38	7.93468	8.6713	12.82585	8.10427E-07	4.55806E-08	4.6974E-07	1.3E-06	4.6E-10	1.4E-09	8.0E-10	7.3E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.2E-11	8.0E-10
190	556809.4, 3777433.38	7.84891	8.68531	13.27909	8.01666E-07	4.56542E-08	4.8634E-07	1.3E-06	4.6E-10	1.4E-09	8.1E-10	7.3E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.3E-11	8.1E-10
191	556829.4, 3777433.38	7.71749	8.66956	13.5804	7.88244E-07	4.55714E-08	4.97375E-07	1.3E-06	4.6E-10	1.4E-09	8.1E-10	7.3E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.3E-11	8.0E-10
192	556849.4, 3777433.38	7.52928	8.58651	13.70467	7.6902E-07	4.51349E-08	5.01926E-07	1.3E-06	4.6E-10	1.4E-09	8.0E-10	7.2E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.2E-11	8.0E-10
193	556869.4, 3777433.38	7.31597	8.45546	13.71809	7.47233E-07	4.4446E-08	5.02418E-07	1.3E-06	4.5E-10	1.4E-09	7.8E-10	7.1E-10	3.2E-10	1.5E-11	3.6E-10	1.9E-10	1.7E-10	5.1E-11	7.8E-10
194	556889.4, 3777433.38	7.04592	8.22466	13.57178	7.19651E-07	4.32328E-08	4.97059E-07	1.3E-06	4.4E-10	1.3E-09	7.6E-10	6.9E-10	3.2E-10	1.5E-11	3.5E-10	1.8E-10	1.6E-10	5.0E-11	7.6E-10
195	556909.4, 3777433.38	6.73058	7.90966	13.25537	6.87443E-07	4.1577E-08	4.85471E-07	1.2E-06	4.2E-10	1.3E-09	7.3E-10	6.7E-10	3.0E-10	1.4E-11	3.4E-10	1.7E-10	1.6E-10	4.8E-11	7.3E-10
196	556929.4, 3777433.38	6.3718	7.51775	12.71506	6.50798E-07	3.9517E-08	4.65683E-07	1.2E-06	4.0E-10	1.2E-09	7.0E-10	6.3E-10	2.9E-10	1.3E-11	3.2E-10	1.7E-10	1.5E-10	4.6E-11	7.0E-10
197	556949.4, 3777433.38	5.98942	7.08024	11.95345	6.11743E-07	3.72172E-08	4.37789E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.0E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
198	556969.4, 3777433.38	5.58734	6.60548	10.98963	5.70676E-07	3.47216E-08	4.0249E-07	1E-06	3.5E-10	1.1E-09	6.1E-10	5.5E-10	2.5E-10	1.2E-11	2.8E-10	1.4E-10	1.3E-10	4.0E-11	6.1E-10
199	556989.4, 3777433.38	5.19607	6.13706	9.95401	5.30713E-07	3.22594E-08	3.6456E-07	9.3E-07	3.2E-10	9.7E-10	5.6E-10	5.1E-10	2.3E-10	1.1E-11	2.6E-10	1.3E-10	1.2E-10	3.7E-11	5.6E-10
200	557009.4, 3777433.38	4.84161	5.71127	8.97223	4.94509E-07	3.00212E-08	3.28603E-07	8.5E-07	3.0E-10	8.9E-10	5.2E-10	4.7E-10	2.1E-10	9.9E-12	2.4E-10	1.2E-10	1.1E-10	3.4E-11	5.2E-10
201	557029.4, 3777433.38	4.49414	5.28973	8.01918	4.59019E-07	2.78054E-08	2.93698E-07	7.8E-07	2.7E-10	8.2E-10	4.7E-10	4.3E-10	2.0E-10	9.0E-12	2.2E-10	1.1E-10	1.0E-10	3.1E-11	4.7E-10
202

234	556689.4, 3777453.38	6.7115	7.08007	8.66235	6.85494E-07	3.72163E-08	3.17254E-07	1E-06	3.6E-10	1.1E-09	6.3E-10	5.7E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.4E-10	4.1E-11	6.3E-10
235	556709.4, 3777453.38	6.80282	7.22028	9.15022	6.94822E-07	3.79533E-08	3.35122E-07	1.1E-06	3.7E-10	1.1E-09	6.5E-10	5.9E-10	2.7E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.5E-10
236	556729.4, 3777453.38	6.87124	7.32619	9.63608	7.0181E-07	3.851E-08	3.52916E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.1E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
237	556749.4, 3777453.38	6.90228	7.39017	10.09265	7.0498E-07	3.88463E-08	3.69638E-07	1.1E-06	3.9E-10	1.2E-09	6.7E-10	6.1E-10	2.8E-10	1.3E-11	3.1E-10	1.6E-10	1.5E-10	4.4E-11	6.7E-10
238	556769.4, 3777453.38	6.89903	7.42883	10.49649	7.04648E-07	3.90496E-08	3.84429E-07	1.1E-06	3.9E-10	1.2E-09	6.8E-10	6.2E-10	2.8E-10	1.3E-11	3.1E-10	1.6E-10	1.5E-10	4.5E-11	6.8E-10
239	556789.4, 3777453.38	6.85852	7.44879	10.81558	7.00511E-07	3.91545E-08	3.96115E-07	1.1E-06	3.9E-10	1.2E-09	6.9E-10	6.2E-10	2.8E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.9E-10
240	556809.4, 3777453.38	6.78636	7.45792	11.03238	6.9314E-07	3.92025E-08	4.04055E-07	1.1E-06	3.9E-10	1.2E-09	6.9E-10	6.2E-10	2.8E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.9E-10
241	556829.4, 3777453.38	6.69009	7.45573	11.15481	6.83308E-07	3.9191E-08	4.08539E-07	1.1E-06	3.9E-10	1.2E-09	6.8E-10	6.2E-10	2.8E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.8E-10
242	556849.4, 3777453.38	6.54694	7.39769	11.16617	6.68687E-07	3.88859E-08	4.08955E-07	1.1E-06	3.9E-10	1.2E-09	6.8E-10	6.1E-10	2.8E-10	1.3E-11	3.1E-10	1.6E-10	1.5E-10	4.4E-11	6.7E-10
243	556869.4, 3777453.38	6.38183	7.30116	11.12056	6.51823E-07	3.83785E-08	4.07285E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.1E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
244	556889.4, 3777453.38	6.1583	7.11174	10.96082	6.28992E-07	3.73828E-08	4.01434E-07	1.1E-06	3.7E-10	1.1E-09	6.5E-10	5.9E-10	2.7E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.5E-10
245	556909.4, 3777453.38	5.91553	6.87968	10.72999	6.04196E-07	3.6163E-08	3.9298E-07	1E-06	3.6E-10	1.1E-09	6.3E-10	5.7E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.3E-10	4.1E-11	6.2E-10
246	556929.4, 3777453.38	5.62543	6.57045	10.33364	5.74566E-07	3.45375E-08	3.78464E-07	9.9E-07	3.4E-10	1.0E-09	6.0E-10	5.4E-10	2.5E-10	1.1E-11	2.8E-10	1.4E-10	1.3E-10	3.9E-11	6.0E-10
247	556949.4, 3777453.38	5.32728	6.23873	9.81939	5.44114E-07	3.27938E-08	3.5963E-07	9.4E-07	3.2E-10	9.8E-10	5.7E-10	5.1E-10	2.3E-10	1.1E-11	2.6E-10	1.3E-10	1.2E-10	3.7E-11	5.7E-10
248	556969.4, 3777453.38	5.01363	5.87704	9.17112	5.12079E-07	3.08926E-08	3.35888E-07	8.8E-07	3.0E-10	9.2E-10	5.3E-10	4.8E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.1E-10	3.5E-11	5.3E-10
249	556989.4, 3777453.38	4.69797	5.5053	8.44481	4.79838E-07	2.89385E-08	3.09287E-07	8.2E-07	2.8E-10	8.6E-10	4.9E-10	4.5E-10	2.0E-10	9.5E-12	2.3E-10	1.2E-10	1.1E-10	3.2E-11	4.9E-10
250	557009.4, 3777453.38	4.39318	5.14219	7.70572	4.48708E-07	2.70299E-08	2.82218E-07	7.6E-07	2.6E-10	7.9E-10	4.6E-10	4.2E-10	1.9E-10	8.8E-12	2.1E-10	1.1E-10	9.9E-11	3.0E-11	4.6E-10
251	557029.4, 3777453.38	4.10684	4.79898	7.00053	4.19462E-07	2.52258E-08	2.56391E-07	7E-07	2.4E-10	7.3E-10	4.2E-10	3.8E-10	1.8E-10	8.1E-12	2.0E-10	1.0E-10	9.1E-11	2.8E-11	4.2E-10
252	557049.4, 3777453.38	3.83781	4.47515	6.34532	3.91984E-07	2.35236E-08	2.32394E-07	6.5E-07	2.2E-10	6.8E-10	3.9E-10	3.6E-10	1.6E-10	7.5E-12	1.8E-10	9.3E-11	8.4E-11	2.6E-11	3.9E-10
253	557069.4, 3777453.38	3.58821	4.17422	5.75287	3.6649E-07	2.19417E-08	2.10696E-07	6E-07	2.1E-10	6.3E-10	3.6E-10	3.3E-10	1.5E-10	6.9E-12	1.7E-10	8.6E-11	7.8E-11	2.4E-11	3.6E-10
254	557089.4, 3777453.38	3.35193	3.88877	5.21408	3.42357E-07	2.04413E-08	1.90963E-07	5.5E-07	1.9E-10	5.8E-10	3.4E-10	3.0E-10	1.4E-10	6.4E-12	1.5E-10	8.0E-11	7.2E-11	2.2E-11	3.3E-10
255	557109.4, 3777453.38	3.13449	3.62626	4.73726	3.20148E-07	1.90614E-08	1.735E-07	5.1E-07	1.8E-10	5.4E-10	3.1E-10	2.8E-10	1.3E-10	5.9E-12	1.4E-10	7.4E-11	6.7E-11	2.0E-11	3.1E-10
256	557129.4, 3777453.38	2.92958	3.37887	4.30834	2.99219E-07	1.7761E-08	1.57791E-07	4.7E-07	1.6E-10	5.0E-10	2.9E-10	2.6E-10	1.2E-10	5.5E-12	1.3E-10	6.8E-11	6.2E-11	1.9E-11	2.9E-10
257	557149.4, 3777453.38	2.74518	3.15684	3.93594	2.80385E-07	1.65939E-08	1.44152E-07	4.4E-07	1.5E-10	4.6E-10	2.7E-10	2.4E-10	1.1E-10	5.1E-12	1.2E-10	6.3E-11	5.7E-11	1.7E-11	2.7E-10
258	557169.4, 3777453.38	2.56767	2.94311	3.59475	2.62255E-07	1.54704E-08	1.31656E-07	4.1E-07	1.4E-10	4.3E-10	2.5E-10	2.2E-10	1.0E-10	4.7E-12	1.1E-10	5.9E-11	5.3E-11	1.6E-11	2.5E-10
259	557189.4, 3777453.38	2.4124	2.75695	3.30446	2.46396E-07	1.44919E-08	1.21024E-07	3.8E-07	1.3E-10	4.0E-10	2.3E-10	2.1E-10	9.6E-11	4.4E-12	1.1E-10	5.5E-11	5.0E-11	1.5E-11	2.3E-10
260	557209.4, 3777453.38	2.27212	2.58922	3.05033	2.32068E-07	1.36102E-08	1.11717E-07	3.6E-07	1.2E-10	3.7E-10	2.2E-10	2.0E-10	8.9E-11	4.1E-12	1.0E-10	5.1E-11	4.7E-11	1.4E-11	2.2E-10
261	557229.4, 3777453.38	2.13791	2.42891	2.81698	2.1836E-07	1.27675E-08	1.0317E-07	3.3E-07	1.2E-10	3.5E-10	2.0E-10	1.8E-10	8.4E-11	3.9E-12	9.3E-11	4.8E-11	4.4E-11	1.3E-11	2.0E-10
262	557249.4, 3777453.38	2.02029	2.28896	2.61682	2.06347E-07	1.20319E-08	9.58397E-08	3.1E-07	1.1E-10	3.3E-10	1.9E-10	1.7E-10	7.9E-11	3.6E-12	8.8E-11	4.5E-11	4.1E-11	1.2E-11	1.9E-10
263	557269.4, 3777453.38	1.90835	2.15596	2.43292	1.94914E-07	1.13328E-08	8.91044E-08	3E-07	1.0E-10	3.1E-10	1.8E-10	1.6E-10	7.4E-11	3.4E-12	8.2E-11	4.2E-11	3.8E-11	1.2E-11	1.8E-10
264	557289.4, 3777453.38	1.80509	2.03359	2.26785	1.84367E-07	1.06895E-08	8.30588E-08	2.8E-07	9.6E-11	2.9E-10	1.7E-10	1.5E-10	7.0E-11	3.2E-12	7.8E-11	4.0E-11	3.6E-11	1.1E-11	1.7E-10
265	557309.4, 3777453.38	1.712	1.92362	2.12211	1.74859E-07	1.01115E-08	7.77212E-08	2.6E-07	9.1E-11	2.7E-10	1.6E-10	1.4E-10	6.6E-11	3.0E-12	7.3E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
266	557329.4, 3777453.38	1.62407	1.81997	1.9882	1.65878E-07	9.56665E-09	7.28168E-08	2.5E-07	8.6E-11	2.6E-10	1.5E-10	1.4E-10	6.2E-11	2.9E-12	6.9E-11	3.6E-11	3.2E-11	9.8E-12	1.5E-10
267	557349.4, 3777453.38	1.54315	1.72484	1.86753	1.57613E-07	9.0666E-09	6.83973E-08	2.4E-07	8.1E-11	2.5E-10	1.4E-10	1.3E-10	5.9E-11	2.7E-12	6.6E-11	3.4E-11	3.1E-11	9.3E-12	1.4E-10
268	557369.4, 3777453.38	1.46478	1.6329	1.75392	1.49609E-07	8.58332E-09	6.42364E-08	2.2E-07	7.7E-11	2.3E-10	1.3E-10	1.2E-10	5.6E-11	2.6E-12	6.2E-11	3.2E-11	2.9E-11	8.8E-12	1.3E-10
269	557389.4, 3777453.38	1.39554	1.55196	1.65465	1.42537E-07	8.15786E-09	6.06007E-08	2.1E-07	7.3E-11	2.2E-10	1.3E-10	1.2E-10	5.3E-11	2.4E-12	5.9E-11	3.0E-11	2.8E-11	8.3E-12	1.3E-10
270	557409.4, 3777453.38	1.33356	1.47973	1.56678	1.36206E-07	7.77818E-09	5.73825E-08	2E-07	7.0E-11	2.1E-10	1.2E-10	1.1E-10	5.0E-11	2.3E-12	5.6E-11	2.9E-11	2.6E-11	7.9E-12	1.2E-10
271	557429.4, 3777453.38	1.27255	1.40876	1.48251	1.29975E-07	7.40513E-09	5.42962E-08	1.9E-07	6.6E-11	2.0E-10	1.2E-10	1.1E-10	4.8E-11	2.2E-12	5.4E-11	2.8E-11	2.5E-11	7.6E-12	1.2E-10
272	557449.4, 3777453.38	1.21559	1.34266	1.40506	1.24157E-07	7.05768E-09	5.14596E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
273	557469.4, 3777453.38	1.16162	1.28021	1.33294	1.18645E-07	6.72941E-09	4.88182E-08	1.7E-07	6.0E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
274	557489.4, 3777453.38	1.11038	1.22106	1.26554	1.13411E-07	6.41849E-09	4.63498E-08	1.7E-07	5.8E-11	1.7E-10	1.0E-10	9.1E-11	4.2E-11	1.9E-12	4.6E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
275	556509.4, 3777473.38	4.48936	4.23432	4.93269	4.58531E-07	2.22577E-08	1.80657E-07	6.6E-07	2.3E-10	6.9E-10	4.0E-10	3.6E-10	1.7E-10	7.6E-12	1.8E-10	9.5E-11	8.6E-11	2.6E-11	4.0E-10
276	556529.4, 3777473.38	4.68773	4.48354	5.16144	4.78792E-07	2.35677E-08	1.89035E-07	6.9E-07	2.4E-10	7.2E-10	4.2E-10	3.8E-10	1.7E-10	8.0E-12	1.9E-10	9.9E-11	9.0E-11	2.7E-11	4.2E-10
277	556549.4, 3777473.38	4.88632	4.74321	5.40773	4.99076E-07	2.49326E-08	1.98055E-07	7.2E-07	2.5E-10	7.5E-10	4.4E-10	4.0E-10	1.8E-10	8.3E-12	2.0E-10	1.0E-10	9.4E-11	2.9E-11	4.4E-10
278	556569.4, 3777473.38	5.0838	5.01059	5.67844	5.19246E-07	2.63381E-08	2.0797E-07	7.5E-07	2.6E-10	7.9E-10	4.6E-10	4.1E-10	1.9E-10	8.7E-12	2.1E-10	1.1E-10	9.8E-11	3.0E-11	4.6E-10
279	556589.4, 3777473.38	5.26495	5.26827	5.96901	5.37748E-07	2.76926E-08	2.18612E-07	7.8E-07	2.7E-10	8.2E-10	4.7E-10	4.3E-10	2.0E-10	9.1E-12	2.2E-10	1.1E-10	1.0E-10	3.1E-11	4.7E-10
280	556609.4, 3777473.38	5.43318	5.515	6.28735	5.5493E-07	2.89895E-08	2.30271E-07	8.1E-07	2.8E-10	8.5E-10	4.9E-10	4.5E-10	2.0E-10	9.4E-12	2.3E-10	1.2E-10	1.1E-10	3.2E-11	4.9E-10
281	556629.4, 3777473.38	5.58707	5.74457	6.6337	5.70648E-07	3.01963E-08	2.42956E-07	8.4E-07	2.9E-10	8.8E-10	5.1E-10	4.6E-10	2.1E-10	9.8E-12	2.4E-10	1.2E-10	1.1E-10	3.3E-11	5.1E-10
282	556649.4, 3777473.38	5.72225	5.94756	7.00202	5.84455E-07	3.12633E-08	2.56445E-07	8.7E-07	3.0E-10	9.1E-10	5.3E-10	4.8E-10	2.2E-10	1.0E-11	2.4E-10	1.3E-10	1.1E-10	3.4E-11	5.3E-10
283	556669.4, 3777473.38	5.8297	6.10987	7.37947	5.9543E-07	3.21165E-08	2.70269E-07	9E-07	3.1E-10	9.4E-10	5.4E-10	4.9E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.5E-11	5.4E-10
284	556689.4, 3777473.38	5.91349	6.23398	7.75958	6.03988E-07	3.27688E-08	2.84191E-07	9.2E-07	3.2E-10	9.6E-10	5.6E-10	5.1E-10	2.3E-10	1.1E-11	2.6E-10	1.3E-10	1.2E-10	3.6E-11	5.6E-10
285	556709.4, 3777473.38	5.97859	6.32752	8.13405	6.10637E-07	3.32605E-08	2.97905E-07	9.4E-07	3.3E-10	9.8E-10	5.7E-10	5.2E-10	2.4E-10	1.1E-11	2.6E-10	1.4E-10	1.2E-10	3.7E-11	5.7E-10
286	556729.4, 3777473.38	6.02379	6.39517	8.48657	6.15254E-07	3.36161E-08	3.10816E-07	9.6E-07	3.3E-10	1.0E-09	5.8E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.8E-10
287	556749.4, 3777473.38	6.03478	6.42886	8.78871	6.16376E-07	3.37932E-08	3.21882E-07	9.7E-07	3.4E-10	1.0E-09	5.9E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.9E-10
288	556769.4, 3777473.38	6.02909	6.45863	9.03636	6.15795E-07	3.39497E-08	3.30952E-07	9.8E-07	3.4E-10	1.0E-09	5.9E-10	5.4E-10	2.5E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.9E-11	5.9E-10
289	556789.4, 3777473.38	5.99079	6.47088	9.20123	6.11883E-07	3.40141E-08	3.3699E-07	9.8E-07	3.4E-10	1.0E-09	5.9E-10	5.4E-10	2.5E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.9E-11	5.9E-10
290	556809.4, 3777473.38	5.93417	6.48127	9.29383	6.061E-07	3.40687E-08	3.40382E-07	9.8E-07	3.4E-10	1.0E-09	5.9E-10	5.4E-10	2.5E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.9E-11	5.9E-10
291	556829.4, 3777473.38	5.8553	6.47702	9.32034	5.98045E-07	3.40464E-08	3.41353E-07	9.7E-07	3.4E-10	1.0E-09	5.9E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.9E-10
292	556849.4, 3777473.38	5.75138	6.44378	9.29526	5.8743E-07	3.38717E-08	3.40434E-07	9.6E-07	3.3E-10	1.0E-09	5.8E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.8E-10
293	556869.4, 3777473.38	5.62044	6.36969	9.23068	5.74057E-07	3.34822E-08	3.38069E-07	9.5E-07	3.3E-10	9.9E-10	5.7E-10	5.2E-10	2.4E-10	1.1E-11	2.6E-10	1.4E-10	1.2E-10	3.7E-11	5.7E-10
294	556889.4, 3777473.38	5.44102	6.222	9.09116	5.55731E-07	3.27059E-08	3.32959E-07	9.2E-07	3.2E-10	9.6E-10	5.6E-10	5.1E-10	2.3E-10	1.1E-11	2.6E-10	1.3E-10	1.2E-10	3.6E-11	5.6E-10
295	556909.4, 3777473.38	5.24887	6.04506	8.91385	5.36105E-07	3.17758E-08	3.26465E-07	8.9E-07	3.1E-10	9.3E-10	5.4E-10	4.9E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.5E-11	5.4E-10
296	556929.4, 3777473.38	5.0255	5.8162	8.63863	5.13291E-07	3.05728E-08	3.16385E-07	8.6E-07	3.0E-10	9.0E-10	5.2E-10	4.7E-10	2.2E-10	9.9E-12	2.4E-10	1.2E-10	1.1E-10	3.4E-11	5.2E-10
297	556949.4, 3777473.38	4.78411	5.55403	8.26569	4.88636E-07	2.91947E-08	3.02727E-07	8.2E-07	2.8E-10	8.6E-10	5.0E-10	4.5E-10	2.1E-10	9.5E-12	2.3E-10	1.2E-10	1.1E-10	3.2E-11	5.0E-10
298	556969.4, 3777473.38	4.52958	5.26658	7.79956	4.62639E-07	2.76837E-08	2.85655E-07	7.8E-07	2.7E-10	8.1E-10	4.7E-10	4.3E-10	1.9E-10	9.0E-12	2.2E-10	1.1E-10	1.0E-10	3.1E-11	4.7E-10
299	556989.4, 3777473.38	4.27228	4.96893	7.27353	4.36359E-07	2.61191E-08	2.66389E-07	7.3E-07	2.5E-10	7.6E-10	4.4E-10	4.0E-10	1.8E-10	8.4E-12	2.0E-10	1.0E-10	9.5E-11	2.9E-11	4.4E-10
300	557009.4, 3777473.38	4.02196	4.67521	6.7284	4.10792E-07	2.45752E-08	2.46424E-07	6.8E-07	2.4E-10	7.1E-10	4.1E-10	3.7E-10	1.7E-10	7.9E-12	1.9E-10	9.8E-11	8.9E-11	2.7E-11	4.1E-10
301	557029.4, 3777473.38	3.77806	4.38597	6.18355	3.85881E-07	2.30548E-08	2.26469E-07	6.4E-07	2.2E-10	6.6E-10	3.8E-10	3.5E-10	1.6E-10	7.3E-12	1.8E-10	9.1E-11	8.3E-11	2.5E-11	3.8E-10
302	557049.4, 3777473.38	3.54616	4.10935	5.66477	3.62195E-07	2.16007E-08	2.07469E-07	5.9E-07	2.0E-10	6.2E-10	3.6E-10	3.2E-10	1.5E-10	6.8E-12	1.7E-10	8.5E-11	7.7E-11	2.3E-11	3.6E-10
303	557069.4, 3777473.38	3.33254	3.85412	5.19189	3.40377E-07	2.02591E-08	1.9015E-07	5.5E-07	1.9E-10	5.8E-10	3.3E-10	3.0E-10	1.4E-10	6.4E-12	1.5E-10	7.9E-11	7.2E-11	2.2E-11	3.3E-10
304	557089.4, 3777473.38	3.12716	3.60794	4.75063	3.194E-07	1.89651E-08	1.73989E-07	5.1E-07	1.8E-10	5.4E-10	3.1E-10	2.8E-10	1.3E-10	5.9E-12	1.4E-10	7.4E-11	6.7E-11	2.0E-11	3.1E-10
305	557109.4, 3777473.38	2.93849	3.38192	4.35623	3.00129E-07	1.7777E-08	1.59545E-07	4.8E-07	1.7E-10	5.0E-10	2.9E-10	2.6E-10	1.2E-10	5.5E-12	1.3E-10	6.9E-11	6.2E-11	1.9E-11	2.9E-10
306	557129.4, 3777473.38	2.75711	3.1644	3.9921	2.81604E-07	1.66336E-08	1.46209E-07	4.4E-07	1.5E-10	4.6E-10	2.7E-10	2.4E-10	1.1E-10	5.1E-12	1.2E-10	6.4E-11	5.8E-11	1.8E-11	2.7E-10
307	557149.4, 3777473.38	2.59514	2.97075	3.67527	2.65061E-07	1.56157E-08	1.34605E-07	4.2E-07	1.4E-10	4.3E-10	2.5E-10	2.3E-10	1.0E-10	4.8E-12	1.2E-10	6.0E-11	5.4E-11	1.6E-11	2.5E-10
308	557169.4, 3777473.38	2.4362	2.78057	3.37819	2.48827E-07	1.4616E-08	1.23724E-07	3.9E-07	1.3E-10	4.0E-10	2.3E-10	2.1E-10	9.7E-11	4.5E-12	1.1E-10	5.6E-11	5.0E-11	1.5E-11	2.3E-10
309	557189.4, 3777473.38	2.2951	2.61236	3.12085	2.34415E-07	1.37318E-08	1.143E-07	3.6E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.1E-11	4.2E-12	1.0E-10	5.2E-11	4.7E-11	1.4E-11	2.2E-10
310	557209.4, 3777473.38	2.16614	2.459	2.89229	2.21244E-07	1.29257E-08	1.05929E-07	3.4E-07	1.2E-10	3.6E-10	2.1E-10	1.9E-10	8.5E-11	3.9E-12	9.5E-11	4.9E-11	4.4E-11	1.3E-11	2.1E-10
311	557229.4, 3777473.38	2.045	2.31516	2.6844	2.08871E-07	1.21696E-08	9.83148E-08	3.2E-07	1.1E-10	3.3E-10	1.9E-10	1.8E-10	8.0E-11	3.7E-12	8.9E-11	4.6E-11	4.2E-11	1.3E-11	1.9E-10
312	557249.4, 3777473.38	1.93693	2.18726	2.50277	1.97833E-07	1.14973E-08	9.16627E-08	3E-07	1.0E-10	3.1E-10	1.8E-10	1.7E-10	7.5E-11	3.5E-12	8.4E-11	4.3E-11	3.9E-11	1.2E-11	1.8E-10
313	557269.4, 3777473.38	1.83339	2.06487	2.33431	1.87258E-07	1.0854E-08	8.54929E-08	2.8E-07	9.8E-11	3.0E-10	1.7E-10	1.6E-10	7.1E-11	3.3E-12	7.9E-11	4.1E-11	3.7E-11	1.1E-11	1.7E-10
314	557289.4, 3777473.38	1.73825	1.95269	2.18309	1.7754E-07	1.02643E-08	7.99545E-08	2.7E-07	9.3E-11	2.8E-10	1.6E-10	1.5E-10	6.7E-11	3.1E-12	7.5E-11	3.8E-11	3.5E-11	1.1E-11	1.6E-10
315	557309.4, 3777473.38	1.65144	1.85062	2.04789	1.68674E-07	9.72776E-09	7.50029E-08	2.5E-07	8.8E-11	2.6E-10	1.5E-10	1.4E-10	6.3E-11	2.9E-12	7.1E-11	3.6E-11	3.3E-11	1.0E-11	1.5E-10
316	557329.4, 3777473.38	1.57099	1.75623	1.92525	1.60457E-07	9.2316E-09	7.05113E-08	2.4E-07	8.3E-11	2.5E-10	1.5E-10	1.3E-10	6.0E-11	2.8E-12	6.7E-11	3.5E-11	3.1E-11	9.5E-12	1.5E-10
317	557349.4, 3777473.38	1.49472	1.66693	1.81176	1.52667E-07	8.7622E-09	6.63548E-08	2.3E-07	7.9E-11	2.4E-10	1.4E-10	1.2E-10	5.7E-11	2.6E-12	6.4E-11	3.3E-11	3.0E-11	9.0E-12	1.4E-10
318	557369.4, 3777473.38	1.42417	1.58453	1.70868	1.45461E-07	8.32906E-09	6.25795E-08	2.2E-07	7.5E-11	2.3E-10	1.3E-10	1.2E-10	5.4E-11	2.5E-12	6.0E-11	3.1E-11	2.8E-11	8.5E-12	1.3E-10
319	557389.4, 3777473.38	1.35724	1.50653	1.61295	1.38625E-07	7.91906E-09	5.90735E-08	2.1E-07	7.1E-11	2.1E-10	1.2E-10	1.1E-10	5.1E-11	2.4E-12	5.7E-11	3.0E-11	2.7E-11	8.1E-12	1.2E-10
320	557409.4, 3777473.38	1.29692	1.43645	1.52768	1.32464E-07	7.55068E-09	5.59505E-08	2E-07	6.8E-11	2.0E-10	1.2E-10	1.1E-10	4.9E-11	2.3E-12	5.5E-11	2.8E-11	2.6E-11	7.7E-12	1.2E-10
321	557429.4, 3777473.38	1.23847	1.36866	1.44684	1.26494E-07	7.19434E-09	5.29898E-08	1.9E-07	6.5E-11	2.0E-10	1.1E-10	1.0E-10	4.7E-11	2.2E-12	5.2E-11	2.7E-11	2.4E-11	7.4E-12	1.1E-10
322	557449.4, 3777473.38	1.18689	1.30903	1.37592	1.21226E-07	6.8809E-09	5.03924E-08	1.8E-07	6.2E-11	1.9E-10	1.1E-10	9.8E-11	4.5E-11	2.1E-12	5.0E-11	2.6E-11	2.3E-11	7.0E-12	1.1E-10
323	557469.4,

355	557109.4, 3777493.38	2.75785	3.15836	4.01122	2.81679E-07	1.66019E-08	1.46909E-07	4.5E-07	1.5E-10	4.7E-10	2.7E-10	2.4E-10	1.1E-10	5.1E-12	1.2E-10	6.4E-11	5.8E-11	1.8E-11	2.7E-10
356	557129.4, 3777493.38	2.59825	2.96829	3.70306	2.65378E-07	1.56028E-08	1.35623E-07	4.2E-07	1.4E-10	4.4E-10	2.5E-10	2.3E-10	1.0E-10	4.8E-12	1.2E-10	6.0E-11	5.4E-11	1.6E-11	2.5E-10
357	557149.4, 3777493.38	2.45191	2.79431	3.42733	2.50431E-07	1.46883E-08	1.25524E-07	3.9E-07	1.4E-10	4.1E-10	2.4E-10	2.1E-10	9.8E-11	4.5E-12	1.1E-10	5.6E-11	5.1E-11	1.5E-11	2.4E-10
358	557169.4, 3777493.38	2.31308	2.62937	3.17395	2.36252E-07	1.38213E-08	1.16244E-07	3.7E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.2E-11	4.2E-12	1.0E-10	5.3E-11	4.8E-11	1.4E-11	2.2E-10
359	557189.4, 3777493.38	2.18188	2.47369	2.94176	2.22851E-07	1.30029E-08	1.0774E-07	3.4E-07	1.2E-10	3.6E-10	2.1E-10	1.9E-10	8.6E-11	4.0E-12	9.6E-11	4.9E-11	4.5E-11	1.4E-11	2.1E-10
360	557209.4, 3777493.38	2.06598	2.33665	2.74025	2.11014E-07	1.22826E-08	1.0036E-07	3.2E-07	1.1E-10	3.4E-10	2.0E-10	1.8E-10	8.1E-11	3.7E-12	9.0E-11	4.7E-11	4.2E-11	1.3E-11	2.0E-10
361	557229.4, 3777493.38	1.95485	2.20539	2.553	1.99663E-07	1.15926E-08	9.35023E-08	3E-07	1.1E-10	3.2E-10	1.8E-10	1.7E-10	7.6E-11	3.5E-12	8.5E-11	4.4E-11	4.0E-11	1.2E-11	1.8E-10
362	557249.4, 3777493.38	1.85354	2.08604	2.38589	1.89316E-07	1.09652E-08	8.7382E-08	2.9E-07	1.0E-10	3.0E-10	1.7E-10	1.6E-10	7.2E-11	3.3E-12	8.0E-11	4.1E-11	3.7E-11	1.1E-11	1.7E-10
363	557269.4, 3777493.38	1.76028	1.97642	2.23535	1.7979E-07	1.0389E-08	8.18685E-08	2.7E-07	9.4E-11	2.8E-10	1.6E-10	1.5E-10	6.8E-11	3.1E-12	7.6E-11	3.9E-11	3.5E-11	1.1E-11	1.6E-10
364	557289.4, 3777493.38	1.67282	1.87381	2.09747	1.70857E-07	9.84966E-09	7.68188E-08	2.6E-07	8.9E-11	2.7E-10	1.6E-10	1.4E-10	6.4E-11	3.0E-12	7.2E-11	3.7E-11	3.4E-11	1.0E-11	1.6E-10
365	557309.4, 3777493.38	1.59071	1.77766	1.97092	1.62471E-07	9.34425E-09	7.21839E-08	2.4E-07	8.4E-11	2.6E-10	1.5E-10	1.3E-10	6.1E-11	2.8E-12	6.8E-11	3.5E-11	3.2E-11	9.6E-12	1.5E-10
366	557329.4, 3777493.38	1.51551	1.68983	1.85699	1.5479E-07	8.88257E-09	6.80113E-08	2.3E-07	8.0E-11	2.4E-10	1.4E-10	1.3E-10	5.8E-11	2.7E-12	6.5E-11	3.3E-11	3.0E-11	9.1E-12	1.4E-10
367	557349.4, 3777493.38	1.44564	1.6084	1.75306	1.47654E-07	8.45454E-09	6.42049E-08	2.2E-07	7.6E-11	2.3E-10	1.3E-10	1.2E-10	5.5E-11	2.5E-12	6.2E-11	3.2E-11	2.9E-11	8.7E-12	1.3E-10
368	557369.4, 3777493.38	1.37968	1.53166	1.65685	1.40917E-07	8.05115E-09	6.06813E-08	2.1E-07	7.3E-11	2.2E-10	1.3E-10	1.1E-10	5.2E-11	2.4E-12	5.9E-11	3.0E-11	2.7E-11	8.3E-12	1.3E-10
369	557389.4, 3777493.38	1.31884	1.46106	1.56943	1.34703E-07	7.68004E-09	5.74796E-08	2E-07	6.9E-11	2.1E-10	1.2E-10	1.1E-10	5.0E-11	2.3E-12	5.6E-11	2.9E-11	2.6E-11	7.9E-12	1.2E-10
370	557409.4, 3777493.38	1.2615	1.39465	1.48844	1.28846E-07	7.33096E-09	5.45133E-08	1.9E-07	6.6E-11	2.0E-10	1.2E-10	1.0E-10	4.8E-11	2.2E-12	5.3E-11	2.7E-11	2.5E-11	7.5E-12	1.2E-10
371	557429.4, 3777493.38	1.20434	1.32856	1.40971	1.23008E-07	6.98356E-09	5.16299E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.5E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
372	557449.4, 3777493.38	1.15465	1.27128	1.34147	1.17933E-07	6.68247E-09	4.91306E-08	1.7E-07	6.0E-11	1.8E-10	1.1E-10	9.5E-11	4.3E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
373	557469.4, 3777493.38	1.10843	1.21812	1.27876	1.13212E-07	6.40303E-09	4.68339E-08	1.7E-07	5.8E-11	1.7E-10	1.0E-10	9.1E-11	4.2E-11	1.9E-12	4.6E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
374	557489.4, 3777493.38	1.06301	1.16597	1.21833	1.08573E-07	6.12891E-09	4.46207E-08	1.6E-07	5.5E-11	1.7E-10	9.6E-11	8.7E-11	4.0E-11	1.8E-12	4.4E-11	2.3E-11	2.1E-11	6.3E-12	9.6E-11
375	556509.4, 3777513.38	3.85648	3.74585	4.25474	3.9389E-07	1.969E-08	1.55828E-07	5.7E-07	2.0E-10	6.0E-10	3.4E-10	3.1E-10	1.4E-10	6.6E-12	1.6E-10	8.2E-11	7.4E-11	2.2E-11	3.4E-10
376	556529.4, 3777513.38	3.99031	3.92502	4.43413	4.07559E-07	2.06318E-08	1.62398E-07	5.9E-07	2.0E-10	6.2E-10	3.6E-10	3.2E-10	1.5E-10	6.8E-12	1.6E-10	8.5E-11	7.7E-11	2.3E-11	3.6E-10
377	556549.4, 3777513.38	4.11382	4.0982	4.6226	4.20174E-07	2.15421E-08	1.693E-07	6.1E-07	2.1E-10	6.4E-10	3.7E-10	3.4E-10	1.5E-10	7.1E-12	1.7E-10	8.8E-11	8.0E-11	2.4E-11	3.7E-10
378	556569.4, 3777513.38	4.24124	4.27706	4.83579	4.33189E-07	2.24823E-08	1.77108E-07	6.3E-07	2.2E-10	6.6E-10	3.8E-10	3.5E-10	1.6E-10	7.3E-12	1.8E-10	9.1E-11	8.2E-11	2.5E-11	3.8E-10
379	556589.4, 3777513.38	4.34836	4.43482	5.05608	4.4413E-07	2.33116E-08	1.85176E-07	6.5E-07	2.3E-10	6.8E-10	3.9E-10	3.6E-10	1.6E-10	7.5E-12	1.8E-10	9.4E-11	8.5E-11	2.6E-11	3.9E-10
380	556609.4, 3777513.38	4.43952	4.57216	5.28667	4.53441E-07	2.40335E-08	1.93622E-07	6.7E-07	2.3E-10	7.0E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.6E-11	8.7E-11	2.6E-11	4.1E-10
381	556629.4, 3777513.38	4.52905	4.70163	5.53676	4.62585E-07	2.47141E-08	2.02781E-07	6.9E-07	2.4E-10	7.2E-10	4.2E-10	3.8E-10	1.7E-10	8.0E-12	1.9E-10	9.9E-11	9.0E-11	2.7E-11	4.2E-10
382	556649.4, 3777513.38	4.59805	4.80107	5.78464	4.69632E-07	2.52368E-08	2.11859E-07	7.1E-07	2.4E-10	7.4E-10	4.3E-10	3.9E-10	1.8E-10	8.2E-12	2.0E-10	1.0E-10	9.2E-11	2.8E-11	4.3E-10
383	556669.4, 3777513.38	4.65339	4.87728	6.02799	4.75285E-07	2.56374E-08	2.20772E-07	7.2E-07	2.5E-10	7.5E-10	4.4E-10	4.0E-10	1.8E-10	8.3E-12	2.0E-10	1.0E-10	9.4E-11	2.8E-11	4.4E-10
384	556689.4, 3777513.38	4.69032	4.92639	6.25243	4.79057E-07	2.58955E-08	2.28992E-07	7.3E-07	2.5E-10	7.7E-10	4.4E-10	4.0E-10	1.8E-10	8.5E-12	2.0E-10	1.1E-10	9.6E-11	2.9E-11	4.4E-10
385	556709.4, 3777513.38	4.72177	4.96659	6.45931	4.82269E-07	2.61068E-08	2.36569E-07	7.4E-07	2.6E-10	7.8E-10	4.5E-10	4.1E-10	1.9E-10	8.6E-12	2.1E-10	1.1E-10	9.7E-11	2.9E-11	4.5E-10
386	556729.4, 3777513.38	4.74508	5.00015	6.63568	4.8465E-07	2.62832E-08	2.43028E-07	7.5E-07	2.6E-10	7.9E-10	4.6E-10	4.1E-10	1.9E-10	8.7E-12	2.1E-10	1.1E-10	9.8E-11	3.0E-11	4.6E-10
387	556749.4, 3777513.38	4.74273	5.01247	6.75633	4.8441E-07	2.6348E-08	2.47447E-07	7.6E-07	2.6E-10	7.9E-10	4.6E-10	4.2E-10	1.9E-10	8.8E-12	2.1E-10	1.1E-10	9.9E-11	3.0E-11	4.6E-10
388	556769.4, 3777513.38	4.73652	5.03247	6.83827	4.83775E-07	2.64531E-08	2.50448E-07	7.6E-07	2.6E-10	8.0E-10	4.6E-10	4.2E-10	1.9E-10	8.8E-12	2.1E-10	1.1E-10	9.9E-11	3.0E-11	4.6E-10
389	556789.4, 3777513.38	4.70922	5.04138	6.86561	4.80987E-07	2.65E-08	2.51449E-07	7.6E-07	2.6E-10	7.9E-10	4.6E-10	4.2E-10	1.9E-10	8.8E-12	2.1E-10	1.1E-10	9.9E-11	3.0E-11	4.6E-10
390	556809.4, 3777513.38	4.66289	5.03895	6.84712	4.76255E-07	2.64872E-08	2.50772E-07	7.5E-07	2.6E-10	7.9E-10	4.6E-10	4.1E-10	1.9E-10	8.7E-12	2.1E-10	1.1E-10	9.8E-11	3.0E-11	4.6E-10
391	556829.4, 3777513.38	4.61439	5.03984	6.81764	4.71301E-07	2.64919E-08	2.49693E-07	7.5E-07	2.6E-10	7.8E-10	4.5E-10	4.1E-10	1.9E-10	8.6E-12	2.1E-10	1.1E-10	9.7E-11	3.0E-11	4.5E-10
392	556849.4, 3777513.38	4.5443	5.01588	6.7649	4.64143E-07	2.63659E-08	2.47761E-07	7.4E-07	2.6E-10	7.7E-10	4.5E-10	4.0E-10	1.8E-10	8.5E-12	2.1E-10	1.1E-10	9.6E-11	2.9E-11	4.5E-10
393	556869.4, 3777513.38	4.4612	4.97271	6.70657	4.55655E-07	2.6139E-08	2.45625E-07	7.3E-07	2.5E-10	7.6E-10	4.4E-10	4.0E-10	1.8E-10	8.4E-12	2.0E-10	1.0E-10	9.5E-11	2.9E-11	4.4E-10
394	556889.4, 3777513.38	4.35319	4.89314	6.62204	4.44623E-07	2.57207E-08	2.42529E-07	7.1E-07	2.5E-10	7.5E-10	4.3E-10	3.9E-10	1.8E-10	8.2E-12	2.0E-10	1.0E-10	9.3E-11	2.8E-11	4.3E-10
395	556909.4, 3777513.38	4.22128	4.77692	6.4995	4.3115E-07	2.51098E-08	2.38041E-07	6.9E-07	2.4E-10	7.3E-10	4.2E-10	3.8E-10	1.7E-10	8.0E-12	1.9E-10	1.0E-10	9.0E-11	2.7E-11	4.2E-10
396	556929.4, 3777513.38	4.07851	4.64007	6.34353	4.16568E-07	2.43905E-08	2.32329E-07	6.7E-07	2.3E-10	7.0E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
397	556949.4, 3777513.38	3.91955	4.47638	6.13393	4.00332E-07	2.353E-08	2.24652E-07	6.5E-07	2.2E-10	6.8E-10	3.9E-10	3.6E-10	1.6E-10	7.5E-12	1.8E-10	9.3E-11	8.5E-11	2.6E-11	3.9E-10
398	556969.4, 3777513.38	3.74645	4.28902	5.86873	3.82652E-07	2.25452E-08	2.14939E-07	6.2E-07	2.1E-10	6.5E-10	3.8E-10	3.4E-10	1.6E-10	7.2E-12	1.7E-10	8.9E-11	8.1E-11	2.4E-11	3.7E-10
399	556989.4, 3777513.38	3.57002	4.09244	5.56865	3.64632E-07	2.15119E-08	2.03949E-07	5.9E-07	2.0E-10	6.2E-10	3.6E-10	3.2E-10	1.5E-10	6.8E-12	1.6E-10	8.5E-11	7.7E-11	2.3E-11	3.6E-10
400	557009.4, 3777513.38	3.39701	3.89606	5.25258	3.46961E-07	2.04796E-08	1.92373E-07	5.6E-07	1.9E-10	5.9E-10	3.4E-10	3.1E-10	1.4E-10	6.5E-12	1.6E-10	8.0E-11	7.3E-11	2.2E-11	3.4E-10
401	557029.4, 3777513.38	3.2212	3.69295	4.9184	3.29005E-07	1.94119E-08	1.80134E-07	5.3E-07	1.8E-10	5.5E-10	3.2E-10	2.9E-10	1.3E-10	6.1E-12	1.5E-10	7.6E-11	6.9E-11	2.1E-11	3.2E-10
402	557049.4, 3777513.38	3.05267	3.49651	4.59112	3.11791E-07	1.83794E-08	1.68147E-07	5E-07	1.7E-10	5.2E-10	3.0E-10	2.7E-10	1.2E-10	5.8E-12	1.4E-10	7.2E-11	6.5E-11	2.0E-11	3.0E-10
403	557069.4, 3777513.38	2.88801	3.30314	4.27106	2.94974E-07	1.73629E-08	1.56425E-07	4.7E-07	1.6E-10	4.9E-10	2.8E-10	2.6E-10	1.2E-10	5.4E-12	1.3E-10	6.7E-11	6.1E-11	1.9E-11	2.8E-10
404	557089.4, 3777513.38	2.73224	3.11959	3.97038	2.79064E-07	1.63981E-08	1.45413E-07	4.4E-07	1.5E-10	4.6E-10	2.7E-10	2.4E-10	1.1E-10	5.1E-12	1.2E-10	6.3E-11	5.7E-11	1.7E-11	2.7E-10
405	557109.4, 3777513.38	2.58693	2.94816	3.69344	2.64222E-07	1.5497E-08	1.3527E-07	4.1E-07	1.4E-10	4.3E-10	2.5E-10	2.3E-10	1.0E-10	4.8E-12	1.2E-10	6.0E-11	5.4E-11	1.6E-11	2.5E-10
406	557129.4, 3777513.38	2.44858	2.78471	3.43541	2.50091E-07	1.46378E-08	1.2582E-07	3.9E-07	1.4E-10	4.1E-10	2.4E-10	2.1E-10	9.8E-11	4.5E-12	1.1E-10	5.6E-11	5.1E-11	1.5E-11	2.4E-10
407	557149.4, 3777513.38	2.3193	2.63205	3.1994	2.36887E-07	1.38353E-08	1.17176E-07	3.7E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.2E-11	4.3E-12	1.0E-10	5.3E-11	4.8E-11	1.5E-11	2.2E-10
408	557169.4, 3777513.38	2.19561	2.486	2.97972	2.24254E-07	1.30676E-08	1.09131E-07	3.5E-07	1.2E-10	3.6E-10	2.1E-10	1.9E-10	8.7E-11	4.0E-12	9.7E-11	5.0E-11	4.5E-11	1.4E-11	2.1E-10
409	557189.4, 3777513.38	2.07702	2.34605	2.77499	2.12141E-07	1.2332E-08	1.01633E-07	3.3E-07	1.1E-10	3.4E-10	2.0E-10	1.8E-10	8.2E-11	3.8E-12	9.1E-11	4.7E-11	4.2E-11	1.3E-11	2.0E-10
410	557209.4, 3777513.38	1.97193	2.22245	2.5961	2.01408E-07	1.16823E-08	9.50808E-08	3.1E-07	1.1E-10	3.2E-10	1.9E-10	1.7E-10	7.7E-11	3.6E-12	8.6E-11	4.4E-11	4.0E-11	1.2E-11	1.9E-10
411	557229.4, 3777513.38	1.86865	2.10101	2.42575	1.90859E-07	1.10439E-08	8.88418E-08	2.9E-07	1.0E-10	3.0E-10	1.8E-10	1.6E-10	7.3E-11	3.4E-12	8.1E-11	4.2E-11	3.8E-11	1.1E-11	1.8E-10
412	557249.4, 3777513.38	1.77743	1.99413	2.27718	1.81542E-07	1.04821E-08	8.34005E-08	2.8E-07	9.5E-11	2.9E-10	1.7E-10	1.5E-10	6.9E-11	3.2E-12	7.7E-11	4.0E-11	3.6E-11	1.1E-11	1.7E-10
413	557269.4, 3777513.38	1.68991	1.89169	2.1382	1.72603E-07	9.94365E-09	7.83105E-08	2.6E-07	9.0E-11	2.7E-10	1.6E-10	1.4E-10	6.5E-11	3.0E-12	7.3E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
414	557289.4, 3777513.38	1.60823	1.79628	2.01106	1.6426E-07	9.44212E-09	7.3654E-08	2.5E-07	8.6E-11	2.6E-10	1.5E-10	1.4E-10	6.2E-11	2.9E-12	6.9E-11	3.6E-11	3.2E-11	9.8E-12	1.5E-10
415	557309.4, 3777513.38	1.53373	1.70947	1.89685	1.56651E-07	8.98581E-09	6.94712E-08	2.4E-07	8.1E-11	2.5E-10	1.4E-10	1.3E-10	5.9E-11	2.7E-12	6.6E-11	3.4E-11	3.1E-11	9.3E-12	1.4E-10
416	557329.4, 3777513.38	1.46369	1.62801	1.79151	1.49497E-07	8.55761E-09	6.56131E-08	2.2E-07	7.7E-11	2.3E-10	1.4E-10	1.2E-10	5.6E-11	2.6E-12	6.2E-11	3.2E-11	2.9E-11	8.8E-12	1.4E-10
417	557349.4, 3777513.38	1.39761	1.55128	1.69395	1.42748E-07	8.15428E-09	6.204E-08	2.1E-07	7.4E-11	2.2E-10	1.3E-10	1.2E-10	5.3E-11	2.5E-12	5.9E-11	3.1E-11	2.8E-11	8.4E-12	1.3E-10
418	557369.4, 3777513.38	1.33538	1.47917	1.60369	1.36392E-07	7.77524E-09	5.87343E-08	2E-07	7.0E-11	2.1E-10	1.2E-10	1.1E-10	5.1E-11	2.3E-12	5.7E-11	2.9E-11	2.6E-11	8.0E-12	1.2E-10
419	557389.4, 3777513.38	1.27833	1.41321	1.52194	1.30565E-07	7.42852E-09	5.57403E-08	1.9E-07	6.7E-11	2.0E-10	1.2E-10	1.1E-10	4.8E-11	2.2E-12	5.4E-11	2.8E-11	2.5E-11	7.6E-12	1.2E-10
420	557409.4, 3777513.38	1.225	1.35168	1.44662	1.25118E-07	7.10509E-09	5.29817E-08	1.9E-07	6.4E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.2E-11	2.7E-11	2.4E-11	7.3E-12	1.1E-10
421	557429.4, 3777513.38	1.17273	1.29145	1.3743	1.19779E-07	6.78849E-09	5.0333E-08	1.8E-07	6.1E-11	1.8E-10	1.1E-10	9.7E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	7.0E-12	1.1E-10
422	557449.4, 3777513.38	1.12441	1.23591	1.3082	1.14844E-07	6.49655E-09	4.79122E-08	1.7E-07	5.9E-11	1.8E-10	1.0E-10	9.3E-11	4.2E-11	2.0E-12	4.7E-11	2.4E-11	2.2E-11	6.7E-12	1.0E-10
423	557469.4, 3777513.38	1.07952	1.18443	1.24749	1.10259E-07	6.22594E-09	4.56887E-08	1.6E-07	5.6E-11	1.7E-10	9.8E-11	8.9E-11	4.1E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.8E-11
424	557489.4, 3777513.38	1.03738	1.13619	1.19114	1.05955E-07	5.97237E-09	4.36249E-08	1.6E-07	5.4E-11	1.6E-10	9.4E-11	8.5E-11	3.9E-11	1.8E-12	4.3E-11	2.2E-11	2.0E-11	6.1E-12	9.4E-11
425	556509.4, 3777533.38	3.57681	3.51554	3.96344	3.65326E-07	1.84794E-08	1.45159E-07	5.3E-07	1.8E-10	5.5E-10	3.2E-10	2.9E-10	1.3E-10	6.1E-12	1.5E-10	7.6E-11	6.9E-11	2.1E-11	3.2E-10
426	556529.4, 3777533.38	3.68656	3.66594	4.12321	3.76535E-07	1.927E-08	1.5101E-07	5.5E-07	1.9E-10	5.7E-10	3.3E-10	3.0E-10	1.4E-10	6.3E-12	1.5E-10	7.9E-11	7.1E-11	2.2E-11	3.3E-10
427	556549.4, 3777533.38	3.78637	3.80836	4.29079	3.8673E-07	2.00186E-08	1.57148E-07	5.6E-07	2.0E-10	5.9E-10	3.4E-10	3.1E-10	1.4E-10	6.5E-12	1.6E-10	8.1E-11	7.3E-11	2.2E-11	3.4E-10
428	556569.4, 3777533.38	3.87825	3.94242	4.47005	3.96114E-07	2.07233E-08	1.63713E-07	5.8E-07	2.0E-10	6.1E-10	3.5E-10	3.2E-10	1.5E-10	6.7E-12	1.6E-10	8.3E-11	7.6E-11	2.3E-11	3.5E-10
429	556589.4, 3777533.38	3.95996	4.06342	4.65957	4.0446E-07	2.13593E-08	1.70654E-07	6E-07	2.1E-10	6.2E-10	3.6E-10	3.3E-10	1.5E-10	6.9E-12	1.7E-10	8.6E-11	7.8E-11	2.4E-11	3.6E-10
430	556609.4, 3777533.38	4.03288	4.17048	4.85892	4.11907E-07	2.19221E-08	1.77955E-07	6.1E-07	2.1E-10	6.4E-10	3.7E-10	3.4E-10	1.5E-10	7.1E-12	1.7E-10	8.8E-11	8.0E-11	2.4E-11	3.7E-10
431	556629.4, 3777533.38	4.0958	4.26056	5.06318	4.18334E-07	2.23956E-08	1.85436E-07	6.3E-07	2.2E-10	6.5E-10	3.8E-10	3.4E-10	1.6E-10	7.2E-12	1.7E-10	9.0E-11	8.2E-11	2.5E-11	3.8E-10
432	556649.4, 3777533.38	4.1466	4.33046	5.26433	4.23523E-07	2.2763E-08	1.92803E-07	6.4E-07	2.2E-10	6.7E-10	3.9E-10	3.5E-10	1.6E-10	7.4E-12	1.8E-10	9.2E-11	8.3E-11	2.5E-11	3.9E-10
433	556669.4, 3777533.38	4.18126	4.37612	5.45046	4.27063E-07	2.3003E-08	1.9962E-07	6.5E-07	2.2E-10	6.8E-10	3.9E-10	3.6E-10	1.6E-10	7.5E-12	1.8E-10	9.3E-11	8.5E-11	2.6E-11	3.9E-10
434	556689.4, 3777533.38	4.21142	4.41259	5.62428	4.30143E-07	2.31947E-08	2.05986E-07	6.6E-07	2.3E-10	6.9E-10	4.0E-10	3.6E-10	1.7E-10	7.6E-12	1.8E-10	9.5E-11	8.6E-11	2.6E-11	4.0E-10
435	556709.4, 3777533.38	4.23793	4.4444	5.7783	4.32851E-07	2.33619E-08	2.11627E-07	6.7E-07	2.3E-10	7.0E-10	4.0E-10	3.7E-10	1.7E-10	7.7E-12	1.9E-10	9.6E-11	8.7E-11	2.6E-11	4.0E-10
436	556729.4, 3777533.38	4.25317	4.46725	5.89716	4.34407E-07	2.3482E-08	2.1598E-07	6.7E-07	2.3E-10	7.0E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
437	556749.4, 3777533.38	4.2524	4.47974	5.9717	4.34329E-07	2.35477E-08	2.1871E-07	6.8E-07	2.3E-10	7.1E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
438	556769.4, 3777533.38	4.24364	4.49334	6.00973	4.33434E-07	2.36192E-08	2.20103E-07	6.8E-07	2.3E-10	7.1E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
439	556789.4, 3777533.38	4.22493	4.5059	6.01408	4.31523E-07	2.36852E-08	2.20263E-07	6.8E-07	2.3E-10	7.1E-10	4.1E-10	3.7E-10	1.7E-10	7.8E-12	1.9E-10	9.7E-11	8.8E-11	2.7E-11	4.1E-10
440	556809.4, 3777533.38	4.18623	4.50363	5.98156	4.2757E-07	2.36733E-08	2.19072E-07	6.7E-07	2.3E-10	7.0E-10	4.1E-10	3.7E-10	1.7E-10	7.7E-12	1.9E-10	9.6E-11	8.7E-11	2.6E-11	4.1E-10
441	556829.4, 3777533.38	4.1476	4.50571	5.94777	4.23625E-07	2.36842E-08	2.17834E-07	6.7E-07	2.3E-10	7.0E-10	4.0E-10	3.6E-10	1.7E-10	7.7E-12	1.9E-10	9.6E-11	8.7E-11	2.6E-11	4.0E-10
442	556849.4, 3777533.38	4.08531	4.48065	5.89147	4.17263E-07	2.35525E-08	2.15772E-07	6.6E-07	2.3E-10	6.9E-10	4.0E-10	3.6E-10	1.6E-10	7.6E-12	1.8E-10	9.4E-11	8.6E-11	2.6E-11	4.0E-10
443	556869.4, 3777533.38	4.01539	4.44391	5.83699	4.10121E-07	2.33594E-08	2.13777E-07	6.5E-07	2.2E-10	6.8E-10	3.9E-10	3.6E-10	1.6E-10	7.5E-12	1.8E-10	9.3E-11	8.4E-11	2.6E-11	3.9E-10
444

476	556529.4, 3777553.38	3.40914	3.42098	3.84025	3.482E-07	1.79823E-08	1.40647E-07	5.1E-07	1.8E-10	5.3E-10	3.1E-10	2.8E-10	1.3E-10	5.9E-12	1.4E-10	7.3E-11	6.6E-11	2.0E-11	3.1E-10
477	556549.4, 3777553.38	3.48651	3.53395	3.98604	3.56103E-07	1.85762E-08	1.45987E-07	5.2E-07	1.8E-10	5.4E-10	3.2E-10	2.9E-10	1.3E-10	6.0E-12	1.5E-10	7.5E-11	6.8E-11	2.1E-11	3.1E-10
478	556569.4, 3777553.38	3.55937	3.64056	4.14303	3.63544E-07	1.91366E-08	1.51736E-07	5.3E-07	1.8E-10	5.6E-10	3.2E-10	2.9E-10	1.3E-10	6.2E-12	1.5E-10	7.7E-11	7.0E-11	2.1E-11	3.2E-10
479	556589.4, 3777553.38	3.62377	3.7349	4.30709	3.70122E-07	1.96325E-08	1.57745E-07	5.5E-07	1.9E-10	5.7E-10	3.3E-10	3.0E-10	1.4E-10	6.3E-12	1.5E-10	7.9E-11	7.1E-11	2.2E-11	3.3E-10
480	556609.4, 3777553.38	3.67555	3.81081	4.4718	3.75411E-07	2.00315E-08	1.63777E-07	5.6E-07	1.9E-10	5.8E-10	3.4E-10	3.1E-10	1.4E-10	6.5E-12	1.6E-10	8.0E-11	7.3E-11	2.2E-11	3.4E-10
481	556629.4, 3777553.38	3.72139	3.87443	4.63892	3.80093E-07	2.03659E-08	1.69898E-07	5.7E-07	2.0E-10	6.0E-10	3.5E-10	3.1E-10	1.4E-10	6.6E-12	1.6E-10	8.2E-11	7.4E-11	2.3E-11	3.4E-10
482	556649.4, 3777553.38	3.75907	3.92333	4.80057	3.83941E-07	2.06229E-08	1.75818E-07	5.8E-07	2.0E-10	6.1E-10	3.5E-10	3.2E-10	1.5E-10	6.7E-12	1.6E-10	8.3E-11	7.6E-11	2.3E-11	3.5E-10
483	556669.4, 3777553.38	3.7801	3.94915	4.94085	3.86089E-07	2.07587E-08	1.80956E-07	5.9E-07	2.0E-10	6.1E-10	3.6E-10	3.2E-10	1.5E-10	6.8E-12	1.6E-10	8.5E-11	7.7E-11	2.3E-11	3.6E-10
484	556689.4, 3777553.38	3.80153	3.97308	5.07022	3.88278E-07	2.08844E-08	1.85694E-07	5.9E-07	2.1E-10	6.2E-10	3.6E-10	3.3E-10	1.5E-10	6.9E-12	1.7E-10	8.6E-11	7.8E-11	2.3E-11	3.6E-10
485	556709.4, 3777553.38	3.82314	3.99802	5.18251	3.90485E-07	2.10155E-08	1.89807E-07	6E-07	2.1E-10	6.3E-10	3.6E-10	3.3E-10	1.5E-10	7.0E-12	1.7E-10	8.6E-11	7.8E-11	2.4E-11	3.6E-10
486	556729.4, 3777553.38	3.83439	4.01561	5.2615	3.91634E-07	2.1108E-08	1.927E-07	6.1E-07	2.1E-10	6.3E-10	3.7E-10	3.3E-10	1.5E-10	7.0E-12	1.7E-10	8.7E-11	7.9E-11	2.4E-11	3.7E-10
487	556749.4, 3777553.38	3.82876	4.02138	5.29848	3.91059E-07	2.11383E-08	1.94054E-07	6.1E-07	2.1E-10	6.3E-10	3.7E-10	3.3E-10	1.5E-10	7.0E-12	1.7E-10	8.7E-11	7.9E-11	2.4E-11	3.7E-10
488	556769.4, 3777553.38	3.82241	4.03469	5.31335	3.90411E-07	2.12083E-08	1.94599E-07	6.1E-07	2.1E-10	6.3E-10	3.7E-10	3.3E-10	1.5E-10	7.0E-12	1.7E-10	8.7E-11	7.9E-11	2.4E-11	3.7E-10
489	556789.4, 3777553.38	3.81071	4.05001	5.30722	3.89216E-07	2.12888E-08	1.94374E-07	6E-07	2.1E-10	6.3E-10	3.7E-10	3.3E-10	1.5E-10	7.0E-12	1.7E-10	8.7E-11	7.9E-11	2.4E-11	3.7E-10
490	556809.4, 3777553.38	3.78207	4.05228	5.27463	3.8629E-07	2.13008E-08	1.93181E-07	6E-07	2.1E-10	6.3E-10	3.6E-10	3.3E-10	1.5E-10	6.9E-12	1.7E-10	8.6E-11	7.8E-11	2.4E-11	3.6E-10
491	556829.4, 3777553.38	3.74781	4.05132	5.23773	3.82791E-07	2.12957E-08	1.91829E-07	6E-07	2.1E-10	6.2E-10	3.6E-10	3.3E-10	1.5E-10	6.9E-12	1.7E-10	8.6E-11	7.8E-11	2.4E-11	3.6E-10
492	556849.4, 3777553.38	3.69753	4.03227	5.18944	3.77656E-07	2.11956E-08	1.90061E-07	5.9E-07	2.0E-10	6.2E-10	3.6E-10	3.2E-10	1.5E-10	6.8E-12	1.6E-10	8.5E-11	7.7E-11	2.3E-11	3.6E-10
493	556869.4, 3777553.38	3.63897	4.00166	5.14111	3.71675E-07	2.10347E-08	1.88291E-07	5.8E-07	2.0E-10	6.1E-10	3.5E-10	3.2E-10	1.5E-10	6.7E-12	1.6E-10	8.4E-11	7.6E-11	2.3E-11	3.5E-10
494	556889.4, 3777553.38	3.56828	3.9535	5.08414	3.64454E-07	2.07815E-08	1.86204E-07	5.7E-07	2.0E-10	6.0E-10	3.5E-10	3.1E-10	1.4E-10	6.6E-12	1.6E-10	8.2E-11	7.4E-11	2.3E-11	3.5E-10
495	556909.4, 3777553.38	3.48288	3.88376	5.00759	3.55732E-07	2.04149E-08	1.834E-07	5.6E-07	1.9E-10	5.8E-10	3.4E-10	3.1E-10	1.4E-10	6.5E-12	1.6E-10	8.0E-11	7.3E-11	2.2E-11	3.4E-10
496	556929.4, 3777553.38	3.38651	3.79653	4.90857	3.45889E-07	1.99564E-08	1.79774E-07	5.5E-07	1.9E-10	5.7E-10	3.3E-10	3.0E-10	1.4E-10	6.3E-12	1.5E-10	7.8E-11	7.1E-11	2.2E-11	3.3E-10
497	556949.4, 3777553.38	3.26701	3.67683	4.76228	3.33684E-07	1.93272E-08	1.74416E-07	5.3E-07	1.8E-10	5.5E-10	3.2E-10	2.9E-10	1.3E-10	6.1E-12	1.5E-10	7.6E-11	6.9E-11	2.1E-11	3.2E-10
498	556969.4, 3777553.38	3.14736	3.55286	4.59954	3.21463E-07	1.86756E-08	1.68456E-07	5.1E-07	1.8E-10	5.3E-10	3.1E-10	2.8E-10	1.3E-10	5.9E-12	1.4E-10	7.3E-11	6.6E-11	2.0E-11	3.1E-10
499	556989.4, 3777553.38	3.01937	3.415	4.40804	3.0839E-07	1.79509E-08	1.61442E-07	4.9E-07	1.7E-10	5.1E-10	3.0E-10	2.7E-10	1.2E-10	5.6E-12	1.4E-10	7.0E-11	6.4E-11	1.9E-11	2.9E-10
500	557009.4, 3777553.38	2.89478	3.27814	4.20869	2.95665E-07	1.72315E-08	1.54141E-07	4.7E-07	1.6E-10	4.9E-10	2.8E-10	2.6E-10	1.2E-10	5.4E-12	1.3E-10	6.7E-11	6.1E-11	1.8E-11	2.8E-10
501	557029.4, 3777553.38	2.76661	3.13426	3.99381	2.82574E-07	1.64752E-08	1.46271E-07	4.5E-07	1.5E-10	4.7E-10	2.7E-10	2.4E-10	1.1E-10	5.1E-12	1.2E-10	6.4E-11	5.8E-11	1.8E-11	2.7E-10
502	557049.4, 3777553.38	2.64308	2.99397	3.78016	2.69957E-07	1.57378E-08	1.38446E-07	4.2E-07	1.5E-10	4.4E-10	2.6E-10	2.3E-10	1.1E-10	4.9E-12	1.2E-10	6.1E-11	5.5E-11	1.7E-11	2.6E-10
503	557069.4, 3777553.38	2.52117	2.85404	3.56623	2.57505E-07	1.50022E-08	1.30611E-07	4E-07	1.4E-10	4.2E-10	2.4E-10	2.2E-10	1.0E-10	4.7E-12	1.1E-10	5.8E-11	5.3E-11	1.6E-11	2.4E-10
504	557089.4, 3777553.38	2.40168	2.71586	3.35601	2.45301E-07	1.42759E-08	1.22912E-07	3.8E-07	1.3E-10	4.0E-10	2.3E-10	2.1E-10	9.6E-11	4.4E-12	1.1E-10	5.5E-11	5.0E-11	1.5E-11	2.3E-10
505	557109.4, 3777553.38	2.28624	2.58175	3.15397	2.3351E-07	1.35709E-08	1.15513E-07	3.6E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.1E-11	4.2E-12	1.0E-10	5.2E-11	4.7E-11	1.4E-11	2.2E-10
506	557129.4, 3777553.38	2.17932	2.45738	2.96778	2.2259E-07	1.29172E-08	1.08693E-07	3.4E-07	1.2E-10	3.6E-10	2.1E-10	1.9E-10	8.6E-11	4.0E-12	9.6E-11	4.9E-11	4.5E-11	1.4E-11	2.1E-10
507	557149.4, 3777553.38	2.07734	2.33859	2.79259	2.12174E-07	1.22928E-08	1.02277E-07	3.3E-07	1.1E-10	3.4E-10	2.0E-10	1.8E-10	8.2E-11	3.8E-12	9.1E-11	4.7E-11	4.3E-11	1.3E-11	2.0E-10
508	557169.4, 3777553.38	1.97792	2.2226	2.62525	2.02019E-07	1.16831E-08	9.61484E-08	3.1E-07	1.1E-10	3.2E-10	1.9E-10	1.7E-10	7.8E-11	3.6E-12	8.7E-11	4.5E-11	4.0E-11	1.2E-11	1.9E-10
509	557189.4, 3777553.38	1.88324	2.11216	2.46879	1.92349E-07	1.11025E-08	9.04182E-08	2.9E-07	1.0E-10	3.1E-10	1.8E-10	1.6E-10	7.4E-11	3.4E-12	8.2E-11	4.2E-11	3.8E-11	1.2E-11	1.8E-10
510	557209.4, 3777553.38	1.7942	2.00841	2.32416	1.83255E-07	1.05572E-08	8.51212E-08	2.8E-07	9.7E-11	2.9E-10	1.7E-10	1.5E-10	7.0E-11	3.2E-12	7.8E-11	4.0E-11	3.6E-11	1.1E-11	1.7E-10
511	557229.4, 3777553.38	1.7088	1.909	2.18825	1.74532E-07	1.00346E-08	8.01435E-08	2.6E-07	9.2E-11	2.8E-10	1.6E-10	1.5E-10	6.6E-11	3.1E-12	7.4E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
512	557249.4, 3777553.38	1.62925	1.81655	2.06361	1.66407E-07	9.54867E-09	7.55787E-08	2.5E-07	8.7E-11	2.6E-10	1.5E-10	1.4E-10	6.3E-11	2.9E-12	7.0E-11	3.6E-11	3.3E-11	9.9E-12	1.5E-10
513	557269.4, 3777553.38	1.55558	1.73112	1.94986	1.58883E-07	9.09961E-09	7.14126E-08	2.4E-07	8.3E-11	2.5E-10	1.4E-10	1.3E-10	6.0E-11	2.8E-12	6.7E-11	3.4E-11	3.1E-11	9.5E-12	1.4E-10
514	557289.4, 3777553.38	1.4869	1.65161	1.84536	1.51868E-07	8.68167E-09	6.75854E-08	2.3E-07	7.9E-11	2.4E-10	1.4E-10	1.3E-10	5.7E-11	2.6E-12	6.4E-11	3.3E-11	3.0E-11	9.0E-12	1.4E-10
515	557309.4, 3777553.38	1.42217	1.5768	1.74843	1.45257E-07	8.28843E-09	6.40353E-08	2.2E-07	7.5E-11	2.3E-10	1.3E-10	1.2E-10	5.4E-11	2.5E-12	6.1E-11	3.1E-11	2.8E-11	8.6E-12	1.3E-10
516	557329.4, 3777553.38	1.36133	1.5066	1.65866	1.39043E-07	7.91942E-09	6.07476E-08	2.1E-07	7.2E-11	2.2E-10	1.3E-10	1.1E-10	5.2E-11	2.4E-12	5.8E-11	3.0E-11	2.7E-11	8.2E-12	1.3E-10
517	557349.4, 3777553.38	1.30487	1.44158	1.57636	1.33276E-07	7.57765E-09	5.77334E-08	2E-07	6.9E-11	2.1E-10	1.2E-10	1.1E-10	5.0E-11	2.3E-12	5.5E-11	2.9E-11	2.6E-11	7.8E-12	1.2E-10
518	557369.4, 3777553.38	1.25129	1.37997	1.49942	1.27803E-07	7.2538E-09	5.49155E-08	1.9E-07	6.6E-11	2.0E-10	1.1E-10	1.0E-10	4.8E-11	2.2E-12	5.3E-11	2.7E-11	2.5E-11	7.5E-12	1.1E-10
519	557389.4, 3777553.38	1.19917	1.32012	1.42591	1.2248E-07	6.93919E-09	5.22232E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.5E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
520	557409.4, 3777553.38	1.15171	1.26573	1.3595	1.17633E-07	6.65329E-09	4.9791E-08	1.7E-07	6.0E-11	1.8E-10	1.1E-10	9.5E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
521	557429.4, 3777553.38	1.10656	1.21408	1.29717	1.13021E-07	6.3818E-09	4.75082E-08	1.7E-07	5.8E-11	1.7E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
522	557449.4, 3777553.38	1.06441	1.16594	1.23956	1.08716E-07	6.12875E-09	4.53982E-08	1.6E-07	5.5E-11	1.7E-10	9.7E-11	8.8E-11	4.0E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.3E-12	9.7E-11
523	557469.4, 3777553.38	1.02384	1.11968	1.18488	1.04572E-07	5.88558E-09	4.33956E-08	1.5E-07	5.3E-11	1.6E-10	9.3E-11	8.4E-11	3.9E-11	1.8E-12	4.3E-11	2.2E-11	2.0E-11	6.1E-12	9.3E-11
524	557489.4, 3777553.38	0.98407	1.0744	1.13212	1.0051E-07	5.64757E-09	4.14633E-08	1.5E-07	5.1E-11	1.5E-10	8.9E-11	8.1E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.9E-11
525	557438.91, 3777336.71	1.39588	1.55293	1.56819	1.42571E-07	8.16296E-09	5.74342E-08	2.1E-07	7.2E-11	2.2E-10	1.3E-10	1.1E-10	5.2E-11	2.4E-12	5.8E-11	3.0E-11	2.7E-11	8.2E-12	1.3E-10
526	556615.91, 3777136.99	26.07959	9.10063	34.5728	2.6637E-06	4.78374E-08	1.26621E-06	4E-06	1.4E-09	4.2E-09	2.4E-09	2.2E-09	1.0E-09	4.6E-11	1.1E-09	5.7E-10	5.2E-10	1.6E-10	2.4E-09
527	556586.37, 3777056.16	9.14813	5.72665	8.93034	9.34365E-07	3.01021E-08	3.27069E-07	1.3E-06	4.5E-10	1.3E-09	7.8E-10	7.1E-10	3.2E-10	1.5E-11	3.6E-10	1.9E-10	1.7E-10	5.1E-11	7.8E-10
528	556672.35, 3776929.14	6.4561	4.94425	5.38033	6.59409E-07	2.59894E-08	1.97052E-07	8.8E-07	3.1E-10	9.2E-10	5.3E-10	4.8E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.5E-11	5.3E-10
529	556692.35, 3776929.14	6.97175	5.27672	5.80451	7.12076E-07	2.7737E-08	2.12587E-07	9.5E-07	3.3E-10	1.0E-09	5.8E-10	5.2E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.2E-10	3.8E-11	5.8E-10
530	556712.35, 3776929.14	7.52586	5.63018	6.20616	7.68671E-07	2.9595E-08	2.27297E-07	1E-06	3.6E-10	1.1E-09	6.2E-10	5.6E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.3E-10	4.0E-11	6.2E-10
531	556732.35, 3776929.14	8.07154	5.99832	6.48951	8.24405E-07	3.15301E-08	2.37675E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.1E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
532	556752.35, 3776929.14	8.64033	6.39638	6.65872	8.825E-07	3.36225E-08	2.43872E-07	1.2E-06	4.0E-10	1.2E-09	7.0E-10	6.4E-10	2.9E-10	1.3E-11	3.2E-10	1.7E-10	1.5E-10	4.6E-11	7.0E-10
533	556772.35, 3776929.14	9.0845	6.80406	6.57685	9.27866E-07	3.57655E-08	2.40874E-07	1.2E-06	4.2E-10	1.3E-09	7.3E-10	6.6E-10	3.0E-10	1.4E-11	3.4E-10	1.7E-10	1.6E-10	4.8E-11	7.3E-10
534	556792.35, 3776929.14	9.45528	7.26235	6.35764	9.65737E-07	3.81745E-08	2.32845E-07	1.2E-06	4.3E-10	1.3E-09	7.5E-10	6.8E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.5E-10
535	556812.35, 3776929.14	9.90195	7.82333	6.10424	1.01136E-06	4.11232E-08	2.23565E-07	1.3E-06	4.4E-10	1.3E-09	7.7E-10	7.0E-10	3.2E-10	1.5E-11	3.6E-10	1.8E-10	1.7E-10	5.0E-11	7.7E-10
536	556832.35, 3776929.14	10.21464	8.46868	5.72775	1.0433E-06	4.45155E-08	2.09776E-07	1.3E-06	4.5E-10	1.4E-09	7.9E-10	7.1E-10	3.2E-10	1.5E-11	3.6E-10	1.9E-10	1.7E-10	5.1E-11	7.8E-10
537	556852.35, 3776929.14	10.57446	9.26042	5.42551	1.08005E-06	4.86773E-08	1.98707E-07	1.3E-06	4.6E-10	1.4E-09	8.0E-10	7.3E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.2E-11	8.0E-10
538	556672.35, 3776949.14	7.27279	5.40822	6.11509	7.42823E-07	2.84282E-08	2.23962E-07	1E-06	3.4E-10	1.0E-09	6.0E-10	5.5E-10	2.5E-10	1.2E-11	2.8E-10	1.4E-10	1.3E-10	3.9E-11	6.0E-10
539	556692.35, 3776949.14	7.90466	5.80638	6.61856	8.07361E-07	3.05212E-08	2.42401E-07	1.1E-06	3.7E-10	1.1E-09	6.5E-10	5.9E-10	2.7E-10	1.2E-11	3.0E-10	1.6E-10	1.4E-10	4.3E-11	6.5E-10
540	556712.35, 3776949.14	8.56272	6.22906	7.04611	8.74573E-07	3.2743E-08	2.5806E-07	1.2E-06	4.0E-10	1.2E-09	7.1E-10	6.4E-10	2.9E-10	1.3E-11	3.3E-10	1.7E-10	1.5E-10	4.6E-11	7.0E-10
541	556732.35, 3776949.14	9.2027	6.67449	7.31065	9.39939E-07	3.50844E-08	2.67749E-07	1.2E-06	4.3E-10	1.3E-09	7.5E-10	6.8E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.5E-10
542	556752.35, 3776949.14	9.78369	7.14298	7.35771	9.9928E-07	3.7547E-08	2.69472E-07	1.3E-06	4.5E-10	1.4E-09	7.9E-10	7.2E-10	3.3E-10	1.5E-11	3.6E-10	1.9E-10	1.7E-10	5.2E-11	7.9E-10
543	556772.35, 3776949.14	10.30986	7.65222	7.21641	1.05302E-06	4.02238E-08	2.64297E-07	1.4E-06	4.7E-10	1.4E-09	8.2E-10	7.4E-10	3.4E-10	1.6E-11	3.8E-10	2.0E-10	1.8E-10	5.4E-11	8.2E-10
544	556792.35, 3776949.14	10.83453	8.23064	6.93932	1.10661E-06	4.32643E-08	2.54149E-07	1.4E-06	4.9E-10	1.5E-09	8.5E-10	7.7E-10	3.5E-10	1.6E-11	3.9E-10	2.0E-10	1.8E-10	5.5E-11	8.5E-10
545	556812.35, 3776949.14	11.28369	8.90653	6.55685	1.15249E-06	4.68171E-08	2.40141E-07	1.4E-06	5.0E-10	1.5E-09	8.7E-10	7.9E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.7E-11	8.7E-10
546	556832.35, 3776949.14	11.63342	9.69463	6.0858	1.18821E-06	5.09597E-08	2.22889E-07	1.5E-06	5.1E-10	1.5E-09	8.8E-10	8.0E-10	3.7E-10	1.7E-11	4.1E-10	2.1E-10	1.9E-10	5.8E-11	8.8E-10
547	556852.35, 3776949.14	12.03865	10.66457	5.72813	1.2296E-06	5.60582E-08	2.0979E-07	1.5E-06	5.2E-10	1.6E-09	9.0E-10	8.2E-10	3.7E-10	1.7E-11	4.2E-10	2.1E-10	1.9E-10	5.9E-11	9.0E-10
548	556672.35, 3776969.14	8.26786	5.93459	7.03265	8.44457E-07	3.11951E-08	2.57567E-07	1.1E-06	3.9E-10	1.2E-09	6.9E-10	6.2E-10	2.8E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.8E-10
549	556692.35, 3776969.14	9.05145	6.41468	7.63194	9.24491E-07	3.37187E-08	2.79516E-07	1.2E-06	4.3E-10	1.3E-09	7.5E-10	6.8E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.5E-10
550	556712.35, 3776969.14	9.8572	6.93126	8.10111	1.00679E-06	3.64341E-08	2.96699E-07	1.3E-06	4.6E-10	1.4E-09	8.1E-10	7.3E-10	3.4E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.3E-11	8.1E-10
551	556732.35, 3776969.14	10.61682	7.48005	8.3235	1.08437E-06	3.93188E-08	3.04844E-07	1.4E-06	4.9E-10	1.5E-09	8.6E-10	7.8E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.6E-11	8.6E-10
552	556752.35, 3776969.14	11.28189	8.05973	8.25427	1.1523E-06	4.23659E-08	3.02308E-07	1.5E-06	5.2E-10	1.6E-09	9.1E-10	8.2E-10	3.7E-10	1.7E-11	4.2E-10	2.2E-10	2.0E-10	5.9E-11	9.0E-10
553	556772.35, 3776969.14	11.8618	8.68654	7.95037	1.21153E-06	4.56607E-08	2.91178E-07	1.5E-06	5.4E-10	1.6E-09	9.4E-10	8.5E-10	3.9E-10	1.8E-11	4.3E-10	2.2E-10	2.0E-10	6.1E-11	9.4E-10
554	556792.35, 3776969.14	12.44715	9.39887	7.51737	1.27132E-06	4.9405E-08	2.7532E-07	1.6E-06	5.5E-10	1.7E-09	9.7E-10	8.8E-10	4.0E-10	1.8E-11	4.5E-10	2.3E-10	2.1E-10	6.3E-11	9.6E-10
555	556812.35, 3776969.14	12.94989	10.22646	6.99223	1.32267E-06	5.37553E-08	2.56087E-07	1.6E-06	5.7E-10	1.7E-09	9.9E-10	9.0E-10	4.1E-10	1.9E-11	4.6E-10	2.3E-10	2.1E-10	6.4E-11	9.9E-10
556	556832.35, 3776969.14	13.39283	11.22598	6.46799	1.36791E-06	5.90092E-08	2.36887E-07	1.7E-06	5.8E-10	1.7E-09	1.0E-09	9.1E-10	4.2E-10	1.9E-11	4.6E-10	2.4E-10	2.2E-10	6.6E-11	1.0E-09
557	556852.35, 3776969.14	13.85825	12.43098	6.05835	1.41544E-06	6.53433E-08	2.21884E-07	1.7E-06	5.9E-10	1.8E-09	1.0E-09	9.3E-10	4.3E-10	2.0E-11	4.8E-10	2.4E-10	2.2E-10	6.7E-11	1.0E-09
558	556672.35, 3776989.14	9.50132	6.53246	8.20132	9.70439E-07	3.43378E-08	3.00369E-07	1.3E-06	4.5E-10	1.4E-09	7.9E-10	7.2E-10	3.3E-10	1.5E-11	3.6E-10	1.9E-10	1.7E-10	5.2E-11	7.9E-10
559	556692.35, 3776989.14	10.48547	7.11532	8.91437	1.07096E-06	3.74016E-08	3.26484E-07	1.4E-06	5.0E-10	1.5E-09	8.7E-10	7.9E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.7E-11	8.7E-10
560	556712.35, 3776989.14	11.47678	7.75208	9.40516	1.17221E-06	4.07487E-08	3.44459E-07	1.6E-06	5.4E-10	1.6E-09	9.4E-10	8.5E-10	3.9E-10	1.8E-11	4.3E-10	2.2E-10	2.0E-10	6.1E-11	9.4E-10
561	556732.35, 3776989.14	12.37551	8.43618	9.5283	1.264E-06	4.43447E-08	3.48969E-07	1.7E-06	5.7E-10	1.7E-09	1.0E-09	9.1E-10	4.1E-10	1.9E-11	4.6E-10	2.4E-10	2.2E-10	6.5E-11	1.0E-09
562	556752.35, 3776989.14	13.13514	9.16627	9.27518	1.34159E-06	4.81824E-08	3.39699E-07	1.7E-06	6.0E-10	1.8E-09	1.0E-09	9.5E-10	4.3E-10	2.0E-11	4.8E-10	2.5E-10	2.3E-10	6.8E-11	1.0E-09
563	556772.35, 3776989.14	13.77543	9.95308	8.74768	1.40699E-06	5.23182E-08	3.20379E-07	1.8E-06	6.2E-10	1.9E-09	1.1E-09	9.8E-10	4.5E-10	2.1E-11	5.0E-10	2.6E-10	2.3E-10	7.0E-11	1.1E-09
564	556792.35, 3776989.14	14.39396	10.8473	8.12233	1.47016E-06	5.70187E-08	2.97476E-07	1.8E-06	6.3E-10	1.9E-09	1.1E-09	1.0E-09	4.6E-10	2.1E-11	5.1E-10	2.6E-10	2.4E-10	7.2E-11	1.1E-09
565	556812.

597	556852.35, 3777049.14	28.90447	27.16736	7.93616	2.95222E-06	1.42805E-07	2.90658E-07	3.4E-06	1.2E-09	3.5E-09	2.0E-09	1.9E-09	8.5E-10	3.9E-11	9.5E-10	4.9E-10	4.4E-10	1.3E-10	2.0E-09
598	556927.54, 3776959.53	12.97138	14.85518	6.33208	1.32486E-06	7.80861E-08	2.31909E-07	1.6E-06	5.7E-10	1.7E-09	9.9E-10	9.0E-10	4.1E-10	1.9E-11	4.6E-10	2.4E-10	2.1E-10	6.5E-11	9.9E-10
599	556947.54, 3776959.53	12.13809	14.52959	6.46031	1.23975E-06	7.63746E-08	2.36606E-07	1.6E-06	5.4E-10	1.6E-09	9.4E-10	8.5E-10	3.9E-10	1.8E-11	4.3E-10	2.2E-10	2.0E-10	6.1E-11	9.4E-10
600	556967.54, 3776959.53	11.10846	13.6461	6.61657	1.13459E-06	7.17306E-08	2.42328E-07	1.4E-06	5.0E-10	1.5E-09	8.8E-10	7.9E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.7E-11	8.8E-10
601	556987.54, 3776959.53	9.98348	12.37519	6.79823	1.01969E-06	6.505E-08	2.48982E-07	1.3E-06	4.6E-10	1.4E-09	8.1E-10	7.3E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.3E-11	8.1E-10
602	557007.54, 3776959.53	8.81097	10.91998	6.91015	8.99929E-07	5.74007E-08	2.53081E-07	1.2E-06	4.2E-10	1.3E-09	7.3E-10	6.6E-10	3.0E-10	1.4E-11	3.4E-10	1.7E-10	1.6E-10	4.8E-11	7.3E-10
603	557027.54, 3776959.53	7.70223	9.4597	6.89301	7.86685E-07	4.97248E-08	2.52453E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.0E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
604	557047.54, 3776959.53	6.70926	8.11905	6.72702	6.85266E-07	4.26777E-08	2.46374E-07	9.7E-07	3.4E-10	1.0E-09	5.9E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.9E-10
605	557067.54, 3776959.53	5.8532	6.9606	6.42337	5.9783E-07	3.65883E-08	2.35253E-07	8.7E-07	3.0E-10	9.1E-10	5.3E-10	4.8E-10	2.2E-10	1.0E-11	2.4E-10	1.3E-10	1.1E-10	3.4E-11	5.3E-10
606	557087.54, 3776959.53	5.1332	5.99839	6.01085	5.24291E-07	3.15305E-08	2.20144E-07	7.8E-07	2.7E-10	8.1E-10	4.7E-10	4.3E-10	1.9E-10	9.0E-12	2.2E-10	1.1E-10	1.0E-10	3.1E-11	4.7E-10
607	556927.54, 3776979.53	14.55165	17.1217	6.93831	1.48627E-06	9E-08	2.54112E-07	1.8E-06	6.3E-10	1.9E-09	1.1E-09	1.0E-09	4.6E-10	2.1E-11	5.1E-10	2.6E-10	2.4E-10	7.2E-11	1.1E-09
608	556947.54, 3776979.53	13.39282	16.3897	7.16695	1.36791E-06	8.61523E-08	2.62486E-07	1.7E-06	5.9E-10	1.8E-09	1.0E-09	9.4E-10	4.3E-10	2.0E-11	4.8E-10	2.5E-10	2.2E-10	6.8E-11	1.0E-09
609	556967.54, 3776979.53	12.01275	15.01751	7.32978	1.22695E-06	7.89394E-08	2.68449E-07	1.6E-06	5.4E-10	1.6E-09	9.5E-10	8.6E-10	3.9E-10	1.8E-11	4.4E-10	2.3E-10	2.1E-10	6.2E-11	9.5E-10
610	556987.54, 3776979.53	10.61142	13.28203	7.53657	1.08382E-06	6.98168E-08	2.76023E-07	1.4E-06	4.9E-10	1.5E-09	8.7E-10	7.8E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.6E-11	8.6E-10
611	557007.54, 3776979.53	9.22509	11.46057	7.62017	9.42226E-07	6.02423E-08	2.79085E-07	1.3E-06	4.4E-10	1.3E-09	7.8E-10	7.0E-10	3.2E-10	1.5E-11	3.6E-10	1.8E-10	1.7E-10	5.1E-11	7.7E-10
612	557027.54, 3776979.53	7.96971	9.7518	7.53636	8.14005E-07	5.12602E-08	2.76015E-07	1.1E-06	4.0E-10	1.2E-09	6.9E-10	6.3E-10	2.9E-10	1.3E-11	3.2E-10	1.6E-10	1.5E-10	4.5E-11	6.9E-10
613	557047.54, 3776979.53	6.88584	8.26772	7.27179	7.03301E-07	4.34592E-08	2.66326E-07	1E-06	3.5E-10	1.1E-09	6.1E-10	5.6E-10	2.5E-10	1.2E-11	2.8E-10	1.5E-10	1.3E-10	4.0E-11	6.1E-10
614	557067.54, 3776979.53	5.9803	7.04269	6.85678	6.10812E-07	3.70198E-08	2.51126E-07	9E-07	3.1E-10	9.4E-10	5.4E-10	4.9E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.5E-11	5.4E-10
615	557087.54, 3776979.53	5.23506	6.05878	6.33147	5.34695E-07	3.18479E-08	2.31887E-07	8E-07	2.8E-10	8.3E-10	4.8E-10	4.4E-10	2.0E-10	9.2E-12	2.2E-10	1.1E-10	1.0E-10	3.2E-11	4.8E-10
616	556927.54, 3776999.53	16.39048	19.82452	7.68655	1.67408E-06	1.04207E-07	2.81516E-07	2.1E-06	7.1E-10	2.2E-09	1.2E-09	1.1E-09	5.2E-10	2.4E-11	5.8E-10	3.0E-10	2.7E-10	8.1E-11	1.2E-09
617	556947.54, 3776999.53	14.77419	18.47332	7.89326	1.509E-06	9.71048E-08	2.89087E-07	1.9E-06	6.6E-10	2.0E-09	1.1E-09	1.0E-09	4.7E-10	2.2E-11	5.3E-10	2.7E-10	2.5E-10	7.5E-11	1.1E-09
618	556967.54, 3776999.53	13.02064	16.44163	8.18135	1.32989E-06	8.64252E-08	2.99638E-07	1.7E-06	5.9E-10	1.8E-09	1.0E-09	9.4E-10	4.3E-10	2.0E-11	4.8E-10	2.5E-10	2.2E-10	6.8E-11	1.0E-09
619	556987.54, 3776999.53	11.24956	14.14723	8.40012	1.149E-06	7.43647E-08	3.0765E-07	1.5E-06	5.3E-10	1.6E-09	9.3E-10	8.4E-10	3.8E-10	1.8E-11	4.3E-10	2.2E-10	2.0E-10	6.0E-11	9.3E-10
620	557007.54, 3776999.53	9.63111	11.93102	8.43422	9.83696E-07	6.27153E-08	3.08899E-07	1.4E-06	4.7E-10	1.4E-09	8.2E-10	7.4E-10	3.4E-10	1.6E-11	3.8E-10	1.9E-10	1.8E-10	5.4E-11	8.2E-10
621	557027.54, 3776999.53	8.23169	9.98972	8.24884	8.40763E-07	5.25108E-08	3.0211E-07	1.2E-06	4.1E-10	1.2E-09	7.2E-10	6.6E-10	3.0E-10	1.4E-11	3.3E-10	1.7E-10	1.6E-10	4.7E-11	7.2E-10
622	557047.54, 3776999.53	7.0662	8.39315	7.85163	7.21723E-07	4.41185E-08	2.87562E-07	1.1E-06	3.6E-10	1.1E-09	6.4E-10	5.8E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.4E-10	4.2E-11	6.4E-10
623	557067.54, 3776999.53	6.11791	7.12806	7.29346	6.24867E-07	3.74686E-08	2.67119E-07	9.3E-07	3.2E-10	9.7E-10	5.6E-10	5.1E-10	2.3E-10	1.1E-11	2.6E-10	1.3E-10	1.2E-10	3.7E-11	5.6E-10
624	557087.54, 3776999.53	5.3536	6.14084	6.64259	5.46802E-07	3.22793E-08	2.43281E-07	8.2E-07	2.8E-10	8.6E-10	5.0E-10	4.5E-10	2.1E-10	9.5E-12	2.3E-10	1.2E-10	1.1E-10	3.2E-11	5.0E-10
625	556927.54, 3777019.53	18.53433	23.02279	8.61064	1.89305E-06	1.21019E-07	3.1536E-07	2.3E-06	8.1E-10	2.4E-09	1.4E-09	1.3E-09	5.8E-10	2.7E-11	6.5E-10	3.3E-10	3.0E-10	9.2E-11	1.4E-09
626	556947.54, 3777019.53	16.29019	20.75278	8.8896	1.66384E-06	1.09087E-07	3.25577E-07	2.1E-06	7.3E-10	2.2E-09	1.3E-09	1.2E-09	5.3E-10	2.4E-11	5.9E-10	3.0E-10	2.7E-10	8.3E-11	1.3E-09
627	556967.54, 3777019.53	14.03318	17.86239	9.21893	1.43331E-06	9.38934E-08	3.37639E-07	1.9E-06	6.5E-10	1.9E-09	1.1E-09	1.0E-09	4.7E-10	2.2E-11	5.2E-10	2.7E-10	2.4E-10	7.4E-11	1.1E-09
628	556987.54, 3777019.53	11.89054	14.92939	9.41829	1.21447E-06	7.84762E-08	3.4494E-07	1.6E-06	5.7E-10	1.7E-09	9.9E-10	9.0E-10	4.1E-10	1.9E-11	4.6E-10	2.4E-10	2.1E-10	6.5E-11	9.9E-10
629	557007.54, 3777019.53	10.03428	12.32264	9.36293	1.02487E-06	6.47738E-08	3.42912E-07	1.4E-06	5.0E-10	1.5E-09	8.7E-10	7.9E-10	3.6E-10	1.7E-11	4.0E-10	2.1E-10	1.9E-10	5.7E-11	8.7E-10
630	557027.54, 3777019.53	8.49865	10.18819	9.03119	8.68029E-07	5.35541E-08	3.30763E-07	1.3E-06	4.3E-10	1.3E-09	7.6E-10	6.9E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.6E-10
631	557047.54, 3777019.53	7.26188	8.52001	8.462	7.41709E-07	4.47853E-08	3.09916E-07	1.1E-06	3.8E-10	1.1E-09	6.6E-10	6.0E-10	2.7E-10	1.3E-11	3.1E-10	1.6E-10	1.4E-10	4.3E-11	6.6E-10
632	557067.54, 3777019.53	6.27835	7.242	7.73677	6.41254E-07	3.80675E-08	2.83355E-07	9.6E-07	3.3E-10	1.0E-09	5.8E-10	5.3E-10	2.4E-10	1.1E-11	2.7E-10	1.4E-10	1.3E-10	3.8E-11	5.8E-10
633	557087.54, 3777019.53	5.49492	6.26107	6.94006	5.61236E-07	3.29112E-08	2.54176E-07	8.5E-07	2.9E-10	8.9E-10	5.1E-10	4.7E-10	2.1E-10	9.8E-12	2.4E-10	1.2E-10	1.1E-10	3.3E-11	5.1E-10
634	556927.54, 3777039.53	21.03396	26.75448	9.76372	2.14835E-06	1.40635E-07	3.57591E-07	2.6E-06	9.2E-10	2.8E-09	1.6E-09	1.5E-09	6.6E-10	3.1E-11	7.4E-10	3.8E-10	3.4E-10	1.0E-10	1.6E-09
635	556947.54, 3777039.53	17.95	23.16261	10.11101	1.83336E-06	1.21754E-07	3.70311E-07	2.3E-06	8.0E-10	2.4E-09	1.4E-09	1.3E-09	5.8E-10	2.7E-11	6.5E-10	3.3E-10	3.0E-10	9.2E-11	1.4E-09
636	556967.54, 3777039.53	15.0842	19.2066	10.47643	1.54066E-06	1.00959E-07	3.83694E-07	2E-06	7.0E-10	2.1E-09	1.2E-09	1.1E-09	5.1E-10	2.3E-11	5.7E-10	2.9E-10	2.6E-10	8.0E-11	1.2E-09
637	556987.54, 3777039.53	12.53764	15.59807	10.61727	1.28056E-06	8.19911E-08	3.88852E-07	1.8E-06	6.1E-10	1.8E-09	1.1E-09	9.6E-10	4.4E-10	2.0E-11	4.9E-10	2.5E-10	2.3E-10	6.9E-11	1.1E-09
638	557007.54, 3777039.53	10.44541	12.64719	10.41622	1.06687E-06	6.64798E-08	3.81489E-07	1.5E-06	5.2E-10	1.6E-09	9.2E-10	8.3E-10	3.8E-10	1.8E-11	4.2E-10	2.2E-10	2.0E-10	6.0E-11	9.2E-10
639	557027.54, 3777039.53	8.78448	10.3804	9.88022	8.97223E-07	5.45644E-08	3.61858E-07	1.3E-06	4.5E-10	1.4E-09	7.9E-10	7.2E-10	3.3E-10	1.5E-11	3.7E-10	1.9E-10	1.7E-10	5.2E-11	7.9E-10
640	557047.54, 3777039.53	7.48482	8.68212	9.32443	7.64479E-07	4.56375E-08	3.41502E-07	1.2E-06	4.0E-10	1.2E-09	7.0E-10	6.3E-10	2.9E-10	1.3E-11	3.2E-10	1.7E-10	1.5E-10	4.5E-11	7.0E-10
641	557067.54, 3777039.53	6.46593	7.40655	8.16708	6.60413E-07	3.89324E-08	2.99115E-07	1E-06	3.5E-10	1.0E-09	6.0E-10	5.5E-10	2.5E-10	1.2E-11	2.8E-10	1.4E-10	1.3E-10	3.9E-11	6.0E-10
642	557087.54, 3777039.53	5.66125	6.43188	7.21531	5.78225E-07	3.38091E-08	2.64257E-07	8.8E-07	3.0E-10	9.2E-10	5.3E-10	4.8E-10	2.2E-10	1.0E-11	2.4E-10	1.3E-10	1.1E-10	3.5E-11	5.3E-10
643	557047.54, 3777059.53	7.67417	8.91269	9.44925	7.83819E-07	4.68494E-08	3.46074E-07	1.2E-06	4.1E-10	1.2E-09	7.1E-10	6.5E-10	2.9E-10	1.4E-11	3.3E-10	1.7E-10	1.5E-10	4.6E-11	7.1E-10
644	557067.54, 3777059.53	6.62499	7.64057	8.32242	6.76659E-07	4.01626E-08	3.04804E-07	1E-06	3.5E-10	1.1E-09	6.2E-10	5.6E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.3E-10	4.0E-11	6.2E-10
645	557087.54, 3777059.53	5.79712	6.65881	7.24223	5.92102E-07	3.5002E-08	2.65243E-07	8.9E-07	3.1E-10	9.3E-10	5.4E-10	4.9E-10	2.2E-10	1.0E-11	2.5E-10	1.3E-10	1.2E-10	3.5E-11	5.4E-10
646	556919.02, 3777174.93	56.16601	68.87098	35.242	5.73664E-06	3.62019E-07	1.29072E-06	7.4E-06	2.6E-09	7.7E-09	4.5E-09	4.1E-09	1.8E-09	8.5E-11	2.1E-09	1.1E-09	9.6E-10	2.9E-10	4.5E-09
647	556939.02, 3777174.93	36.04317	45.23921	34.68835	3.68135E-06	2.37799E-07	1.27044E-06	5.2E-06	1.8E-09	5.4E-09	3.1E-09	2.8E-09	1.3E-09	6.0E-11	1.4E-09	7.5E-10	6.8E-10	2.0E-10	3.1E-09
648	556919.02, 3777194.93	56.93555	75.48222	47.89141	5.81524E-06	3.96771E-07	1.754E-06	8E-06	2.8E-09	8.3E-09	4.8E-09	4.4E-09	2.0E-09	9.2E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.8E-09
649	556939.02, 3777194.93	36.1868	47.97612	45.05075	3.69602E-06	2.52186E-07	1.64996E-06	5.6E-06	1.9E-09	5.9E-09	3.4E-09	3.1E-09	1.4E-09	6.5E-11	1.6E-09	8.0E-10	7.3E-10	2.2E-10	3.4E-09
650	556919.02, 3777214.93	54.58496	71.14756	68.93671	5.57516E-06	3.73986E-07	2.52477E-06	8.5E-06	2.9E-09	8.9E-09	5.1E-09	4.6E-09	2.1E-09	9.8E-11	2.4E-09	1.2E-09	1.1E-09	3.3E-10	5.1E-09
651	556939.02, 3777214.93	34.8157	46.48033	60.3877	3.55598E-06	2.44323E-07	2.21167E-06	6E-06	2.1E-09	6.3E-09	3.6E-09	3.3E-09	1.5E-09	6.9E-11	1.7E-09	8.6E-10	7.8E-10	2.4E-10	3.6E-09
652	556919.02, 3777234.93	49.99695	60.72029	103.81638	5.10655E-06	3.19175E-07	3.80222E-06	9.2E-06	3.2E-09	9.6E-09	5.6E-09	5.1E-09	2.3E-09	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.6E-10	5.6E-09
653	556939.02, 3777234.93	32.1657	41.71519	84.75385	3.28532E-06	2.19275E-07	3.10407E-06	6.6E-06	2.3E-09	6.9E-09	4.0E-09	3.6E-09	1.7E-09	7.6E-11	1.8E-09	9.5E-10	8.6E-10	2.6E-10	4.0E-09
654	556919.02, 3777254.93	41.90384	47.94501	173.24652	4.27995E-06	2.52022E-07	6.34506E-06	1.1E-05	3.8E-09	1.1E-08	6.6E-09	6.0E-09	2.7E-09	1.3E-10	3.0E-09	1.6E-09	1.4E-09	4.3E-10	6.6E-09
655	556939.02, 3777254.93	28.23938	35.34986	129.3976	2.88429E-06	1.85816E-07	4.73912E-06	7.8E-06	2.7E-09	8.2E-09	4.7E-09	4.3E-09	2.0E-09	9.0E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.7E-09
656	557023.57, 3777171.57	11.2919	14.18722	15.39238	1.15332E-06	7.4575E-08	5.63738E-07	1.8E-06	6.2E-10	1.9E-09	1.1E-09	9.8E-10	4.5E-10	2.1E-11	5.0E-10	2.6E-10	2.3E-10	7.1E-11	1.1E-09
657	557043.57, 3777171.57	9.4046	11.70557	12.17132	9.6056E-07	6.15302E-08	4.45768E-07	1.5E-06	5.1E-10	1.5E-09	8.9E-10	8.1E-10	3.7E-10	1.7E-11	4.1E-10	2.1E-10	1.9E-10	5.8E-11	8.9E-10
658	557063.57, 3777171.57	7.97689	9.82965	9.84743	8.14738E-07	5.16694E-08	3.60657E-07	1.2E-06	4.2E-10	1.3E-09	7.4E-10	6.7E-10	3.1E-10	1.4E-11	3.4E-10	1.8E-10	1.6E-10	4.8E-11	7.4E-10
659	557083.57, 3777171.57	6.87162	8.38775	8.17595	7.01849E-07	4.40901E-08	2.9944E-07	1E-06	3.6E-10	1.1E-09	6.3E-10	5.7E-10	2.6E-10	1.2E-11	2.9E-10	1.5E-10	1.4E-10	4.1E-11	6.3E-10
660	557023.57, 3777191.57	11.37238	14.45636	16.21613	1.16154E-06	7.59897E-08	5.93907E-07	1.8E-06	6.3E-10	1.9E-09	1.1E-09	1.0E-09	4.6E-10	2.1E-11	5.1E-10	2.6E-10	2.4E-10	7.2E-11	1.1E-09
661	557043.57, 3777191.57	9.45816	11.86931	12.66748	9.66031E-07	6.23909E-08	4.6394E-07	1.5E-06	5.2E-10	1.6E-09	9.0E-10	8.2E-10	3.7E-10	1.7E-11	4.2E-10	2.1E-10	1.9E-10	5.9E-11	9.0E-10
662	557063.57, 3777191.57	8.01152	9.9315	10.23088	8.18275E-07	5.22048E-08	3.74701E-07	1.2E-06	4.3E-10	1.3E-09	7.5E-10	6.8E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.5E-10
663	557083.57, 3777191.57	6.89789	8.4609	8.506	7.04532E-07	4.44746E-08	3.11528E-07	1.1E-06	3.7E-10	1.1E-09	6.4E-10	5.8E-10	2.7E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.4E-10
664	557023.57, 3777211.57	11.25739	14.3914	17.0774	1.1498E-06	7.56482E-08	6.25451E-07	1.9E-06	6.4E-10	1.9E-09	1.1E-09	1.0E-09	4.6E-10	2.1E-11	5.2E-10	2.7E-10	2.4E-10	7.3E-11	1.1E-09
665	557043.57, 3777211.57	9.3844	11.83769	13.2573	9.58497E-07	6.22247E-08	4.85542E-07	1.5E-06	5.2E-10	1.6E-09	9.1E-10	8.3E-10	3.8E-10	1.7E-11	4.2E-10	2.2E-10	2.0E-10	5.9E-11	9.1E-10
666	557063.57, 3777211.57	7.9663	9.92409	10.70098	8.13656E-07	5.21659E-08	3.91918E-07	1.3E-06	4.4E-10	1.3E-09	7.6E-10	6.9E-10	3.1E-10	1.5E-11	3.5E-10	1.8E-10	1.6E-10	5.0E-11	7.6E-10
667	557083.57, 3777211.57	6.84299	8.41318	8.91021	6.98925E-07	4.42238E-08	3.26332E-07	1.1E-06	3.7E-10	1.1E-09	6.5E-10	5.9E-10	2.7E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.5E-10
668	557023.57, 3777231.57	10.93943	13.9934	18.09565	1.11732E-06	7.35561E-08	6.62744E-07	1.9E-06	6.4E-10	1.9E-09	1.1E-09	1.0E-09	4.6E-10	2.1E-11	5.2E-10	2.7E-10	2.4E-10	7.3E-11	1.1E-09
669	557043.57, 3777231.57	9.1674	11.58261	13.98071	9.36333E-07	6.08838E-08	5.12036E-07	1.5E-06	5.2E-10	1.6E-09	9.1E-10	8.3E-10	3.8E-10	1.7E-11	4.2E-10	2.2E-10	2.0E-10	6.0E-11	9.1E-10
670	557063.57, 3777231.57	7.81495	9.75642	11.23116	7.98198E-07	5.12845E-08	4.11335E-07	1.3E-06	4.4E-10	1.3E-09	7.6E-10	6.9E-10	3.2E-10	1.5E-11	3.5E-10	1.8E-10	1.6E-10	5.0E-11	7.6E-10
671	557083.57, 3777231.57	6.70706	8.25097	9.33154	6.85041E-07	4.33711E-08	3.41763E-07	1.1E-06	3.7E-10	1.1E-09	6.5E-10	5.9E-10	2.7E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.5E-10
672	557023.57, 3777251.57	10.43287	13.28924	19.32819	1.06559E-06	6.98547E-08	7.07885E-07	1.8E-06	6.4E-10	1.9E-09	1.1E-09	1.0E-09	4.6E-10	2.1E-11	5.1E-10	2.7E-10	2.4E-10	7.3E-11	1.1E-09
673	557043.57, 3777251.57	8.81249	11.106	14.77998	9.00084E-07	5.83786E-08	5.41309E-07	1.5E-06	5.2E-10	1.6E-09	9.1E-10	8.2E-10	3.8E-10	1.7E-11	4.2E-10	2.2E-10	2.0E-10	5.9E-11	9.1E-10
674	557063.57, 3777251.57	7.56231	9.43097	11.74082	7.72394E-07	4.95738E-08	4.30001E-07	1.3E-06	4.3E-10	1.3E-09	7.6E-10	6.9E-10	3.1E-10	1.4E-11	3.5E-10	1.8E-10	1.6E-10	4.9E-11	7.6E-10
675	557083.57, 3777251.57	6.49147	7.9769	9.64964	6.63021E-07	4.19305E-08	3.53413E-07	1.1E-06	3.7E-10	1.1E-09	6.4E-10	5.8E-10	2.6E-10	1.2E-11	3.0E-10	1.5E-10	1.4E-10	4.2E-11	6.4E-10
676	556249.05, 3776972.85	1.60922	1.23095	1.47617	1.64361E-07	6.47047E-09	5.4064E-08	2.2E-07	7.8E-11	2.4E-10	1.4E-10	1.2E-10	5.6E-11	2.6E-12	6.3E-11	3.2E-11	2.9E-11	8.9E-12	1.4E-10
677	556269.05, 3776972.85	1.64444	1.2748	1.42341	1.67959E-07	6.70097E-09	5.21317E-08	2.3E-07	7.9E-11	2.4E-10	1.4E-10	1.2E-10	5.7E-11	2.6E-12	6.3E-11	3.3E-11	3.0E-11	9.0E-12	1.4E-10
678	556229.05, 3776992.85	1.64996	1.24556	1.51384	1.68522E-07	6.54727E-09	5.54436E-08	2.3E-07	8.0E-11	2.4E-10	1.4E-10	1.3E-10	5.8E-11	2.7E-12	6.4E-11	3.3E-11	3.0E-11	9.1E-12	1.4E-10
679	556249.05, 3776992.85	1.67441	1.271	1.58887	1.7102E-07	6.681E-09	5.81915E-08	2.4E-07	8.2E-11	2.5E-10	1.4E-10	1.3E-10	5.9E-11	2.7E-12	6.6E-11	3.4E-11	3.1E-11	9.3E-12	1.4E-10
680	556269.05, 3776992.85	1.75893	1.33259	1.62446	1.79652E-07	7.00474E-09	5.9495E-08	2.5E-07	8.5E-11	2.6E-10	1.5E-10	1.4E-10	6.2E-11	2.8E-12	6.9E-11	3.5E-11	3.2E-11	9.7E-12	1.5E-10
681	556289.05, 3776992.85	1.82317	1.38587	1.71548	1.86214E-07	7.28481E-09	6.28286E-08	2.6E-07	8.9E-11	2.7E-10	1.6E-10	1.4E-10	6.4E-11	3.0E-12	7.2E-11	3.7E-11	3.3E-11	1.0E-11	1.5E-10
682	556309.05, 3776992.85	1.89394	1.44911	1.66097	1.93442E-07	7.61723E-09	6.08322E-08	2.6E-07	9.1E-11	2.7E-10	1.6E-10	1.4E-10	6.6E-11	3.0E-12	7.3E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
683	556329.05, 3776992.85	1.89201	1.49283	1.72583	1.93245E-07	7.84704E-09	6.32076E-08	2.6E-07	9.1E-11	2.8E-10	1.6E-10	1.4E-10	6.6E-11	3.1E-12	7.4E-11	3.8E-11	3.4E-11	1.0E-11	1.6E-10
684	556209.05, 3777012.85	1.66657	1.45838	1.50034	1.70219E-07	7.66596E-09	5.49492E-08	2.3E-07	8.1E-11	2.4E-10	1.4E-10	1.3E-10	5.8E-11	2.7E-12	6.5E-11	3.3E-11	3.0E-11	9.2E-12	1.4E-10
685	556229.05, 3777012.85	1.68095	1.27223	1.563	1.71688E-07	6.68746E-09	5.72441E-08	2.4E-07	8.2E-11	2.5E-10	1.4E-10	1.3E-10	5.9E-11	2.7E-12	6.6E-11	3.4E-11	3.1E-11	9.3E-12	1.4E-10
686	556249.05, 3777012.85	1.75335

718	556481.69, 3776967.49	2.63513	2.0046	2.40281	2.69145E-07	1.05372E-08	8.80017E-08	3.7E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.2E-11	4.3E-12	1.0E-10	5.3E-11	4.8E-11	1.5E-11	2.2E-10
719	556401.69, 3776987.49	2.21686	1.72852	2.05184	2.26424E-07	9.08594E-09	7.51476E-08	3.1E-07	1.1E-10	3.2E-10	1.9E-10	1.7E-10	7.8E-11	3.6E-12	8.7E-11	4.5E-11	4.0E-11	1.2E-11	1.9E-10
720	556421.69, 3776987.49	2.34321	1.81033	2.16713	2.39329E-07	9.51598E-09	7.937E-08	3.3E-07	1.1E-10	3.4E-10	2.0E-10	1.8E-10	8.2E-11	3.8E-12	9.2E-11	4.7E-11	4.3E-11	1.3E-11	2.0E-10
721	556441.69, 3776987.49	2.51287	1.92146	2.32261	2.56658E-07	1.01001E-08	8.50644E-08	3.5E-07	1.2E-10	3.7E-10	2.1E-10	1.9E-10	8.8E-11	4.1E-12	9.8E-11	5.1E-11	4.6E-11	1.4E-11	2.1E-10
722	556461.69, 3776987.49	2.68369	2.03039	2.47888	2.74105E-07	1.06727E-08	9.07877E-08	3.8E-07	1.3E-10	3.9E-10	2.3E-10	2.1E-10	9.4E-11	4.3E-12	1.0E-10	5.4E-11	4.9E-11	1.5E-11	2.3E-10
723	556481.69, 3776987.49	2.91188	2.17566	2.68801	2.97412E-07	1.14363E-08	9.8447E-08	4.1E-07	1.4E-10	4.3E-10	2.5E-10	2.2E-10	1.0E-10	4.7E-12	1.1E-10	5.9E-11	5.3E-11	1.6E-11	2.5E-10
724	556421.69, 3777007.49	2.51305	1.91693	2.3532	2.56676E-07	1.00763E-08	8.61847E-08	3.5E-07	1.2E-10	3.7E-10	2.1E-10	1.9E-10	8.8E-11	4.1E-12	9.9E-11	5.1E-11	4.6E-11	1.4E-11	2.1E-10
725	556441.69, 3777007.49	2.67924	2.02034	2.50892	2.7365E-07	1.06199E-08	9.18879E-08	3.8E-07	1.3E-10	3.9E-10	2.3E-10	2.1E-10	9.4E-11	4.3E-12	1.1E-10	5.4E-11	4.9E-11	1.5E-11	2.3E-10
726	556461.69, 3777007.49	2.89308	2.15392	2.70971	2.95491E-07	1.13221E-08	9.92417E-08	4.1E-07	1.4E-10	4.2E-10	2.5E-10	2.2E-10	1.0E-10	4.7E-12	1.1E-10	5.8E-11	5.3E-11	1.6E-11	2.5E-10
727	556481.69, 3777007.49	3.17925	2.33255	2.97913	3.2472E-07	1.2261E-08	1.09109E-07	4.5E-07	1.5E-10	4.7E-10	2.7E-10	2.4E-10	1.1E-10	5.2E-12	1.2E-10	6.4E-11	5.8E-11	1.8E-11	2.7E-10
728	556441.69, 3777027.49	2.88995	2.14731	2.74666	2.95172E-07	1.12873E-08	1.00595E-07	4.1E-07	1.4E-10	4.3E-10	2.5E-10	2.2E-10	1.0E-10	4.7E-12	1.1E-10	5.9E-11	5.3E-11	1.6E-11	2.5E-10
729	556461.69, 3777027.49	3.10424	2.27334	2.95397	3.17059E-07	1.19498E-08	1.08188E-07	4.4E-07	1.5E-10	4.6E-10	2.6E-10	2.4E-10	1.1E-10	5.1E-12	1.2E-10	6.3E-11	5.7E-11	1.7E-11	2.6E-10
730	556481.69, 3777027.49	3.4402	2.47656	3.28055	3.51373E-07	1.3018E-08	1.20148E-07	4.8E-07	1.7E-10	5.1E-10	2.9E-10	2.7E-10	1.2E-10	5.6E-12	1.4E-10	7.0E-11	6.3E-11	1.9E-11	2.9E-10
731	556251.24, 3777154.95	2.33196	1.93628	2.22497	2.3818E-07	1.0178E-08	8.14884E-08	3.3E-07	1.1E-10	3.4E-10	2.0E-10	1.8E-10	8.3E-11	3.8E-12	9.2E-11	4.7E-11	4.3E-11	1.3E-11	2.0E-10
732	556261.28, 3777141.2	2.36606	1.96047	2.24865	2.41663E-07	1.03052E-08	8.23556E-08	3.3E-07	1.2E-10	3.5E-10	2.0E-10	1.8E-10	8.4E-11	3.9E-12	9.3E-11	4.8E-11	4.4E-11	1.3E-11	2.0E-10
733	556264.98, 3777168.16	2.48742	2.04741	2.39658	2.54058E-07	1.07622E-08	8.77735E-08	3.5E-07	1.2E-10	3.7E-10	2.1E-10	1.9E-10	8.8E-11	4.1E-12	9.8E-11	5.1E-11	4.6E-11	1.4E-11	2.1E-10
734	556279.25, 3777151.77	2.5572	2.09496	2.45593	2.61186E-07	1.10121E-08	8.99472E-08	3.6E-07	1.3E-10	3.8E-10	2.2E-10	2.0E-10	9.1E-11	4.2E-12	1.0E-10	5.2E-11	4.7E-11	1.4E-11	2.2E-10
735	556202.6, 3777113.45	1.89223	1.61563	1.75623	1.93267E-07	8.49254E-09	6.4321E-08	2.7E-07	9.2E-11	2.8E-10	1.6E-10	1.5E-10	6.7E-11	3.1E-12	7.4E-11	3.8E-11	3.5E-11	1.1E-11	1.6E-10
736	556220.05, 3777109.75	1.98285	1.68367	1.84196	2.02523E-07	8.85019E-09	6.74608E-08	2.8E-07	9.7E-11	2.9E-10	1.7E-10	1.5E-10	7.0E-11	3.2E-12	7.8E-11	4.0E-11	3.6E-11	1.1E-11	1.7E-10
737	556187.53, 3777090.19	1.75977	1.51552	1.62257	1.79738E-07	7.96631E-09	5.94258E-08	2.5E-07	8.6E-11	2.6E-10	1.5E-10	1.4E-10	6.2E-11	2.9E-12	6.9E-11	3.6E-11	3.2E-11	9.8E-12	1.5E-10
738	556164.27, 3777121.38	1.72649	1.48163	1.61051	1.76339E-07	7.78817E-09	5.89841E-08	2.4E-07	8.4E-11	2.5E-10	1.5E-10	1.3E-10	6.1E-11	2.8E-12	6.8E-11	3.5E-11	3.2E-11	9.6E-12	1.5E-10
739	557510.26, 3776508.23	1.24285	1.32635	1.28116	1.26941E-07	6.97194E-09	4.69218E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	9.9E-11	4.5E-11	2.1E-12	5.0E-11	2.6E-11	2.4E-11	7.1E-12	1.1E-10
740	557530.26, 3776508.23	1.1968	1.27538	1.22572	1.22238E-07	6.70402E-09	4.48914E-08	1.7E-07	6.0E-11	1.8E-10	1.1E-10	9.5E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
741	557550.26, 3776508.23	1.15331	1.22796	1.17493	1.17796E-07	6.45476E-09	4.30312E-08	1.7E-07	5.8E-11	1.7E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
742	557570.26, 3776508.23	1.11257	1.18396	1.12869	1.13635E-07	6.22347E-09	4.13377E-08	1.6E-07	5.6E-11	1.7E-10	9.8E-11	8.8E-11	4.0E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.7E-11
743	557590.26, 3776508.23	1.07564	1.14425	1.08737	1.09863E-07	6.01474E-09	3.98244E-08	1.6E-07	5.4E-11	1.6E-10	9.4E-11	8.5E-11	3.9E-11	1.8E-12	4.3E-11	2.2E-11	2.0E-11	6.1E-12	9.4E-11
744	557610.26, 3776508.23	1.0426	1.10876	1.05076	1.06488E-07	5.82818E-09	3.84835E-08	1.5E-07	5.2E-11	1.6E-10	9.1E-11	8.3E-11	3.8E-11	1.7E-12	4.2E-11	2.2E-11	2.0E-11	6.0E-12	9.1E-11
745	557630.26, 3776508.23	1.00988	1.0739	1.01642	1.03146E-07	5.64494E-09	3.72259E-08	1.5E-07	5.1E-11	1.5E-10	8.8E-11	8.0E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.8E-11
746	557650.26, 3776508.23	0.97962	1.04167	0.98528	1.00056E-07	5.47553E-09	3.60854E-08	1.4E-07	4.9E-11	1.5E-10	8.6E-11	7.8E-11	3.5E-11	1.6E-12	4.0E-11	2.0E-11	1.8E-11	5.6E-12	8.6E-11
747	557670.26, 3776508.23	0.94847	1.00869	0.95485	9.68742E-08	5.30217E-09	3.49709E-08	1.4E-07	4.7E-11	1.4E-10	8.3E-11	7.5E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.3E-11
748	557690.26, 3776508.23	0.91725	0.97572	0.92529	9.36854E-08	5.12886E-09	3.38883E-08	1.3E-07	4.6E-11	1.4E-10	8.0E-11	7.3E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.2E-12	8.0E-11
749	557510.26, 3776528.23	1.25044	1.33575	1.28636	1.27717E-07	7.02135E-09	4.71123E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
750	557530.26, 3776528.23	1.20314	1.28393	1.23072	1.22885E-07	6.74896E-09	4.50745E-08	1.7E-07	6.0E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
751	557550.26, 3776528.23	1.15975	1.2368	1.18058	1.18454E-07	6.50122E-09	4.32381E-08	1.7E-07	5.8E-11	1.8E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
752	557570.26, 3776528.23	1.11721	1.19121	1.13397	1.14109E-07	6.26158E-09	4.15311E-08	1.6E-07	5.6E-11	1.7E-10	9.8E-11	8.9E-11	4.1E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.8E-11
753	557590.26, 3776528.23	1.08027	1.1515	1.09326	1.10336E-07	6.05285E-09	4.00401E-08	1.6E-07	5.4E-11	1.6E-10	9.5E-11	8.6E-11	3.9E-11	1.8E-12	4.4E-11	2.2E-11	2.0E-11	6.2E-12	9.5E-11
754	557610.26, 3776528.23	1.04577	1.11454	1.05634	1.06812E-07	5.85857E-09	3.86879E-08	1.5E-07	5.2E-11	1.6E-10	9.2E-11	8.3E-11	3.8E-11	1.7E-12	4.2E-11	2.2E-11	2.0E-11	6.0E-12	9.1E-11
755	557630.26, 3776528.23	1.01363	1.08016	1.02279	1.03529E-07	5.67785E-09	3.74592E-08	1.5E-07	5.1E-11	1.5E-10	8.9E-11	8.0E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.9E-11
756	557650.26, 3776528.23	0.98344	1.04788	0.99202	1.00446E-07	5.50817E-09	3.63322E-08	1.4E-07	4.9E-11	1.5E-10	8.6E-11	7.8E-11	3.6E-11	1.6E-12	4.0E-11	2.0E-11	1.9E-11	5.6E-12	8.6E-11
757	557670.26, 3776528.23	0.95042	1.01293	0.96051	9.70733E-08	5.32445E-09	3.51782E-08	1.4E-07	4.8E-11	1.4E-10	8.3E-11	7.5E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.3E-11
758	557690.26, 3776528.23	0.92015	0.98076	0.93165	9.39816E-08	5.15535E-09	3.41212E-08	1.3E-07	4.6E-11	1.4E-10	8.1E-11	7.3E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.3E-12	8.1E-11
759	557510.26, 3776548.23	1.2537	1.34164	1.2896	1.2805E-07	7.05231E-09	4.72309E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
760	557530.26, 3776548.23	1.20851	1.29202	1.23566	1.23434E-07	6.79149E-09	4.52554E-08	1.8E-07	6.1E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
761	557550.26, 3776548.23	1.16024	1.24039	1.1834	1.18504E-07	6.5201E-09	4.33414E-08	1.7E-07	5.8E-11	1.8E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
762	557570.26, 3776548.23	1.11682	1.19394	1.13681	1.14069E-07	6.27593E-09	4.16351E-08	1.6E-07	5.6E-11	1.7E-10	9.8E-11	8.9E-11	4.1E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.8E-11
763	557590.26, 3776548.23	1.0805	1.15474	1.09702	1.10359E-07	6.06988E-09	4.01778E-08	1.6E-07	5.4E-11	1.6E-10	9.5E-11	8.6E-11	3.9E-11	1.8E-12	4.4E-11	2.3E-11	2.0E-11	6.2E-12	9.5E-11
764	557610.26, 3776548.23	1.04502	1.11671	1.05992	1.06736E-07	5.86997E-09	3.8819E-08	1.5E-07	5.2E-11	1.6E-10	9.2E-11	8.3E-11	3.8E-11	1.8E-12	4.2E-11	2.2E-11	2.0E-11	6.0E-12	9.2E-11
765	557630.26, 3776548.23	1.01227	1.08158	1.02629	1.03391E-07	5.68531E-09	3.75873E-08	1.5E-07	5.1E-11	1.5E-10	8.9E-11	8.0E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.9E-11
766	557650.26, 3776548.23	0.98223	1.04925	0.99579	1.00322E-07	5.51537E-09	3.64703E-08	1.4E-07	4.9E-11	1.5E-10	8.6E-11	7.8E-11	3.6E-11	1.6E-12	4.0E-11	2.0E-11	1.9E-11	5.6E-12	8.6E-11
767	557670.26, 3776548.23	0.95014	1.01505	0.96495	9.70447E-08	5.3356E-09	3.53408E-08	1.4E-07	4.8E-11	1.4E-10	8.3E-11	7.6E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.3E-11
768	557690.26, 3776548.23	0.92078	0.98362	0.93669	9.4046E-08	5.17039E-09	3.43058E-08	1.3E-07	4.6E-11	1.4E-10	8.1E-11	7.3E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.3E-12	8.1E-11
769	557510.26, 3776568.23	1.25487	1.34609	1.29203	1.28169E-07	7.07571E-09	4.73199E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
770	557530.26, 3776568.23	1.20844	1.29539	1.23806	1.23427E-07	6.8092E-09	4.53433E-08	1.8E-07	6.1E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
771	557550.26, 3776568.23	1.16104	1.2446	1.18691	1.18585E-07	6.54222E-09	4.347E-08	1.7E-07	5.8E-11	1.8E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.7E-12	1.0E-10
772	557570.26, 3776568.23	1.11539	1.19598	1.13958	1.13923E-07	6.28665E-09	4.17365E-08	1.6E-07	5.6E-11	1.7E-10	9.8E-11	8.9E-11	4.1E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.8E-11
773	557590.26, 3776568.23	1.07735	1.15499	1.09923	1.10038E-07	6.07119E-09	4.02587E-08	1.6E-07	5.4E-11	1.6E-10	9.5E-11	8.6E-11	3.9E-11	1.8E-12	4.4E-11	2.2E-11	2.0E-11	6.2E-12	9.4E-11
774	557610.26, 3776568.23	1.04111	1.11605	1.06199	1.06336E-07	5.8665E-09	3.88948E-08	1.5E-07	5.2E-11	1.6E-10	9.1E-11	8.3E-11	3.8E-11	1.7E-12	4.2E-11	2.2E-11	2.0E-11	6.0E-12	9.1E-11
775	557630.26, 3776568.23	1.00782	1.08018	1.0282	1.02936E-07	5.67795E-09	3.76573E-08	1.5E-07	5.1E-11	1.5E-10	8.9E-11	8.0E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.8E-11
776	557650.26, 3776568.23	0.97873	1.04856	0.99841	9.99648E-08	5.51174E-09	3.65663E-08	1.4E-07	4.9E-11	1.5E-10	8.6E-11	7.8E-11	3.6E-11	1.6E-12	4.0E-11	2.0E-11	1.9E-11	5.6E-12	8.6E-11
777	557670.26, 3776568.23	0.94659	1.01411	0.9675	9.66821E-08	5.33066E-09	3.54342E-08	1.4E-07	4.8E-11	1.4E-10	8.3E-11	7.5E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.3E-11
778	557690.26, 3776568.23	0.91574	0.98102	0.93809	9.35312E-08	5.15672E-09	3.43571E-08	1.3E-07	4.6E-11	1.4E-10	8.1E-11	7.3E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.3E-12	8.0E-11
779	557510.26, 3776588.23	1.25241	1.34758	1.29293	1.27918E-07	7.08354E-09	4.73529E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.6E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
780	557530.26, 3776588.23	1.20694	1.29776	1.24024	1.23274E-07	6.82166E-09	4.54232E-08	1.8E-07	6.1E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
781	557550.26, 3776588.23	1.15899	1.24625	1.18935	1.18376E-07	6.5509E-09	4.35593E-08	1.7E-07	5.8E-11	1.8E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.7E-12	1.0E-10
782	557570.26, 3776588.23	1.11091	1.19496	1.14096	1.13465E-07	6.28129E-09	4.17871E-08	1.6E-07	5.6E-11	1.7E-10	9.8E-11	8.9E-11	4.0E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.8E-11
783	557590.26, 3776588.23	1.06935	1.15025	1.09875	1.09221E-07	6.04628E-09	4.02412E-08	1.6E-07	5.4E-11	1.6E-10	9.4E-11	8.5E-11	3.9E-11	1.8E-12	4.3E-11	2.2E-11	2.0E-11	6.1E-12	9.4E-11
784	557610.26, 3776588.23	1.03279	1.11072	1.0615	1.05486E-07	5.83849E-09	3.88769E-08	1.5E-07	5.2E-11	1.6E-10	9.1E-11	8.2E-11	3.8E-11	1.7E-12	4.2E-11	2.2E-11	2.0E-11	5.9E-12	9.1E-11
785	557630.26, 3776588.23	1.00232	1.07748	1.02968	1.02374E-07	5.66376E-09	3.77115E-08	1.5E-07	5.0E-11	1.5E-10	8.8E-11	8.0E-11	3.6E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.8E-12	8.8E-11
786	557650.26, 3776588.23	0.97222	1.04473	0.99923	9.92999E-08	5.49161E-09	3.65963E-08	1.4E-07	4.9E-11	1.5E-10	8.6E-11	7.8E-11	3.5E-11	1.6E-12	3.9E-11	2.0E-11	1.8E-11	5.6E-12	8.5E-11
787	557670.26, 3776588.23	0.94195	1.0119	0.96947	9.62082E-08	5.31904E-09	3.55063E-08	1.4E-07	4.7E-11	1.4E-10	8.3E-11	7.5E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.3E-11
788	557690.26, 3776588.23	0.91289	0.98038	0.94111	9.32401E-08	5.15336E-09	3.44677E-08	1.3E-07	4.6E-11	1.4E-10	8.0E-11	7.3E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.2E-12	8.0E-11
789	557510.26, 3776608.23	1.24648	1.34548	1.29226	1.27312E-07	7.0725E-09	4.73284E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	1.0E-10	4.5E-11	2.1E-12	5.1E-11	2.6E-11	2.4E-11	7.2E-12	1.1E-10
790	557530.26, 3776608.23	1.20113	1.29565	1.24036	1.2268E-07	6.81057E-09	4.54275E-08	1.7E-07	6.1E-11	1.8E-10	1.1E-10	9.6E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
791	557550.26, 3776608.23	1.15187	1.24237	1.18923	1.17649E-07	6.5305E-09	4.35549E-08	1.7E-07	5.8E-11	1.8E-10	1.0E-10	9.2E-11	4.2E-11	1.9E-12	4.7E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
792	557570.26, 3776608.23	1.10506	1.19171	1.14207	1.12868E-07	6.26421E-09	4.18277E-08	1.6E-07	5.6E-11	1.7E-10	9.7E-11	8.8E-11	4.0E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.4E-12	9.7E-11
793	557590.26, 3776608.23	1.06082	1.14371	1.09848	1.08349E-07	6.0119E-09	4.02313E-08	1.5E-07	5.4E-11	1.6E-10	9.4E-11	8.5E-11	3.9E-11	1.8E-12	4.3E-11	2.2E-11	2.0E-11	6.1E-12	9.3E-11
794	557610.26, 3776608.23	1.02405	1.1037	1.06123	1.04594E-07	5.80159E-09	3.8867E-08	1.5E-07	5.2E-11	1.6E-10	9.0E-11	8.2E-11	3.7E-11	1.7E-12	4.2E-11	2.1E-11	1.9E-11	5.9E-12	9.0E-11
795	557630.26, 3776608.23	0.99351	1.07042	1.02934	1.01474E-07	5.62665E-09	3.7699E-08	1.4E-07	5.0E-11	1.5E-10	8.8E-11	7.9E-11	3.6E-11	1.7E-12	4.0E-11	2.1E-11	1.9E-11	5.7E-12	8.8E-11
796	557650.26, 3776608.23	0.96265	1.03684	0.99825	9.83225E-08	5.45014E-09	3.65604E-08	1.4E-07	4.9E-11	1.5E-10	8.5E-11	7.7E-11	3.5E-11	1.6E-12	3.9E-11	2.0E-11	1.8E-11	5.5E-12	8.5E-11
797	557670.26, 3776608.23	0.93157	1.00303	0.9677	9.5148E-08	5.27242E-09	3.54415E-08	1.4E-07	4.7E-11	1.4E-10	8.2E-11	7.5E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.2E-11
798	557690.26, 3776608.23	0.90149	0.9703	0.93835	9.20758E-08	5.10037E-09	3.43666E-08	1.3E-07	4.6E-11	1.4E-10	8.0E-11	7.2E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.2E-12	7.9E-11
799	557510.26, 3776628.23	1.23869	1.34014	1.29131	1.26516E-07	7.04443E-09	4.72936E-08	1.8E-07	6.3E-11	1.9E-10	1.1E-10	9.9E-11	4.5E-11	2.1E-12	5.0E-11	2.6E-11	2.4E-11	7.1E-12	1.1E-10
800	557530.26, 3776628.23	1.1913	1.28802	1.23886	1.21676E-07	6.77046E-09	4.53726E-08	1.7E-07	6.0E-11	1.8E-10	1.1E-10	9.5E-11	4.4E-11	2.0E-12	4.9E-11	2.5E-11	2.3E-11	6.9E-12	1.1E-10
801	557550.26, 3776628.23	1.14008	1.23208	1.18698	1.16445E-07	6.47641E-09	4.34725E-08	1.7E-07	5.8E-11	1.7E-10	1.0E-10	9.1E-11	4.2E-11	1.9E-12	4.6E-11	2.4E-11	2.2E-11	6.6E-12	1.0E-10
802	557570.26, 3776628.23	1.10202	1.19037	1.14566	1.12557E-07	6.25717E-09	4.19592E-08	1.6E-07	5.6E-11	1.7E-10	9.7E-11	8.8E-11	4.0E-11	1.9E-12	4.5E-11	2.3E-11	2.1E-11	6.3E-12	9.7E-11
803	557590.26, 3776628.23	1.05152	1.13544	1.09816	1.07399E-07	5.96843E-09	4.02195E-08	1.5E-07	5.3E-11	1.6E-10	9.3E-11	8.4E-11	3.8E-11	1.8E-12	4.3E-11	2.2E-11	2.0E-11	6.1E-12	9.3E-11
804	557610.26, 3776628.23	1.01428	1.09478	1.06061	1.03596E-07	5.7547E-09	3.88443E-08	1.5E-07	5.1E-11	1.5E-10	9.0E-11	8.1E-11	3.7E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.9E-12	9.0E-11
805	557630.26, 3776628.23	0.98124	1.05868	1.02698	1.00221E-07	5.56494E-09	3.76126E-08	1.4E-07	5.0E-11	1.5E-10	8.7E-11	7.9E-11	3.6E-11	1.7E-12	4.0E-11	2.1E-11	1.9E-11	5.7E-12	8.7E-11
806	557650.26, 3776628.23	0.95234	1.02706	0.99699	9.72694E-08	5.39873E-09	3.65142E-08	1.4E-07	4.8E-11	1.5E-10	8.4E-11	7.6E-11	3.5E-11	1.6E-12	3.9E-11	2.0E-11	1.8E-11	5

839	556172.49, 3776517.81	0.41491	0.37559	0.37623	4.23778E-08	1.97428E-09	1.37792E-08	5.8E-08	2.0E-11	6.1E-11	3.5E-11	3.2E-11	1.5E-11	6.7E-13	1.6E-11	8.4E-12	7.6E-12	2.3E-12	3.5E-11
840	556192.49, 3776517.81	0.42702	0.38599	0.38697	4.36147E-08	2.02895E-09	1.41726E-08	6E-08	2.1E-11	6.3E-11	3.6E-11	3.3E-11	1.5E-11	6.9E-13	1.7E-11	8.6E-12	7.8E-12	2.4E-12	3.6E-11
841	556212.49, 3776517.81	0.431	0.38927	0.39063	4.40212E-08	2.04619E-09	1.43066E-08	6E-08	2.1E-11	6.3E-11	3.7E-11	3.3E-11	1.5E-11	7.0E-13	1.7E-11	8.7E-12	7.9E-12	2.4E-12	3.6E-11
842	556232.49, 3776517.81	0.43937	0.3965	0.39788	4.48761E-08	2.0842E-09	1.45722E-08	6.2E-08	2.1E-11	6.4E-11	3.7E-11	3.4E-11	1.5E-11	7.1E-13	1.7E-11	8.8E-12	8.0E-12	2.4E-12	3.7E-11
843	556252.49, 3776517.81	0.44847	0.40445	0.40557	4.58055E-08	2.12599E-09	1.48538E-08	6.3E-08	2.2E-11	6.6E-11	3.8E-11	3.4E-11	1.6E-11	7.3E-13	1.8E-11	9.0E-12	8.2E-12	2.5E-12	3.8E-11
844	556272.49, 3776517.81	0.46237	0.41671	0.41718	4.72252E-08	2.19043E-09	1.5279E-08	6.5E-08	2.2E-11	6.8E-11	3.9E-11	3.5E-11	1.6E-11	7.5E-13	1.8E-11	9.3E-12	8.4E-12	2.6E-12	3.9E-11
845	556292.49, 3776517.81	0.47566	0.42851	0.42807	4.85826E-08	2.25246E-09	1.56778E-08	6.7E-08	2.3E-11	7.0E-11	4.0E-11	3.6E-11	1.7E-11	7.7E-13	1.9E-11	9.6E-12	8.7E-12	2.6E-12	4.0E-11
846	556312.49, 3776517.81	0.48766	0.43926	0.43766	4.98083E-08	2.30896E-09	1.60291E-08	6.8E-08	2.4E-11	7.1E-11	4.1E-11	3.7E-11	1.7E-11	7.9E-13	1.9E-11	9.8E-12	8.9E-12	2.7E-12	4.1E-11
847	556332.49, 3776517.81	0.50337	0.45339	0.45025	5.14129E-08	2.38324E-09	1.64902E-08	7E-08	2.4E-11	7.3E-11	4.3E-11	3.9E-11	1.8E-11	8.1E-13	2.0E-11	1.0E-11	9.2E-12	2.8E-12	4.2E-11
848	556352.49, 3776517.81	0.51461	0.46369	0.45892	5.25609E-08	2.43738E-09	1.68077E-08	7.2E-08	2.5E-11	7.5E-11	4.3E-11	3.9E-11	1.8E-11	8.3E-13	2.0E-11	1.0E-11	9.4E-12	2.8E-12	4.3E-11
849	556372.49, 3776517.81	0.52004	0.46892	0.46259	5.31155E-08	2.46487E-09	1.69421E-08	7.3E-08	2.5E-11	7.6E-11	4.4E-11	4.0E-11	1.8E-11	8.4E-13	2.0E-11	1.0E-11	9.5E-12	2.9E-12	4.4E-11
850	556392.49, 3776517.81	0.53686	0.48438	0.47602	5.48334E-08	2.54614E-09	1.7434E-08	7.5E-08	2.6E-11	7.8E-11	4.5E-11	4.1E-11	1.9E-11	8.6E-13	2.1E-11	1.1E-11	9.7E-12	3.0E-12	4.5E-11
851	556412.49, 3776517.81	0.54886	0.49562	0.48548	5.60591E-08	2.60522E-09	1.77805E-08	7.6E-08	2.6E-11	8.0E-11	4.6E-11	4.2E-11	1.9E-11	8.8E-13	2.1E-11	1.1E-11	1.0E-11	3.0E-12	4.6E-11
852	556432.49, 3776517.81	0.55921	0.50537	0.49376	5.71162E-08	2.65647E-09	1.80837E-08	7.8E-08	2.7E-11	8.1E-11	4.7E-11	4.3E-11	1.9E-11	9.0E-13	2.2E-11	1.1E-11	1.0E-11	3.1E-12	4.7E-11
853	556452.49, 3776517.81	0.56828	0.51391	0.50125	5.80426E-08	2.70136E-09	1.8358E-08	7.9E-08	2.7E-11	8.3E-11	4.8E-11	4.3E-11	2.0E-11	9.1E-13	2.2E-11	1.1E-11	1.0E-11	3.1E-12	4.8E-11
854	556472.49, 3776517.81	0.58689	0.53076	0.51708	5.99434E-08	2.78993E-09	1.89378E-08	8.2E-08	2.8E-11	8.5E-11	4.9E-11	4.5E-11	2.0E-11	9.4E-13	2.3E-11	1.2E-11	1.1E-11	3.2E-12	4.9E-11
855	556492.49, 3776517.81	0.60393	0.54592	0.53186	6.16838E-08	2.86962E-09	1.94791E-08	8.4E-08	2.9E-11	8.8E-11	5.1E-11	4.6E-11	2.1E-11	9.7E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.1E-11
856	556172.49, 3776537.81	0.43015	0.38872	0.38945	4.39344E-08	2.0433E-09	1.42634E-08	6E-08	2.1E-11	6.3E-11	3.6E-11	3.3E-11	1.5E-11	7.0E-13	1.7E-11	8.7E-12	7.9E-12	2.4E-12	3.6E-11
857	556192.49, 3776537.81	0.43922	0.39629	0.39771	4.48607E-08	2.08309E-09	1.45659E-08	6.2E-08	2.1E-11	6.4E-11	3.7E-11	3.4E-11	1.5E-11	7.1E-13	1.7E-11	8.8E-12	8.0E-12	2.4E-12	3.7E-11
858	556212.49, 3776537.81	0.44917	0.40472	0.4066	4.5877E-08	2.12741E-09	1.48915E-08	6.3E-08	2.2E-11	6.6E-11	3.8E-11	3.4E-11	1.6E-11	7.3E-13	1.8E-11	9.0E-12	8.2E-12	2.5E-12	3.8E-11
859	556232.49, 3776537.81	0.45731	0.41162	0.41378	4.67084E-08	2.16368E-09	1.51545E-08	6.4E-08	2.2E-11	6.7E-11	3.9E-11	3.5E-11	1.6E-11	7.4E-13	1.8E-11	9.2E-12	8.3E-12	2.5E-12	3.9E-11
860	556252.49, 3776537.81	0.46639	0.41943	0.42159	4.76358E-08	2.20473E-09	1.54405E-08	6.5E-08	2.3E-11	6.8E-11	3.9E-11	3.6E-11	1.6E-11	7.5E-13	1.8E-11	9.4E-12	8.5E-12	2.6E-12	3.9E-11
861	556272.49, 3776537.81	0.47515	0.42705	0.42891	4.85305E-08	2.24478E-09	1.57086E-08	6.6E-08	2.3E-11	6.9E-11	4.0E-11	3.6E-11	1.7E-11	7.7E-13	1.9E-11	9.6E-12	8.7E-12	2.6E-12	4.0E-11
862	556292.49, 3776537.81	0.49303	0.44279	0.4438	5.03568E-08	2.32752E-09	1.62539E-08	6.9E-08	2.4E-11	7.2E-11	4.2E-11	3.8E-11	1.7E-11	8.0E-13	1.9E-11	9.9E-12	9.0E-12	2.7E-12	4.2E-11
863	556312.49, 3776537.81	0.50748	0.45559	0.45552	5.18326E-08	2.3948E-09	1.66832E-08	7.1E-08	2.5E-11	7.4E-11	4.3E-11	3.9E-11	1.8E-11	8.2E-13	2.0E-11	1.0E-11	9.2E-12	2.8E-12	4.3E-11
864	556332.49, 3776537.81	0.52449	0.47076	0.46922	5.357E-08	2.47454E-09	1.71849E-08	7.3E-08	2.5E-11	7.7E-11	4.4E-11	4.0E-11	1.8E-11	8.5E-13	2.0E-11	1.1E-11	9.5E-12	2.9E-12	4.4E-11
865	556352.49, 3776537.81	0.53774	0.48275	0.47956	5.49233E-08	2.53757E-09	1.75636E-08	7.5E-08	2.6E-11	7.8E-11	4.5E-11	4.1E-11	1.9E-11	8.7E-13	2.1E-11	1.1E-11	9.8E-12	3.0E-12	4.5E-11
866	556372.49, 3776537.81	0.54629	0.49072	0.48582	5.57966E-08	2.57946E-09	1.77929E-08	7.6E-08	2.6E-11	8.0E-11	4.6E-11	4.2E-11	1.9E-11	8.8E-13	2.1E-11	1.1E-11	9.9E-12	3.0E-12	4.6E-11
867	556392.49, 3776537.81	0.55392	0.49796	0.49129	5.65759E-08	2.61752E-09	1.79932E-08	7.7E-08	2.7E-11	8.1E-11	4.7E-11	4.2E-11	1.9E-11	8.9E-13	2.2E-11	1.1E-11	1.0E-11	3.0E-12	4.7E-11
868	556412.49, 3776537.81	0.57129	0.51392	0.50514	5.835E-08	2.70141E-09	1.85005E-08	8E-08	2.8E-11	8.3E-11	4.8E-11	4.4E-11	2.0E-11	9.2E-13	2.2E-11	1.1E-11	1.0E-11	3.1E-12	4.8E-11
869	556432.49, 3776537.81	0.58563	0.52722	0.5166	5.98147E-08	2.77133E-09	1.89202E-08	8.2E-08	2.8E-11	8.5E-11	4.9E-11	4.5E-11	2.0E-11	9.4E-13	2.3E-11	1.2E-11	1.1E-11	3.2E-12	4.9E-11
870	556452.49, 3776537.81	0.59479	0.5359	0.52398	6.07502E-08	2.81695E-09	1.91905E-08	8.3E-08	2.9E-11	8.6E-11	5.0E-11	4.5E-11	2.1E-11	9.6E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.0E-11
871	556472.49, 3776537.81	0.61515	0.55434	0.54111	6.28298E-08	2.91388E-09	1.98179E-08	8.6E-08	3.0E-11	8.9E-11	5.2E-11	4.7E-11	2.1E-11	9.9E-13	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
872	556492.49, 3776537.81	0.63495	0.57203	0.55807	6.48521E-08	3.00687E-09	2.0439E-08	8.8E-08	3.1E-11	9.2E-11	5.3E-11	4.8E-11	2.2E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.5E-12	5.3E-11
873	556332.49, 3776557.81	0.54966	0.49151	0.4917	5.61408E-08	2.58362E-09	1.80083E-08	7.7E-08	2.7E-11	8.0E-11	4.6E-11	4.2E-11	1.9E-11	8.9E-13	2.1E-11	1.1E-11	1.0E-11	3.0E-12	4.6E-11
874	556352.49, 3776557.81	0.55868	0.49969	0.49844	5.70621E-08	2.62661E-09	1.82551E-08	7.8E-08	2.7E-11	8.1E-11	4.7E-11	4.3E-11	2.0E-11	9.0E-13	2.2E-11	1.1E-11	1.0E-11	3.1E-12	4.7E-11
875	556372.49, 3776557.81	0.5746	0.51405	0.51089	5.86881E-08	2.7021E-09	1.87111E-08	8E-08	2.8E-11	8.4E-11	4.8E-11	4.4E-11	2.0E-11	9.3E-13	2.2E-11	1.2E-11	1.0E-11	3.2E-12	4.8E-11
876	556392.49, 3776557.81	0.58494	0.52365	0.51854	5.97442E-08	2.75256E-09	1.89913E-08	8.1E-08	2.8E-11	8.5E-11	4.9E-11	4.5E-11	2.0E-11	9.4E-13	2.3E-11	1.2E-11	1.1E-11	3.2E-12	4.9E-11
877	556412.49, 3776557.81	0.60309	0.54023	0.53286	6.1598E-08	2.83971E-09	1.95157E-08	8.4E-08	2.9E-11	8.8E-11	5.1E-11	4.6E-11	2.1E-11	9.7E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.1E-11
878	556432.49, 3776557.81	0.61578	0.55207	0.54272	6.28941E-08	2.90195E-09	1.98768E-08	8.6E-08	3.0E-11	9.0E-11	5.2E-11	4.7E-11	2.1E-11	9.9E-13	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
879	556452.49, 3776557.81	0.62561	0.56137	0.55044	6.38981E-08	2.95083E-09	2.01596E-08	8.7E-08	3.0E-11	9.1E-11	5.3E-11	4.8E-11	2.2E-11	1.0E-12	2.4E-11	1.3E-11	1.1E-11	3.4E-12	5.3E-11
880	556472.49, 3776557.81	0.64439	0.57846	0.56604	6.58163E-08	3.04067E-09	2.07309E-08	9E-08	3.1E-11	9.4E-11	5.4E-11	4.9E-11	2.2E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.5E-12	5.4E-11
881	556492.49, 3776557.81	0.66767	0.59928	0.58574	6.8194E-08	3.15011E-09	2.14524E-08	9.3E-08	3.2E-11	9.7E-11	5.6E-11	5.1E-11	2.3E-11	1.1E-12	2.6E-11	1.3E-11	1.2E-11	3.7E-12	5.6E-11
882	556332.49, 3776577.81	0.57029	0.50811	0.51039	5.82479E-08	2.67087E-09	1.86928E-08	8E-08	2.8E-11	8.3E-11	4.8E-11	4.4E-11	2.0E-11	9.2E-13	2.2E-11	1.1E-11	1.0E-11	3.1E-12	4.8E-11
883	556352.49, 3776577.81	0.58803	0.52378	0.52455	6.00598E-08	2.75324E-09	1.92114E-08	8.2E-08	2.8E-11	8.6E-11	5.0E-11	4.5E-11	2.1E-11	9.5E-13	2.3E-11	1.2E-11	1.1E-11	3.2E-12	5.0E-11
884	556372.49, 3776577.81	0.60335	0.53751	0.53645	6.16245E-08	2.82541E-09	1.96472E-08	8.4E-08	2.9E-11	8.8E-11	5.1E-11	4.6E-11	2.1E-11	9.7E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.1E-11
885	556392.49, 3776577.81	0.62012	0.55265	0.54944	6.33374E-08	2.905E-09	2.0123E-08	8.6E-08	3.0E-11	9.0E-11	5.2E-11	4.7E-11	2.2E-11	1.0E-12	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
886	556412.49, 3776577.81	0.6374	0.56839	0.56284	6.51023E-08	2.98774E-09	2.06137E-08	8.9E-08	3.1E-11	9.3E-11	5.4E-11	4.9E-11	2.2E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.5E-12	5.4E-11
887	556432.49, 3776577.81	0.64831	0.57866	0.57099	6.62166E-08	3.04172E-09	2.09122E-08	9E-08	3.1E-11	9.4E-11	5.5E-11	4.9E-11	2.3E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.6E-12	5.4E-11
888	556452.49, 3776577.81	0.66261	0.59192	0.58223	6.76772E-08	3.11142E-09	2.13239E-08	9.2E-08	3.2E-11	9.6E-11	5.6E-11	5.1E-11	2.3E-11	1.1E-12	2.6E-11	1.3E-11	1.2E-11	3.6E-12	5.6E-11
889	556472.49, 3776577.81	0.68209	0.60965	0.59817	6.96668E-08	3.20462E-09	2.19077E-08	9.5E-08	3.3E-11	9.9E-11	5.7E-11	5.2E-11	2.4E-11	1.1E-12	2.6E-11	1.4E-11	1.2E-11	3.7E-12	5.7E-11
890	556492.49, 3776577.81	0.70322	0.62863	0.61586	7.1825E-08	3.30439E-09	2.25556E-08	9.8E-08	3.4E-11	1.0E-10	5.9E-11	5.4E-11	2.4E-11	1.1E-12	2.7E-11	1.4E-11	1.3E-11	3.9E-12	5.9E-11
891	556332.49, 3776597.81	0.60046	0.53282	0.53719	6.13294E-08	2.80076E-09	1.96743E-08	8.4E-08	2.9E-11	8.8E-11	5.1E-11	4.6E-11	2.1E-11	9.7E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.1E-11
892	556352.49, 3776597.81	0.61717	0.54743	0.55055	6.30361E-08	2.87756E-09	2.01636E-08	8.6E-08	3.0E-11	9.0E-11	5.2E-11	4.7E-11	2.2E-11	1.0E-12	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
893	556372.49, 3776597.81	0.63321	0.56165	0.56307	6.46744E-08	2.95231E-09	2.06221E-08	8.8E-08	3.1E-11	9.2E-11	5.3E-11	4.8E-11	2.2E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.5E-12	5.3E-11
894	556392.49, 3776597.81	0.64526	0.57258	0.57202	6.59051E-08	3.00976E-09	2.09499E-08	9E-08	3.1E-11	9.4E-11	5.4E-11	4.9E-11	2.2E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.5E-12	5.4E-11
895	556412.49, 3776597.81	0.66952	0.59427	0.59114	6.8383E-08	3.12377E-09	2.16502E-08	9.3E-08	3.2E-11	9.7E-11	5.6E-11	5.1E-11	2.3E-11	1.1E-12	2.6E-11	1.3E-11	1.2E-11	3.7E-12	5.6E-11
896	556432.49, 3776597.81	0.68286	0.60662	0.60113	6.97455E-08	3.18869E-09	2.20161E-08	9.5E-08	3.3E-11	9.9E-11	5.7E-11	5.2E-11	2.4E-11	1.1E-12	2.7E-11	1.4E-11	1.2E-11	3.7E-12	5.7E-11
897	556452.49, 3776597.81	0.69335	0.61656	0.60894	7.08169E-08	3.24094E-09	2.23021E-08	9.6E-08	3.3E-11	1.0E-10	5.8E-11	5.3E-11	2.4E-11	1.1E-12	2.7E-11	1.4E-11	1.3E-11	3.8E-12	5.8E-11
898	556472.49, 3776597.81	0.71244	0.63396	0.62429	7.27667E-08	3.3324E-09	2.28643E-08	9.9E-08	3.4E-11	1.0E-10	6.0E-11	5.4E-11	2.5E-11	1.1E-12	2.8E-11	1.4E-11	1.3E-11	3.9E-12	6.0E-11
899	556492.49, 3776597.81	0.74125	0.65969	0.64815	7.57093E-08	3.46765E-09	2.37382E-08	1E-07	3.6E-11	1.1E-10	6.2E-11	5.6E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.3E-11	4.1E-12	6.2E-11
900	556252.49, 3776617.81	0.56722	0.50441	0.50962	5.79343E-08	2.65143E-09	1.86646E-08	7.9E-08	2.7E-11	8.3E-11	4.8E-11	4.3E-11	2.0E-11	9.2E-13	2.2E-11	1.1E-11	1.0E-11	3.1E-12	4.8E-11
901	556272.49, 3776617.81	0.57817	0.51318	0.51951	5.90527E-08	2.69752E-09	1.90268E-08	8.1E-08	2.8E-11	8.4E-11	4.9E-11	4.4E-11	2.0E-11	9.3E-13	2.3E-11	1.2E-11	1.1E-11	3.2E-12	4.9E-11
902	556292.49, 3776617.81	0.5929	0.52536	0.53233	6.05572E-08	2.76155E-09	1.94963E-08	8.3E-08	2.9E-11	8.7E-11	5.0E-11	4.5E-11	2.1E-11	9.6E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.0E-11
903	556312.49, 3776617.81	0.61156	0.54108	0.54816	6.24631E-08	2.84418E-09	2.00761E-08	8.5E-08	3.0E-11	8.9E-11	5.2E-11	4.7E-11	2.1E-11	9.9E-13	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
904	556332.49, 3776617.81	0.62239	0.55024	0.55707	6.35692E-08	2.89233E-09	2.04024E-08	8.7E-08	3.0E-11	9.1E-11	5.3E-11	4.8E-11	2.2E-11	1.0E-12	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
905	556352.49, 3776617.81	0.64829	0.57255	0.57827	6.62146E-08	3.0096E-09	2.117888E-08	9E-08	3.1E-11	9.4E-11	5.5E-11	5.0E-11	2.3E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.6E-12	5.5E-11
906	556372.49, 3776617.81	0.67062	0.59198	0.59612	6.84953E-08	3.11174E-09	2.18326E-08	9.3E-08	3.2E-11	9.8E-11	5.7E-11	5.1E-11	2.3E-11	1.1E-12	2.6E-11	1.3E-11	1.2E-11	3.7E-12	5.6E-11
907	556392.49, 3776617.81	0.68578	0.60548	0.60768	7.00437E-08	3.1827E-09	2.22562E-08	9.5E-08	3.3E-11	1.0E-10	5.8E-11	5.2E-11	2.4E-11	1.1E-12	2.7E-11	1.4E-11	1.2E-11	3.8E-12	5.8E-11
908	556412.49, 3776617.81	0.70822	0.62544	0.62515	7.23357E-08	3.28762E-09	2.28958E-08	9.9E-08	3.4E-11	1.0E-10	6.0E-11	5.4E-11	2.5E-11	1.1E-12	2.8E-11	1.4E-11	1.3E-11	3.9E-12	6.0E-11
909	556432.49, 3776617.81	0.72093	0.63721	0.63444	7.36338E-08	3.34949E-09	2.3236E-08	1E-07	3.5E-11	1.0E-10	6.1E-11	5.5E-11	2.5E-11	1.2E-12	2.8E-11	1.4E-11	1.3E-11	4.0E-12	6.1E-11
910	556452.49, 3776617.81	0.74094	0.65538	0.64996	7.56776E-08	3.445E-09	2.38045E-08	1E-07	3.6E-11	1.1E-10	6.2E-11	5.6E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.3E-11	4.1E-12	6.2E-11
911	556472.49, 3776617.81	0.75025	0.66433	0.65685	7.66285E-08	3.49204E-09	2.40568E-08	1E-07	3.6E-11	1.1E-10	6.3E-11	5.7E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.4E-11	4.1E-12	6.3E-11
912	556492.49, 3776617.81	0.78176	0.69239	0.68265	7.98469E-08	3.63954E-09	2.50017E-08	1.1E-07	3.8E-11	1.1E-10	6.6E-11	6.0E-11	2.7E-11	1.3E-12	3.0E-11	1.6E-11	1.4E-11	4.3E-12	6.6E-11
913	556252.49, 3776637.81	0.59445	0.52749	0.53308	6.07155E-08	2.77274E-09	1.95238E-08	8.3E-08	2.9E-11	8.7E-11	5.0E-11	4.6E-11	2.1E-11	9.6E-13	2.3E-11	1.2E-11	1.1E-11	3.3E-12	5.0E-11
914	556272.49, 3776637.81	0.61654	0.54561	0.55251	6.29717E-08	2.86799E-09	2.02354E-08	8.6E-08	3.0E-11	9.0E-11	5.2E-11	4.7E-11	2.2E-11	9.9E-13	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
915	556292.49, 3776637.81	0.62429	0.55141	0.55973	6.37633E-08	2.89848E-09	2.04998E-08	8.7E-08	3.0E-11	9.1E-11	5.3E-11	4.8E-11	2.2E-11	1.0E-12	2.4E-11	1.3E-11	1.1E-11	3.4E-12	5.3E-11
916	556312.49, 3776637.81	0.63785	0.56243	0.5715	6.51483E-08	2.95641E-09	2.09309E-08	8.9E-08	3.1E-11	9.3E-11	5.4E-11	4.9E-11	2.2E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.5E-12	5.4E-11
917	556332.49, 3776637.81	0.66175	0.5825	0.59158	6.75894E-08	3.0619E-09	2.16663E-08	9.2E-08	3.2E-11	9.6E-11	5.6E-11	5.1E-11	2.3E-11	1.1E-12	2.6E-11	1.3E-11	1.2E-11	3.6E-12	5.6E-11
918	556352.49, 3776637.81	0.6798	0.59778	0.60637	6.94329E-08	3.14222E-09	2.2208E-08	9.5E-08	3.3E-11	9.9E-11	5.7E-11	5.2E-11	2.4E-11	1.1E-12	2.6E-11	1.4E-11	1.2E-11	3.7E-12	5.7E-11
919	556372.49, 3776637.81	0.70624	0.62047	0.62776	7.21334E-08	3.26149E-09	2.29914E-08	9.8E-08	3.4E-11	1.0E-10	6.0E-11	5.4E-11	2.5E-11	1.1E-12	2.7E-11	1.4E-11	1.3E-11	3.9E-12	5.9E-11
920	556392.49, 3776637.81	0.72134	0.63372	0.63933	7.36757E-08	3.33114E-09	2.34151E-08	1E-07	3.5E-11	1.0E-10	6.1E-11	5.5E-11	2.5E-11	1.2E-12	2.8E-11	1.4E-11	1.3E-11	4.0E-12	6.1E-11
921	556412.49, 3776637.81	0.74315	0.65294	0.65621	7.59033E-08	3.43217E-09	2.40334E-08	1E-07	3.6E-11	1.1E-10	6.3E-11	5.7E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.3E-11	4.1E-12	6.2E-11
922	556432.49, 3776637.81	0.76257	0.67037	0.67096	7.78868E-08	3.52379E-09	2.45736E-08	1.1E-07	3.7E-11	1.1E-10	6.4E-11	5.8E-11	2.7E-11	1.2E-12	3.0E-11	1.5E-11	1.4E-11	4.2E-12	6.4E-11
923	556452.49, 3776637.81	0.77939	0.68573	0.68357	7.96048E-08	3.60453E-09	2.50354E-08	1.1E-07	3.7E-11	1.1E-10	6.5E-11	5.9E-11	2.7E-11	1.3E-12	3.0E-11	1.6E-11	1.4E-11	4.3E-12	6.5E-11
924	556472.49, 3776637.81	0.80002	0.70445	0.69959	8.17119E-08	3.70293E-09	2.56221E-08	1.1E-07	3.8E-11	1.2E-10	6.7E-11	6.1E-11	2.8E-11	1.3E-12	3.1E-11	1.6E-11	1.4E-11	4.4E-12	6.7E-11
925	556492.49, 3776637.81	0.82544	0.72725	0.72	8.43082E-08	3.82278E-09	2.63696E-08	1.1E-07	4.0E-11	1.2E-10	6.9E-11	6.3E-11	2.9E-11	1.3E-12	3.2E-11	1.6E-11	1.5E-11	4.5E-12	6.9E-11
926	556252.49, 3776657.81	0.62758	0.55579	0.56141	6.40993E-08	2.9215E-09	2.05614E-08	8.8E-08	3.0E-11	9.2E-11	5.3E-11	4.8E-11	2.2E-11	1.0E-12	2.4E-11	1.3E-11	1.1E-11	3.5E-12	5.3E-11
927	556272.49, 3776657.81	0.64781	0.57198	0.57947	6.61656E-08	3.00661E-09	2.12228E-08	9E-08	3.1E-11	9.4E-11	5.5E-11	5.0E-11	2.3E-11	1.0E-12	2.5E-11	1.3E-11	1.2E-11	3.6E-12	5.5E-11
928	556292.49, 3776657.81	0.66

960	556492.49, 3776697.81	0.98557	0.85215	0.85794	1.00663E-07	4.47932E-09	3.14216E-08	1.4E-07	4.7E-11	1.4E-10	8.3E-11	7.5E-11	3.4E-11	1.6E-12	3.8E-11	2.0E-11	1.8E-11	5.4E-12	8.3E-11
961	556252.49, 3776717.81	0.72309	0.63713	0.64332	7.38545E-08	3.34907E-09	2.35613E-08	1E-07	3.5E-11	1.1E-10	6.1E-11	5.5E-11	2.5E-11	1.2E-12	2.8E-11	1.4E-11	1.3E-11	4.0E-12	6.1E-11
962	556272.49, 3776717.81	0.74847	0.65696	0.66605	7.64467E-08	3.4533E-09	2.43937E-08	1E-07	3.6E-11	1.1E-10	6.3E-11	5.7E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.4E-11	4.1E-12	6.3E-11
963	556372.49, 3776717.81	0.87735	0.75687	0.77897	8.96102E-08	3.97848E-09	2.85294E-08	1.2E-07	4.2E-11	1.3E-10	7.4E-11	6.7E-11	3.1E-11	1.4E-12	3.4E-11	1.8E-11	1.6E-11	4.8E-12	7.4E-11
964	556392.49, 3776717.81	0.88591	0.7627	0.78606	9.04845E-08	4.00912E-09	2.8789E-08	1.2E-07	4.3E-11	1.3E-10	7.5E-11	6.8E-11	3.1E-11	1.4E-12	3.4E-11	1.8E-11	1.6E-11	4.9E-12	7.5E-11
965	556412.49, 3776717.81	0.92016	0.79071	0.81375	9.39827E-08	4.15636E-09	2.98032E-08	1.3E-07	4.4E-11	1.3E-10	7.7E-11	7.0E-11	3.2E-11	1.5E-12	3.6E-11	1.8E-11	1.7E-11	5.1E-12	7.7E-11
966	556432.49, 3776717.81	0.94455	0.81085	0.83267	9.64738E-08	4.26222E-09	3.04961E-08	1.3E-07	4.5E-11	1.4E-10	7.9E-11	7.2E-11	3.3E-11	1.5E-12	3.7E-11	1.9E-11	1.7E-11	5.2E-12	7.9E-11
967	556452.49, 3776717.81	0.96926	0.83181	0.85133	9.89976E-08	4.3724E-09	3.11795E-08	1.3E-07	4.7E-11	1.4E-10	8.1E-11	7.4E-11	3.4E-11	1.6E-12	3.8E-11	1.9E-11	1.8E-11	5.3E-12	8.1E-11
968	556472.49, 3776717.81	1.01895	0.87415	0.89029	1.04073E-07	4.59496E-09	3.26064E-08	1.4E-07	4.9E-11	1.5E-10	8.5E-11	7.7E-11	3.5E-11	1.6E-12	3.9E-11	2.0E-11	1.8E-11	5.6E-12	8.5E-11
969	556492.49, 3776717.81	1.04754	0.89919	0.91189	1.06993E-07	4.72658E-09	3.33975E-08	1.5E-07	5.0E-11	1.5E-10	8.8E-11	8.0E-11	3.6E-11	1.7E-12	4.1E-11	2.1E-11	1.9E-11	5.7E-12	8.8E-11
970	556267.4, 3776875.81	1.18575	1.00372	1.0647	1.21109E-07	5.27604E-09	3.89941E-08	1.7E-07	5.7E-11	1.7E-10	1.0E-10	9.1E-11	4.1E-11	1.9E-12	4.6E-11	2.4E-11	2.2E-11	6.5E-12	1.0E-10
971	556239.03, 3776853.02	1.03672	0.88862	0.92953	1.05888E-07	4.67102E-09	3.40436E-08	1.4E-07	5.0E-11	1.5E-10	8.7E-11	7.9E-11	3.6E-11	1.7E-12	4.0E-11	2.1E-11	1.9E-11	5.7E-12	8.7E-11
972	556178.76, 3776751.21	0.74787	0.66052	0.66452	7.63854E-08	3.47202E-09	2.43377E-08	1E-07	3.6E-11	1.1E-10	6.3E-11	5.7E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.4E-11	4.1E-12	6.3E-11
973	556154.45, 3776774.51	0.74646	0.65887	0.66672	7.62414E-08	3.46334E-09	2.44183E-08	1E-07	3.6E-11	1.1E-10	6.3E-11	5.7E-11	2.6E-11	1.2E-12	2.9E-11	1.5E-11	1.4E-11	4.1E-12	6.3E-11
974	556119.5, 3776705.11	0.61385	0.55001	0.54645	6.2697E-08	2.89112E-09	2.00135E-08	8.6E-08	3.0E-11	8.9E-11	5.2E-11	4.7E-11	2.1E-11	9.9E-13	2.4E-11	1.2E-11	1.1E-11	3.4E-12	5.2E-11
975	556146.51, 3777267.93	1.88803	1.61128	1.92558	1.92838E-07	8.46967E-09	7.05234E-08	2.7E-07	9.4E-11	2.8E-10	1.6E-10	1.5E-10	6.8E-11	3.1E-12	7.6E-11	3.9E-11	3.5E-11	1.1E-11	1.6E-10
976	556151, 3777234.88	1.87731	1.59442	1.90334	1.91743E-07	8.38105E-09	6.97088E-08	2.7E-07	9.3E-11	2.8E-10	1.6E-10	1.5E-10	6.8E-11	3.1E-12	7.5E-11	3.9E-11	3.5E-11	1.1E-11	1.6E-10
977	556144.93, 3777179.58	1.75659	1.49789	1.7447	1.79413E-07	7.87364E-09	6.38987E-08	2.5E-07	8.7E-11	2.6E-10	1.5E-10	1.4E-10	6.3E-11	2.9E-12	7.0E-11	3.6E-11	3.3E-11	9.9E-12	1.5E-10
978	556205.18, 3777236.46	2.21467	1.84703	2.27142	2.262E-07	9.70889E-09	8.31896E-08	3.2E-07	1.1E-10	3.3E-10	1.9E-10	1.8E-10	8.0E-11	3.7E-12	8.9E-11	4.6E-11	4.2E-11	1.3E-11	1.9E-10
979	556218, 3777200.04	2.22445	1.85193	2.20459	2.27199E-07	9.73465E-09	8.0742E-08	3.2E-07	1.1E-10	3.3E-10	1.9E-10	1.7E-10	8.0E-11	3.7E-12	8.9E-11	4.6E-11	4.1E-11	1.3E-11	1.9E-10
980	556773.51, 3777349	17.79315	20.15416	23.94682	1.81734E-06	1.0594E-07	8.7704E-07	2.8E-06	9.7E-10	2.9E-09	1.7E-09	1.5E-09	7.0E-10	3.2E-11	7.8E-10	4.0E-10	3.6E-10	1.1E-10	1.7E-09

Residential DOSEair =		**(Cair*(BR/BW)*A*EF*10^{-6})**
A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =		**DOSEair * CPF * ASF * ED/AT * FAH**
CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	**BR/BW**	**ASF**	**FAH**	**ED (Ops)**
3rd	361	10	0.85	0.25
0<2	1090	10	0.85	2
2<9	631	3	0.72	7
9<16	572	3	0.72	7
16<30	261	1	0.73	13.75

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Operational Risk - Fueling

OnSite Fueling

Emissions Rate (g/s): 3.07E-04

Discrete Receptor ID	Concentration [µg/m^3] at 1 g/s	Unmitigated	Residential Dose					Risk by Age Group					
X, Y	OnSite Fueling	OnSite Fueling	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 556521.71, 3777341.5	5.20464	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.7E-09	8.8E-08
2 556539.9, 3777344.94	5.71608	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.8E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
3 556591.78, 3777345.3	7.73086	0.002375135	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-09	6.0E-08	3.1E-08	2.8E-08	8.5E-09	1.3E-07
4 556630.62, 3777349.6	9.78209	0.003005329	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.2E-09	7.6E-08	3.9E-08	3.6E-08	1.1E-08	1.7E-07
5 556684.29, 3777349.4	13.70147	0.004209472	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
6 556905.58, 3777351.1	15.30964	0.004703546	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	4.9E-09	1.2E-07	6.1E-08	5.6E-08	1.7E-08	2.6E-07
7 556920.93, 3777350.8	14.10254	0.004332691	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.6E-09	1.1E-07	5.7E-08	5.1E-08	1.6E-08	2.4E-07
8 556942.87, 3777350.0	12.44349	0.003822985	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
9 556996.26, 3777348.2	9.42753	0.002896399	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.0E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
10 557096.81, 3777357.7	6.03554	0.001854285	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
11 557115.83, 3777363.6	5.49117	0.00168704	5.8E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.3E-08
12 557129.36, 3777361.4	5.32492	0.001635963	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.7E-09	4.2E-08	2.1E-08	1.9E-08	5.9E-09	9.0E-08
13 557230.65, 3777363.9	3.88316	0.001193014	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
14 556466.22, 3776816.0	0.55689	0.000171092	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	1.8E-10	4.3E-09	2.2E-09	2.0E-09	6.1E-10	9.4E-09
15 556407.87, 3776826.1	0.51705	0.000158852	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	1.7E-10	4.0E-09	2.1E-09	1.9E-09	5.7E-10	8.7E-09
16 556381.07, 3776807.1	0.46966	0.000144293	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.5E-10	3.7E-09	1.9E-09	1.7E-09	5.2E-10	7.9E-09
17 556404.29, 3776771.5	0.43776	0.000134492	4.7E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.4E-10	3.4E-09	1.8E-09	1.6E-09	4.8E-10	7.4E-09
18 556465.21, 3776739.5	0.47122	0.000144772	5.0E-08	1.5E-07	8.8E-08	7.9E-08	3.6E-08	1.5E-10	3.7E-09	1.9E-09	1.7E-09	5.2E-10	8.0E-09
19 556396.1, 3776739.93	0.40193	0.000123484	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.3E-10	3.1E-09	1.6E-09	1.5E-09	4.4E-10	6.8E-09
20 556323.99, 3777265.4	1.93268	0.000593773	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.2E-10	1.5E-08	7.8E-09	7.0E-09	2.1E-09	3.3E-08
21 556330.6, 3777233.99	1.81442	0.00055744	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.6E-09	2.0E-09	3.1E-08
22 556321.08, 3777200.4	1.56009	0.000479303	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.6E-08
23 556275.11, 3777267.8	1.62174	0.000498243	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	1.8E-09	2.7E-08
24 556278.28, 3777233.4	1.49572	0.000459527	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.8E-10	1.2E-08	6.0E-09	5.4E-09	1.6E-09	2.5E-08
25 556509.4, 3777373.38	4.67848	0.001437359	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.5E-09	3.6E-08	1.9E-08	1.7E-08	5.2E-09	7.9E-08
26 556529.4, 3777373.38	5.15938	0.001585105	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
27 556549.4, 3777373.38	5.71498	0.0017558	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.8E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
28 556569.4, 3777373.38	6.35578	0.001952672	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-09	5.0E-08	2.6E-08	2.3E-08	7.0E-09	1.1E-07
29 556589.4, 3777373.38	7.10183	0.002181879	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.3E-09	5.5E-08	2.9E-08	2.6E-08	7.8E-09	1.2E-07
30 556609.4, 3777373.38	7.95258	0.002443253	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
31 556629.4, 3777373.38	8.91524	0.002739009	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	2.9E-09	7.0E-08	3.6E-08	3.2E-08	9.8E-09	1.5E-07
32 556649.4, 3777373.38	9.95437	0.003058258	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.2E-09	7.8E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
33 556669.4, 3777373.38	11.02486	0.003387143	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.5E-07	3.6E-09	8.6E-08	4.4E-08	4.0E-08	1.2E-08	1.9E-07
34 556689.4, 3777373.38	12.02302	0.003693805	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	3.9E-09	9.4E-08	4.8E-08	4.4E-08	1.3E-08	2.0E-07
35 556709.4, 3777373.38	12.81136	0.003936005	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	4.1E-09	1.0E-07	5.1E-08	4.7E-08	1.4E-08	2.2E-07
36 556729.4, 3777373.38	13.29091	0.004083336	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
37 556749.4, 3777373.38	13.48052	0.00414159	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
38 556769.4, 3777373.38	13.48516	0.004143015	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
39 556789.4, 3777373.38	13.53156	0.00415727	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
40 556809.4, 3777373.38	13.73451	0.004219622	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
41 556829.4, 3777373.38	13.98904	0.004297821	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
42 556849.4, 3777373.38	14.09101	0.004329149	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.5E-09	1.1E-07	5.7E-08	5.1E-08	1.6E-08	2.4E-07
43 556869.4, 3777373.38	13.88365	0.004265442	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.3E-07
44 556889.4, 3777373.38	13.26022	0.004073907	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
45 556909.4, 3777373.38	12.31148	0.003782428	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.0E-09	9.6E-08	4.9E-08	4.5E-08	1.4E-08	2.1E-07
46 556929.4, 3777373.38	11.18677	0.003436886	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
47 556949.4, 3777373.38	10.05939	0.003090524	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.2E-09	7.8E-08	4.0E-08	3.7E-08	1.1E-08	1.7E-07
48 556969.4, 3777373.38	9.03971	0.00277725	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	2.9E-09	7.0E-08	3.6E-08	3.3E-08	1.0E-08	1.5E-07
49 556989.4, 3777373.38	8.17006	0.002510069	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-09	6.4E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
50 557009.4, 3777373.38	7.45511	0.002290417	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.3E-07
51 557029.4, 3777373.38	6.88188	0.002114304	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
52 557049.4, 3777373.38	6.40397	0.001967477	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-09	5.0E-08	2.6E-08	2.3E-08	7.1E-09	1.1E-07
53 557069.4, 3777373.38	5.98831	0.001839775	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
54 557089.4, 3777373.38	5.62574	0.001728383	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.8E-09	4.4E-08	2.3E-08	2.0E-08	6.2E-09	9.5E-08
55 557109.4, 3777373.38	5.29699	0.001627382	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.9E-08
56 557129.4, 3777373.38	4.99441	0.001534421	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
57 557149.4, 3777373.38	4.71259	0.001447838	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
58 557169.4, 3777373.38	4.45093	0.001367449	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
59 557189.4, 3777373.38	4.2099	0.001293398	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
60 557209.4, 3777373.38	3.98219	0.001223439	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.4E-09	6.7E-08
61 557229.4, 3777373.38	3.76481	0.001156654	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
62 557249.4, 3777373.38	3.5597	0.001093639	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.1E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
63 557269.4, 3777373.38	3.36674	0.001034356	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.4E-08	1.2E-08	3.7E-09	5.7E-08
64 557289.4, 3777373.38	3.19047	0.000980201	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.4E-08
65 557309.4, 3777373.38	3.02709	0.000930006	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	9.8E-10	2.4E-08	1.2E-08	1.1E-08	3.3E-09	5.1E-08
66 557329.4, 3777373.38	2.86941	0.000881562	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.3E-10	2.2E-08	1.2E-08	1.0E-08	3.2E-09	4.8E-08
67 557349.4, 3777373.38	2.72733	0.000837911	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	3.0E-09	4.6E-08
68 557369.4, 3777373.38	2.59203	0.000796343	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.4E-09	2.9E-09	4.4E-08
69 557389.4, 3777373.38	2.46584	0.000757574	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.0E-10	1.9E-08	9.9E-09	9.0E-09	2.7E-09	4.2E-08
70 557409.4, 3777373.38	2.348	0.000721371	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.5E-09	2.6E-09	4.0E-08
71 557429.4, 3777373.38	2.23563	0.000686848	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.2E-10	1.7E-08	9.0E-09	8.1E-09	2.5E-09	3.8E-08
72 557449.4, 3777373.38	2.13334	0.000655421	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	2.4E-09	3.6E-08
73 557469.4, 3777373.38	2.03583	0.000625463	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.4E-09	2.2E-09	3.4E-08
74 557489.4, 3777373.38	1.94053	0.000596185	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.8E-09	7.1E-09	2.1E-09	3.3E-08
75 556509.4, 3777393.38	4.52478	0.001390138	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
76 556529.4, 3777393.38	4.96861	0.001526495	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
77 556549.4, 3777393.38	5.47715	0.001682732	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.0E-09	9.2E-08
78 556569.4, 3777393.38	6.05622	0.001860639	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.0E-09	4.7E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
79 556589.4, 3777393.38	6.72151	0.002065034	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.2E-09	5.2E-08	2.7E-08	2.4E-08	7.4E-09	1.1E-07

80	556609.4, 3777393.38	7.45718	0.002291052	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.3E-07
81	556629.4, 3777393.38	8.25763	0.002536973	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	2.7E-09	6.4E-08	3.3E-08	3.0E-08	9.1E-09	1.4E-07
82	556649.4, 3777393.38	9.06161	0.002783978	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	2.9E-09	7.1E-08	3.6E-08	3.3E-08	1.0E-08	1.5E-07
83	556669.4, 3777393.38	9.81914	0.003016712	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.2E-09	7.7E-08	3.9E-08	3.6E-08	1.1E-08	1.7E-07
84	556689.4, 3777393.38	10.44793	0.003209894	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.4E-09	8.1E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
85	556709.4, 3777393.38	10.8841	0.003343897	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.5E-09	8.5E-08	4.4E-08	4.0E-08	1.2E-08	1.8E-07
86	556729.4, 3777393.38	11.07616	0.003402903	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.6E-09	8.6E-08	4.4E-08	4.0E-08	1.2E-08	1.9E-07
87	556749.4, 3777393.38	11.11214	0.003413958	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.6E-09	8.7E-08	4.5E-08	4.0E-08	1.2E-08	1.9E-07
88	556769.4, 3777393.38	11.09023	0.003407226	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.6E-09	8.6E-08	4.5E-08	4.0E-08	1.2E-08	1.9E-07
89	556789.4, 3777393.38	11.1448	0.003423992	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.6E-09	8.7E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
90	556809.4, 3777393.38	11.32764	0.003480165	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	3.7E-09	8.8E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
91	556829.4, 3777393.38	11.53697	0.003544477	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
92	556849.4, 3777393.38	11.61444	0.003568278	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	3.7E-09	9.1E-08	4.7E-08	4.2E-08	1.3E-08	2.0E-07
93	556869.4, 3777393.38	11.48835	0.00352954	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
94	556889.4, 3777393.38	11.11346	0.003414363	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.6E-09	8.7E-08	4.5E-08	4.0E-08	1.2E-08	1.9E-07
95	556909.4, 3777393.38	10.45679	0.003212616	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
96	556929.4, 3777393.38	9.6552	0.002966345	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.1E-09	7.5E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
97	556949.4, 3777393.38	8.7755	0.002696077	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.8E-09	6.8E-08	3.5E-08	3.2E-08	9.7E-09	1.5E-07
98	556969.4, 3777393.38	7.95651	0.00244446	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
99	556989.4, 3777393.38	7.22983	0.002221204	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.3E-09	5.6E-08	2.9E-08	2.6E-08	8.0E-09	1.2E-07
100	557009.4, 3777393.38	6.61346	0.002031838	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.1E-09	5.2E-08	2.7E-08	2.4E-08	7.3E-09	1.1E-07
101	557029.4, 3777393.38	6.09712	0.001873204	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.0E-09	4.8E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
102	557049.4, 3777393.38	5.67444	0.001743345	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.8E-09	4.4E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
103	557069.4, 3777393.38	5.32058	0.00163463	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.9E-09	9.0E-08
104	557089.4, 3777393.38	5.01562	0.001540938	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.5E-08
105	557109.4, 3777393.38	4.74644	0.001458238	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
106	557129.4, 3777393.38	4.49182	0.001380012	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
107	557149.4, 3777393.38	4.26615	0.00131068	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
108	557169.4, 3777393.38	4.0487	0.001243873	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.8E-08
109	557189.4, 3777393.38	3.84582	0.001181543	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.5E-08
110	557209.4, 3777393.38	3.6607	0.001124669	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.0E-09	6.2E-08
111	557229.4, 3777393.38	3.48371	0.001070292	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.8E-09	5.9E-08
112	557249.4, 3777393.38	3.3103	0.001017016	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.6E-09	5.6E-08
113	557269.4, 3777393.38	3.14893	0.000967439	3.3E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.0E-09	2.5E-08	1.3E-08	1.1E-08	3.5E-09	5.3E-08
114	557289.4, 3777393.38	2.99547	0.000920291	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	9.7E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.1E-08
115	557309.4, 3777393.38	2.84732	0.000874776	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
116	557329.4, 3777393.38	2.7157	0.000834338	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	3.0E-09	4.6E-08
117	557349.4, 3777393.38	2.58871	0.000795323	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.4E-09	2.9E-09	4.4E-08
118	557369.4, 3777393.38	2.46995	0.000758837	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.0E-10	1.9E-08	9.9E-09	9.0E-09	2.7E-09	4.2E-08
119	557389.4, 3777393.38	2.35782	0.000724388	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.5E-09	8.6E-09	2.6E-09	4.0E-08
120	557409.4, 3777393.38	2.25002	0.000691269	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.0E-09	8.2E-09	2.5E-09	3.8E-08
121	557429.4, 3777393.38	2.14963	0.000660426	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	2.4E-09	3.6E-08
122	557449.4, 3777393.38	2.05655	0.000631829	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.3E-09	7.5E-09	2.3E-09	3.5E-08
123	557469.4, 3777393.38	1.96622	0.000604077	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.9E-09	7.2E-09	2.2E-09	3.3E-08
124	557489.4, 3777393.38	1.8788	0.000577219	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.1E-10	1.5E-08	7.5E-09	6.8E-09	2.1E-09	3.2E-08
125	556509.4, 3777413.38	4.36322	0.001340502	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
126	556529.4, 3777413.38	4.77485	0.001466966	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.3E-09	8.1E-08
127	556549.4, 3777413.38	5.2425	0.001610641	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.8E-08
128	556569.4, 3777413.38	5.76753	0.001771945	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.4E-09	9.7E-08
129	556589.4, 3777413.38	6.34681	0.001949916	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	7.0E-09	1.1E-07
130	556609.4, 3777413.38	6.96716	0.002140505	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.7E-09	1.2E-07
131	556629.4, 3777413.38	7.60536	0.002336577	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.5E-09	5.9E-08	3.1E-08	2.8E-08	8.4E-09	1.3E-07
132	556649.4, 3777413.38	8.19978	0.0025192	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-09	6.4E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
133	556669.4, 3777413.38	8.7133	0.002676967	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	2.8E-09	6.8E-08	3.5E-08	3.2E-08	9.6E-09	1.5E-07
134	556689.4, 3777413.38	9.08387	0.002790817	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	2.9E-09	7.1E-08	3.6E-08	3.3E-08	1.0E-08	1.5E-07
135	556709.4, 3777413.38	9.28561	0.002852797	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.0E-09	7.2E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
136	556729.4, 3777413.38	9.33162	0.002866932	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.0E-09	7.3E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
137	556749.4, 3777413.38	9.29704	0.002856308	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.0E-09	7.3E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
138	556769.4, 3777413.38	9.30391	0.002858419	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.0E-09	7.3E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
139	556789.4, 3777413.38	9.37515	0.002880306	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.0E-09	7.3E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
140	556809.4, 3777413.38	9.54267	0.002931773	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	3.1E-09	7.4E-08	3.8E-08	3.5E-08	1.1E-08	1.6E-07
141	556829.4, 3777413.38	9.7045	0.002981491	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
142	556849.4, 3777413.38	9.77787	0.003004033	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.2E-09	7.6E-08	3.9E-08	3.6E-08	1.1E-08	1.7E-07
143	556869.4, 3777413.38	9.7193	0.002986038	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
144	556889.4, 3777413.38	9.45374	0.002904451	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.1E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
145	556909.4, 3777413.38	9.00455	0.002766447	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	2.9E-09	7.0E-08	3.6E-08	3.3E-08	9.9E-09	1.5E-07
146	556929.4, 3777413.38	8.43216	0.002590593	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	2.7E-09	6.6E-08	3.4E-08	3.1E-08	9.3E-09	1.4E-07
147	556949.4, 3777413.38	7.74378	0.002379104	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.5E-09	6.0E-08	3.1E-08	2.8E-08	8.5E-09	1.3E-07
148	556969.4, 3777413.38	7.07502	0.002173642	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
149	556989.4, 3777413.38	6.45762	0.00198396	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-09	5.0E-08	2.6E-08	2.4E-08	7.1E-09	1.1E-07
150	557009.4, 3777413.38	5.92404	0.001820029	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.6E-08	2.4E-08	2.2E-08	6.5E-09	1.0E-07
151	557029.4, 3777413.38	5.46456	0.001678864	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.0E-09	9.2E-08
152	557049.4, 3777413.38	5.08637	0.001562674	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.6E-09	4.0E-08	2.0E-08	1.9E-08	5.6E-09	8.6E-08
153	557069.4, 3777413.38	4.77097	0.001465774	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.3E-09	8.1E-08
154	557089.4, 3777413.38	4.50285	0.0013834	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
155	557109.4, 3777413.38	4.27226	0.001312557	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
156	557129.4, 3777413.38	4.05448	0.001245649	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.8E-08
157	557149.4, 3777413.38	3.86878	0.001188596	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.5E-08
158	557169.4, 3777413.38	3.68639	0.001132561	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.1E-09	6.2E-08
159	557189.4, 3777413.38	3.51966	0.001081337	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.9E-09	5.9E-08
160	557209.4, 3777413.38	3.36491	0.001033794	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.4E-08	1.2E-08	3.7E-09	5.7E-08
161	557229.4, 3777413.38	3.21318	0.000987178	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.4E-08
162	557249.4, 3777413.38	3.06944	0.000943017	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
163	557269.4, 3777413.38	2.93352	0.000901259	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	9.5E-10	2.3E-08	1.2E-08	1.1E-08	3.2E-09	5.0E-08
164	557289.4, 3777413.38	2.80346	0.000861301	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	9.1E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.7E-08
165	557309.4, 3777413.38	2.67928	0.000823149	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	8.7E-10	2.1E-08	1.1E-08	9.8E-09	3.0E-09	4.5E-08
166	557329.4, 3777413.38	2.55956	0.000786368	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	8.3E-10	2.0E-08	1.0E-08	9.3E-09	2.8E-09	4.3E-08

167	557349.4, 3777413.38	2.45129	0.000753104	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	2.7E-09	4.1E-08
168	557369.4, 3777413.38	2.34296	0.000719822	2.5E-07	7.5E-07	4.4E-07	3.9E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.5E-09	2.6E-09	4.0E-08
169	557389.4, 3777413.38	2.24506	0.000689745	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	7.2E-10	1.8E-08	9.0E-09	8.2E-09	2.5E-09	3.8E-08
170	557409.4, 3777413.38	2.15127	0.00066093	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	2.4E-09	3.6E-08
171	557429.4, 3777413.38	2.05756	0.000632139	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.3E-09	7.5E-09	2.3E-09	3.5E-08
172	557449.4, 3777413.38	1.97299	0.000606157	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	7.9E-09	7.2E-09	2.2E-09	3.3E-08
173	557469.4, 3777413.38	1.89393	0.000581868	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.1E-10	1.5E-08	7.6E-09	6.9E-09	2.1E-09	3.2E-08
174	557489.4, 3777413.38	1.81531	0.000557714	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.6E-09	2.0E-09	3.1E-08
175	556509.4, 3777433.38	4.20246	0.001291112	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
176	556529.4, 3777433.38	4.5813	0.001407502	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	5.1E-09	7.7E-08
177	556549.4, 3777433.38	5.00352	0.00153722	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
178	556569.4, 3777433.38	5.46551	0.001679156	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.0E-09	9.2E-08
179	556589.4, 3777433.38	5.96609	0.001832948	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
180	556609.4, 3777433.38	6.47594	0.001989588	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.1E-09	1.1E-07
181	556629.4, 3777433.38	6.96519	0.0021399	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.7E-09	1.2E-07
182	556649.4, 3777433.38	7.39024	0.002270487	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.1E-09	1.2E-07
183	556669.4, 3777433.38	7.71093	0.002369012	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-09	6.0E-08	3.1E-08	2.8E-08	8.5E-09	1.3E-07
184	556689.4, 3777433.38	7.91067	0.002430377	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
185	556709.4, 3777433.38	7.97384	0.002449785	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
186	556729.4, 3777433.38	7.95963	0.002445419	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
187	556749.4, 3777433.38	7.91585	0.002431969	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.7E-09	1.3E-07
188	556769.4, 3777433.38	7.9403	0.00243948	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	2.6E-09	6.2E-08	3.2E-08	2.9E-08	8.8E-09	1.3E-07
189	556789.4, 3777433.38	8.02153	0.002464436	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.8E-09	1.4E-07
190	556809.4, 3777433.38	8.15748	0.002506204	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-09	6.4E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
191	556829.4, 3777433.38	8.28943	0.002546743	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.7E-09	6.5E-08	3.3E-08	3.0E-08	9.1E-09	1.4E-07
192	556849.4, 3777433.38	8.34483	0.002563763	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	2.7E-09	6.5E-08	3.4E-08	3.0E-08	9.2E-09	1.4E-07
193	556869.4, 3777433.38	8.3141	0.002554322	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	2.7E-09	6.5E-08	3.3E-08	3.0E-08	9.2E-09	1.4E-07
194	556889.4, 3777433.38	8.13925	0.002500603	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.6E-09	6.3E-08	3.3E-08	3.0E-08	9.0E-09	1.4E-07
195	556909.4, 3777433.38	7.82849	0.002405129	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.5E-09	6.1E-08	3.1E-08	2.8E-08	8.6E-09	1.3E-07
196	556929.4, 3777433.38	7.39528	0.002272035	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.2E-09	1.2E-07
197	556949.4, 3777433.38	6.88713	0.002115917	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
198	556969.4, 3777433.38	6.33983	0.001947772	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	7.0E-09	1.1E-07
199	556989.4, 3777433.38	5.8164	0.001786959	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.4E-09	9.8E-08
200	557009.4, 3777433.38	5.36264	0.001647552	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.7E-09	4.2E-08	2.2E-08	2.0E-08	5.9E-09	9.1E-08
201	557029.4, 3777433.38	4.95523	0.001522384	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
202	557049.4, 3777433.38	4.6133	0.001417334	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-09	3.6E-08	1.9E-08	1.7E-08	5.1E-09	7.8E-08
203	557069.4, 3777433.38	4.32159	0.001327712	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.4E-09	3.4E-08	1.7E-08	1.6E-08	4.8E-09	7.3E-08
204	557089.4, 3777433.38	4.07616	0.001252309	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.9E-08
205	557109.4, 3777433.38	3.86914	0.001188707	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.5E-08
206	557129.4, 3777433.38	3.6809	0.001130875	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.1E-09	6.2E-08
207	557149.4, 3777433.38	3.51869	0.001081039	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.9E-09	5.9E-08
208	557169.4, 3777433.38	3.36188	0.001032863	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.7E-08
209	557189.4, 3777433.38	3.22276	0.000990121	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.6E-09	5.4E-08
210	557209.4, 3777433.38	3.09193	0.000949927	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.0E-09	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
211	557229.4, 3777433.38	2.96147	0.000909846	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.6E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.0E-08
212	557249.4, 3777433.38	2.84412	0.000873793	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
213	557269.4, 3777433.38	2.72818	0.000838173	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	3.0E-09	4.6E-08
214	557289.4, 3777433.38	2.6151	0.000803431	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.1E-08	9.5E-09	2.9E-09	4.4E-08
215	557309.4, 3777433.38	2.5122	0.000771818	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.1E-10	2.0E-08	1.0E-08	9.1E-09	2.8E-09	4.2E-08
216	557329.4, 3777433.38	2.40837	0.000739918	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	7.8E-10	1.9E-08	9.7E-09	8.8E-09	2.7E-09	4.1E-08
217	557349.4, 3777433.38	2.30647	0.000708612	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.4E-10	1.8E-08	9.3E-09	8.4E-09	2.5E-09	3.9E-08
218	557369.4, 3777433.38	2.2148	0.000680448	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.2E-10	1.7E-08	8.9E-09	8.1E-09	2.4E-09	3.7E-08
219	557389.4, 3777433.38	2.13262	0.0006552	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	2.4E-09	3.6E-08
220	557409.4, 3777433.38	2.05004	0.000629829	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.5E-09	2.3E-09	3.5E-08
221	557429.4, 3777433.38	1.96484	0.000603653	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.9E-09	7.2E-09	2.2E-09	3.3E-08
222	557449.4, 3777433.38	1.8888	0.000580292	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.1E-10	1.5E-08	7.6E-09	6.9E-09	2.1E-09	3.2E-08
223	557469.4, 3777433.38	1.81589	0.000557892	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.6E-09	2.0E-09	3.1E-08
224	557489.4, 3777433.38	1.74636	0.00053653	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.4E-09	1.9E-09	2.9E-08
225	556509.4, 3777453.38	4.04279	0.001242057	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.8E-08
226	556529.4, 3777453.38	4.38942	0.001348552	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
227	556549.4, 3777453.38	4.76962	0.00146536	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.3E-09	8.1E-08
228	556569.4, 3777453.38	5.17032	0.001588466	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
229	556589.4, 3777453.38	5.58655	0.001716343	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-09	4.4E-08	2.2E-08	2.0E-08	6.2E-09	9.4E-08
230	556609.4, 3777453.38	5.98655	0.001839234	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
231	556629.4, 3777453.38	6.35097	0.001951194	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.1E-09	5.0E-08	2.6E-08	2.3E-08	7.0E-09	1.1E-07
232	556649.4, 3777453.38	6.63423	0.002038219	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.1E-09	5.2E-08	2.7E-08	2.4E-08	7.3E-09	1.1E-07
233	556669.4, 3777453.38	6.81566	0.00209396	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.2E-09	5.3E-08	2.7E-08	2.5E-08	7.5E-09	1.2E-07
234	556689.4, 3777453.38	6.89765	0.002119149	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
235	556709.4, 3777453.38	6.89209	0.002117441	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
236	556729.4, 3777453.38	6.86015	0.002107628	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.3E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
237	556749.4, 3777453.38	6.83947	0.002101275	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.3E-08	2.7E-08	2.5E-08	7.5E-09	1.2E-07
238	556769.4, 3777453.38	6.87044	0.00211079	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
239	556789.4, 3777453.38	6.95467	0.002136667	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.7E-09	1.2E-07
240	556809.4, 3777453.38	7.07064	0.002172297	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
241	556829.4, 3777453.38	7.1849	0.002207401	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.3E-09	5.6E-08	2.9E-08	2.6E-08	7.9E-09	1.2E-07
242	556849.4, 3777453.38	7.2358	0.002223038	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.3E-09	5.6E-08	2.9E-08	2.6E-08	8.0E-09	1.2E-07
243	556869.4, 3777453.38	7.22196	0.002218786	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	2.3E-09	5.6E-08	2.9E-08	2.6E-08	8.0E-09	1.2E-07
244	556889.4, 3777453.38	7.08616	0.002177065	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
245	556909.4, 3777453.38	6.86602	0.002109432	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.2E-09	5.4E-08	2.8E-08	2.5E-08	7.6E-09	1.2E-07
246	556929.4, 3777453.38	6.53221	0.002006876	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.2E-09	1.1E-07
247	556949.4, 3777453.38	6.14419	0.001887666	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.0E-09	4.8E-08	2.5E-08	2.2E-08	6.8E-09	1.0E-07
248	556969.4, 3777453.38	5.7141	0.00175553	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.8E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
249	556989.4, 3777453.38	5.28014	0.001622205	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.9E-08
250	557009.4, 3777453.38	4.87461	0.001497615	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.7E-07	1.6E-09	3.8E-08	2.0E-08	1.8E-08	5.4E-09	8.2E-08
251	557029.4, 3777453.38	4.51605	0.001387456	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
252	557049.4, 3777453.38	4.20636	0.00129231	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
253	557069.4, 3777453.38	3.94503	0.001212023	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.3E-09	6.7E-08

254	557089.4, 3777453.38	3.72033	0.001142989	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.1E-09	6.3E-08
255	557109.4, 3777453.38	3.53027	0.001084597	3.8E-07	1.1E-06	6.6E-07	5.9E-07	2.7E-07	1.1E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
256	557129.4, 3777453.38	3.36177	0.001032829	3.6E-07	1.1E-06	6.2E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.7E-08
257	557149.4, 3777453.38	3.21671	0.000988263	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.4E-08
258	557169.4, 3777453.38	3.07715	0.000945386	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	9.9E-10	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
259	557189.4, 3777453.38	2.95622	0.000908233	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.5E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.0E-08
260	557209.4, 3777453.38	2.84533	0.000874164	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
261	557229.4, 3777453.38	2.73419	0.000840019	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	1.0E-08	3.0E-09	4.6E-08
262	557249.4, 3777453.38	2.63477	0.000809474	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	8.5E-10	2.1E-08	1.1E-08	9.6E-09	2.9E-09	4.4E-08
263	557269.4, 3777453.38	2.53512	0.000778859	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	8.2E-10	2.0E-08	1.0E-08	9.2E-09	2.8E-09	4.3E-08
264	557289.4, 3777453.38	2.4393	0.000749421	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	2.7E-09	4.1E-08
265	557309.4, 3777453.38	2.34999	0.000721982	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.6E-09	2.6E-09	4.0E-08
266	557329.4, 3777453.38	2.26186	0.000694906	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.2E-09	2.5E-09	3.8E-08
267	557349.4, 3777453.38	2.1779	0.000669111	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.0E-10	1.7E-08	8.7E-09	7.9E-09	2.4E-09	3.7E-08
268	557369.4, 3777453.38	2.09291	0.000643	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.8E-10	1.6E-08	8.4E-09	7.6E-09	2.3E-09	3.5E-08
269	557389.4, 3777453.38	2.01623	0.000619442	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.6E-07	6.5E-10	1.6E-08	8.1E-09	7.3E-09	2.2E-09	3.4E-08
270	557409.4, 3777453.38	1.94609	0.000597893	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.8E-09	7.1E-09	2.1E-09	3.3E-08
271	557429.4, 3777453.38	1.87443	0.000575877	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.1E-10	1.5E-08	7.5E-09	6.8E-09	2.1E-09	3.2E-08
272	557449.4, 3777453.38	1.80582	0.000554798	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.3E-09	6.6E-09	2.0E-09	3.0E-08
273	557469.4, 3777453.38	1.73919	0.000534327	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.3E-09	1.9E-09	2.9E-08
274	557489.4, 3777453.38	1.67446	0.000514441	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	1.8E-09	2.8E-08
275	556509.4, 3777473.38	3.88546	0.001193721	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
276	556529.4, 3777473.38	4.1948	0.001288759	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
277	556549.4, 3777473.38	4.52679	0.001390755	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
278	556569.4, 3777473.38	4.87327	0.001497204	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.7E-07	1.6E-09	3.8E-08	2.0E-08	1.8E-08	5.4E-09	8.2E-08
279	556589.4, 3777473.38	5.20563	0.001599314	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.7E-09	8.8E-08
280	556609.4, 3777473.38	5.50846	0.001692352	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.3E-08
281	556629.4, 3777473.38	5.75983	0.001769579	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.4E-09	9.7E-08
282	556649.4, 3777473.38	5.93739	0.001824131	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.6E-08	2.4E-08	2.2E-08	6.5E-09	1.0E-07
283	556669.4, 3777473.38	6.02449	0.00185089	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
284	556689.4, 3777473.38	6.03694	0.001854715	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
285	556709.4, 3777473.38	6.00947	0.001846276	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
286	556729.4, 3777473.38	5.98014	0.001837265	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
287	556749.4, 3777473.38	5.97121	0.001834521	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
288	556769.4, 3777473.38	6.01698	0.001848583	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
289	556789.4, 3777473.38	6.0959	0.00187283	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.0E-09	4.8E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
290	556809.4, 3777473.38	6.19649	0.001903734	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.0E-09	4.8E-08	2.5E-08	2.3E-08	6.8E-09	1.0E-07
291	556829.4, 3777473.38	6.28628	0.00193132	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
292	556849.4, 3777473.38	6.33815	0.001947255	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	7.0E-09	1.1E-07
293	556869.4, 3777473.38	6.33277	0.001945603	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	7.0E-09	1.1E-07
294	556889.4, 3777473.38	6.23371	0.001915169	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
295	556909.4, 3777473.38	6.07387	0.001866061	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.0E-09	4.7E-08	2.4E-08	2.2E-08	6.7E-09	1.0E-07
296	556929.4, 3777473.38	5.83093	0.001791423	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	1.9E-09	4.5E-08	2.3E-08	2.1E-08	6.4E-09	9.8E-08
297	556949.4, 3777473.38	5.52692	0.001698023	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.3E-08
298	556969.4, 3777473.38	5.18121	0.001591811	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
299	556989.4, 3777473.38	4.82262	0.001481643	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.6E-09	3.8E-08	1.9E-08	1.8E-08	5.3E-09	8.1E-08
300	557009.4, 3777473.38	4.47747	0.001375603	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.6E-08
301	557029.4, 3777473.38	4.15683	0.001277093	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	4.6E-09	7.0E-08
302	557049.4, 3777473.38	3.87243	0.001189718	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.5E-08
303	557069.4, 3777473.38	3.63123	0.001115615	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	4.0E-09	6.1E-08
304	557089.4, 3777473.38	3.42073	0.001050943	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.1E-09	2.7E-08	1.4E-08	1.2E-08	3.8E-09	5.8E-08
305	557109.4, 3777473.38	3.24425	0.000996724	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.6E-09	5.5E-08
306	557129.4, 3777473.38	3.08742	0.000948541	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.0E-09	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
307	557149.4, 3777473.38	2.95645	0.000908303	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.5E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.0E-08
308	557169.4, 3777473.38	2.83123	0.000869832	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.1E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
309	557189.4, 3777473.38	2.72296	0.000836569	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	3.0E-09	4.6E-08
310	557209.4, 3777473.38	2.62418	0.000806221	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	8.5E-10	2.0E-08	1.1E-08	9.6E-09	2.9E-09	4.4E-08
311	557229.4, 3777473.38	2.52918	0.000777034	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	8.2E-10	2.0E-08	1.0E-08	9.2E-09	2.8E-09	4.3E-08
312	557249.4, 3777473.38	2.44321	0.000750622	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	2.7E-09	4.1E-08
313	557269.4, 3777473.38	2.35688	0.000724099	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.5E-09	8.6E-09	2.6E-09	4.0E-08
314	557289.4, 3777473.38	2.27473	0.00069886	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.3E-09	2.5E-09	3.8E-08
315	557309.4, 3777473.38	2.19726	0.000675059	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.8E-09	8.0E-09	2.4E-09	3.7E-08
316	557329.4, 3777473.38	2.12269	0.000652149	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.5E-09	7.7E-09	2.3E-09	3.6E-08
317	557349.4, 3777473.38	2.04887	0.00062947	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.5E-09	2.3E-09	3.5E-08
318	557369.4, 3777473.38	1.97825	0.000607773	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	7.9E-09	7.2E-09	2.2E-09	3.3E-08
319	557389.4, 3777473.38	1.90869	0.000586402	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	6.9E-09	2.1E-09	3.2E-08
320	557409.4, 3777473.38	1.84448	0.000566675	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.4E-09	6.7E-09	2.0E-09	3.1E-08
321	557429.4, 3777473.38	1.77991	0.000546838	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.5E-09	2.0E-09	3.0E-08
322	557449.4, 3777473.38	1.72199	0.000529043	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.3E-08	6.9E-09	6.3E-09	1.9E-09	2.9E-08
323	557469.4, 3777473.38	1.66242	0.000510742	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	1.8E-09	2.8E-08
324	557489.4, 3777473.38	1.60454	0.000492959	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
325	556509.4, 3777493.38	3.7291	0.001145683	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.1E-09	6.3E-08
326	556529.4, 3777493.38	4.00898	0.00123167	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	4.4E-09	6.8E-08
327	556549.4, 3777493.38	4.29369	0.001319141	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
328	556569.4, 3777493.38	4.56551	0.001402651	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.5E-09	3.6E-08	1.8E-08	1.7E-08	5.0E-09	7.7E-08
329	556589.4, 3777493.38	4.82363	0.001481953	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.6E-09	3.8E-08	1.9E-08	1.8E-08	5.3E-09	8.1E-08
330	556609.4, 3777493.38	5.04781	0.001550827	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.6E-09	8.5E-08
331	556629.4, 3777493.38	5.20797	0.001600033	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.7E-09	8.8E-08
332	556649.4, 3777493.38	5.30324	0.001629302	5.6E-07	1.7E-06	9.9E-07	8.9E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	9.0E-08
333	556669.4, 3777493.38	5.33999	0.001640593	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.7E-09	4.2E-08	2.1E-08	1.9E-08	5.9E-09	9.0E-08
334	556689.4, 3777493.38	5.3211	0.001634789	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.9E-09	9.0E-08
335	556709.4, 3777493.38	5.28657	0.001624181	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.9E-08
336	556729.4, 3777493.38	5.27051	0.001619247	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.9E-08
337	556749.4, 3777493.38	5.27348	0.001620159	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.9E-08
338	556769.4, 3777493.38	5.32515	0.001636034	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.7E-09	4.2E-08	2.1E-08	1.9E-08	5.9E-09	9.0E-08
339	556789.4, 3777493.38	5.3974	0.001658231	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.7E-09	4.2E-08	2.2E-08	2.0E-08	6.0E-09	9.1E-08
340	556809.4, 3777493.38	5.47745	0.001682825	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.0E-09	9.2E-08

341	556829.4, 3777493.38	5.55588	0.00170692	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.4E-08
342	556849.4, 3777493.38	5.59534	0.001719044	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-09	4.4E-08	2.2E-08	2.0E-08	6.2E-09	9.4E-08
343	556869.4, 3777493.38	5.597	0.001719554	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	1.8E-09	4.4E-08	2.2E-08	2.0E-08	6.2E-09	9.4E-08
344	556889.4, 3777493.38	5.5311	0.001699307	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	1.8E-09	4.3E-08	2.2E-08	2.0E-08	6.1E-09	9.3E-08
345	556909.4, 3777493.38	5.41275	0.001662947	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.7E-09	4.2E-08	2.2E-08	2.0E-08	6.0E-09	9.1E-08
346	556929.4, 3777493.38	5.22781	0.001606128	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.7E-09	4.1E-08	2.1E-08	1.9E-08	5.8E-09	8.8E-08
347	556949.4, 3777493.38	4.99175	0.001533604	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
348	556969.4, 3777493.38	4.71234	0.001447762	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
349	556989.4, 3777493.38	4.42018	0.001358002	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
350	557009.4, 3777493.38	4.12772	0.00126815	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	4.6E-09	7.0E-08
351	557029.4, 3777493.38	3.84502	0.001181297	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.5E-08
352	557049.4, 3777493.38	3.58769	0.001102238	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.2E-09	2.8E-08	1.4E-08	1.3E-08	4.0E-09	6.1E-08
353	557069.4, 3777493.38	3.36385	0.001033468	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.1E-09	2.6E-08	1.4E-08	1.2E-08	3.7E-09	5.7E-08
354	557089.4, 3777493.38	3.16611	0.000972717	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.3E-08
355	557109.4, 3777493.38	3.00228	0.000922384	3.2E-07	9.6E-07	5.6E-07	5.1E-07	2.3E-07	9.7E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.1E-08
356	557129.4, 3777493.38	2.85542	0.000877264	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
357	557149.4, 3777493.38	2.73073	0.000838956	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	3.0E-09	4.6E-08
358	557169.4, 3777493.38	2.61902	0.000804636	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	8.5E-10	2.0E-08	1.1E-08	9.5E-09	2.9E-09	4.4E-08
359	557189.4, 3777493.38	2.51683	0.00077324	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.1E-10	2.0E-08	1.0E-08	9.2E-09	2.8E-09	4.2E-08
360	557209.4, 3777493.38	2.42942	0.000746385	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.8E-10	1.9E-08	9.8E-09	8.8E-09	2.7E-09	4.1E-08
361	557229.4, 3777493.38	2.34477	0.000720378	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.5E-09	2.6E-09	4.0E-08
362	557249.4, 3777493.38	2.26696	0.000696473	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.3E-09	2.5E-09	3.8E-08
363	557269.4, 3777493.38	2.19385	0.000674012	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.1E-10	1.7E-08	8.8E-09	8.0E-09	2.4E-09	3.7E-08
364	557289.4, 3777493.38	2.12293	0.000652223	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.5E-09	7.7E-09	2.3E-09	3.6E-08
365	557309.4, 3777493.38	2.05376	0.000630972	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.5E-09	2.3E-09	3.5E-08
366	557329.4, 3777493.38	1.98844	0.000610904	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	6.4E-10	1.6E-08	8.0E-09	7.2E-09	2.2E-09	3.4E-08
367	557349.4, 3777493.38	1.92562	0.000591604	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	2.1E-09	3.3E-08
368	557369.4, 3777493.38	1.86392	0.000572648	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.5E-08	7.5E-09	6.8E-09	2.1E-09	3.1E-08
369	557389.4, 3777493.38	1.80523	0.000554617	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.6E-09	2.0E-09	3.0E-08
370	557409.4, 3777493.38	1.74801	0.000537037	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.4E-09	1.9E-09	3.0E-08
371	557429.4, 3777493.38	1.68826	0.00051868	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.1E-09	1.9E-09	2.8E-08
372	557449.4, 3777493.38	1.63565	0.000502517	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
373	557469.4, 3777493.38	1.58548	0.000487103	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.4E-09	5.8E-09	1.7E-09	2.7E-08
374	557489.4, 3777493.38	1.53437	0.000471401	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.6E-09	1.7E-09	2.6E-08
375	556509.4, 3777513.38	3.57176	0.001097344	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.2E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
376	556529.4, 3777513.38	3.81274	0.001171379	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
377	556549.4, 3777513.38	4.047	0.001243351	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.8E-08
378	556569.4, 3777513.38	4.27996	0.001314922	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
379	556589.4, 3777513.38	4.47207	0.001373944	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
380	556609.4, 3777513.38	4.61559	0.001418037	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-09	3.6E-08	1.9E-08	1.7E-08	5.1E-09	7.8E-08
381	556629.4, 3777513.38	4.71895	0.001449792	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
382	556649.4, 3777513.38	4.75951	0.001462253	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
383	556669.4, 3777513.38	4.75485	0.001460822	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
384	556689.4, 3777513.38	4.71958	0.001449986	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
385	556709.4, 3777513.38	4.69111	0.001441239	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	7.9E-08
386	556729.4, 3777513.38	4.68707	0.001439998	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	7.9E-08
387	556749.4, 3777513.38	4.70336	0.001445003	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	7.9E-08
388	556769.4, 3777513.38	4.75815	0.001461836	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
389	556789.4, 3777513.38	4.82417	0.001482119	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.6E-09	3.8E-08	1.9E-08	1.8E-08	5.3E-09	8.1E-08
390	556809.4, 3777513.38	4.88662	0.001501305	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	1.6E-09	3.8E-08	2.0E-08	1.8E-08	5.4E-09	8.2E-08
391	556829.4, 3777513.38	4.94812	0.0015202	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
392	556849.4, 3777513.38	4.98027	0.001530077	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
393	556869.4, 3777513.38	4.98518	0.001531586	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.4E-08
394	556889.4, 3777513.38	4.94307	0.001518648	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	1.6E-09	3.9E-08	2.0E-08	1.8E-08	5.5E-09	8.3E-08
395	556909.4, 3777513.38	4.84851	0.001489597	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	1.6E-09	3.8E-08	1.9E-08	1.8E-08	5.3E-09	8.2E-08
396	556929.4, 3777513.38	4.71246	0.001447798	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
397	556949.4, 3777513.38	4.52871	0.001391345	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.5E-09	3.5E-08	1.8E-08	1.6E-08	5.0E-09	7.6E-08
398	556969.4, 3777513.38	4.30442	0.001322437	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.4E-09	3.4E-08	1.7E-08	1.6E-08	4.7E-09	7.3E-08
399	556989.4, 3777513.38	4.06048	0.001247492	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.2E-08	1.6E-08	1.5E-08	4.5E-09	6.9E-08
400	557009.4, 3777513.38	3.81427	0.00117185	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
401	557029.4, 3777513.38	3.5682	0.00109625	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.2E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
402	557049.4, 3777513.38	3.34029	0.00102623	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.6E-08
403	557069.4, 3777513.38	3.13148	0.000962077	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.4E-08	1.3E-08	1.1E-08	3.5E-09	5.3E-08
404	557089.4, 3777513.38	2.94834	0.000905812	3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	9.5E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.0E-08
405	557109.4, 3777513.38	2.79137	0.000857586	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.0E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.7E-08
406	557129.4, 3777513.38	2.65491	0.000815662	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	8.6E-10	2.1E-08	1.1E-08	9.7E-09	2.9E-09	4.5E-08
407	557149.4, 3777513.38	2.53784	0.000779695	2.7E-07	8.1E-07	4.7E-07	4.3E-07	2.0E-07	8.2E-10	2.0E-08	1.0E-08	9.2E-09	2.8E-09	4.3E-08
408	557169.4, 3777513.38	2.43369	0.000747697	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	2.7E-09	4.1E-08
409	557189.4, 3777513.38	2.33889	0.000718572	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.5E-09	2.6E-09	3.9E-08
410	557209.4, 3777513.38	2.25885	0.000693981	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.2E-09	2.5E-09	3.8E-08
411	557229.4, 3777513.38	2.18053	0.000669919	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.0E-10	1.7E-08	8.8E-09	7.9E-09	2.4E-09	3.7E-08
412	557249.4, 3777513.38	2.11271	0.000649083	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	2.3E-09	3.6E-08
413	557269.4, 3777513.38	2.04627	0.000628671	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.4E-09	2.3E-09	3.5E-08
414	557289.4, 3777513.38	1.98286	0.00060919	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	8.0E-09	7.2E-09	2.2E-09	3.3E-08
415	557309.4, 3777513.38	1.92394	0.000591088	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	2.1E-09	3.2E-08
416	557329.4, 3777513.38	1.86666	0.00057349	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.5E-08	7.5E-09	6.8E-09	2.1E-09	3.2E-08
417	557349.4, 3777513.38	1.81053	0.000556245	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	5.8E-10	1.4E-08	7.3E-09	6.6E-09	2.0E-09	3.1E-08
418	557369.4, 3777513.38	1.75572	0.000539406	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	5.7E-10	1.4E-08	7.0E-09	6.4E-09	1.9E-09	3.0E-08
419	557389.4, 3777513.38	1.70411	0.00052355	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	1.9E-09	2.9E-08
420	557409.4, 3777513.38	1.65429	0.000508244	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
421	557429.4, 3777513.38	1.60325	0.000492563	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
422	557449.4, 3777513.38	1.5548	0.000477678	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.7E-09	1.7E-09	2.6E-08
423	557469.4, 3777513.38	1.50868	0.000463508	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.5E-08
424	557489.4, 3777513.38	1.46413	0.000449821	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.7E-10	1.1E-08	5.9E-09	5.3E-09	1.6E-09	2.5E-08
425	556509.4, 3777533.38	3.41235	0.001048369	3.6E-07	1.1E-06	6.3E-07	5.8E-07	2.6E-07	1.1E-09	2.7E-08	1.4E-08	1.2E-08	3.8E-09	5.8E-08
426	556529.4, 3777533.38	3.61858	0.001111728	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	4.0E-09	6.1E-08
427	556549.4, 3777533.38	3.81065	0.001170737	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08

428	556569.4, 3777533.38	3.98079	0.001223009	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.4E-09	6.7E-08
429	556589.4, 3777533.38	4.11657	0.001264724	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	4.5E-09	6.9E-08
430	556609.4, 3777533.38	4.2116	0.00129392	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
431	556629.4, 3777533.38	4.26187	0.001309365	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
432	556649.4, 3777533.38	4.26937	0.001311669	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
433	556669.4, 3777533.38	4.24263	0.001303454	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.7E-09	7.2E-08
434	556689.4, 3777533.38	4.21223	0.001294114	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
435	556709.4, 3777533.38	4.19671	0.001289346	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
436	556729.4, 3777533.38	4.2019	0.00129094	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
437	556749.4, 3777533.38	4.22867	0.001299165	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.5E-08	4.7E-09	7.1E-08
438	556769.4, 3777533.38	4.2794	0.00131475	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
439	556789.4, 3777533.38	4.34128	0.001333762	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.4E-09	3.4E-08	1.7E-08	1.6E-08	4.8E-09	7.3E-08
440	556809.4, 3777533.38	4.39283	0.001349599	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
441	556829.4, 3777533.38	4.44419	0.001365378	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
442	556849.4, 3777533.38	4.46581	0.001372021	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
443	556869.4, 3777533.38	4.46992	0.001373283	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
444	556889.4, 3777533.38	4.44346	0.001365154	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.5E-08
445	556909.4, 3777533.38	4.37479	0.001344057	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.4E-09	3.4E-08	1.8E-08	1.6E-08	4.8E-09	7.4E-08
446	556929.4, 3777533.38	4.2674	0.001311064	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
447	556949.4, 3777533.38	4.12191	0.001266365	4.4E-07	1.3E-06	7.7E-07	6.9E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	4.5E-09	7.0E-08
448	556969.4, 3777533.38	3.94032	0.001210576	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.3E-09	6.7E-08
449	556989.4, 3777533.38	3.73988	0.001148995	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.1E-09	6.3E-08
450	557009.4, 3777533.38	3.53174	0.001085048	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.1E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
451	557029.4, 3777533.38	3.31984	0.001019947	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.6E-08
452	557049.4, 3777533.38	3.11763	0.000957822	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.4E-08	1.3E-08	1.1E-08	3.4E-09	5.3E-08
453	557069.4, 3777533.38	2.92959	0.000900051	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.3E-07	9.5E-10	2.3E-08	1.2E-08	1.1E-08	3.2E-09	4.9E-08
454	557089.4, 3777533.38	2.75975	0.000847872	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	8.9E-10	2.2E-08	1.1E-08	1.0E-08	3.0E-09	4.7E-08
455	557109.4, 3777533.38	2.61099	0.000802169	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.5E-09	2.9E-09	4.4E-08
456	557129.4, 3777533.38	2.4833	0.000762939	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.0E-10	1.9E-08	1.0E-08	9.0E-09	2.7E-09	4.2E-08
457	557149.4, 3777533.38	2.37211	0.000728778	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-10	1.8E-08	9.5E-09	8.6E-09	2.6E-09	4.0E-08
458	557169.4, 3777533.38	2.27145	0.000697852	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.3E-09	2.5E-09	3.8E-08
459	557189.4, 3777533.38	2.1831	0.000670709	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	7.0E-10	1.7E-08	8.8E-09	7.9E-09	2.4E-09	3.7E-08
460	557209.4, 3777533.38	2.10845	0.000647774	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	2.3E-09	3.6E-08
461	557229.4, 3777533.38	2.03459	0.000625082	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.4E-09	2.2E-09	3.4E-08
462	557249.4, 3777533.38	1.97279	0.000606096	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	7.9E-09	7.2E-09	2.2E-09	3.3E-08
463	557269.4, 3777533.38	1.91246	0.000587561	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	2.1E-09	3.2E-08
464	557289.4, 3777533.38	1.85675	0.000570445	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.5E-09	6.8E-09	2.0E-09	3.1E-08
465	557309.4, 3777533.38	1.8038	0.000554177	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.6E-09	2.0E-09	3.0E-08
466	557329.4, 3777533.38	1.75294	0.000538552	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	5.7E-10	1.4E-08	7.0E-09	6.4E-09	1.9E-09	3.0E-08
467	557349.4, 3777533.38	1.70404	0.000523528	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	1.9E-09	2.9E-08
468	557369.4, 3777533.38	1.65562	0.000508652	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
469	557389.4, 3777533.38	1.60757	0.00049389	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	1.8E-09	2.7E-08
470	557409.4, 3777533.38	1.56424	0.000480578	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.6E-08
471	557429.4, 3777533.38	1.52021	0.000467051	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.6E-08
472	557449.4, 3777533.38	1.4782	0.000454144	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	5.9E-09	5.4E-09	1.6E-09	2.5E-08
473	557469.4, 3777533.38	1.43533	0.000440973	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.8E-09	5.2E-09	1.6E-09	2.4E-08
474	557489.4, 3777533.38	1.39434	0.00042838	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.4E-08
475	556509.4, 3777553.38	3.2531	0.000999443	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.1E-09	2.5E-08	1.3E-08	1.2E-08	3.6E-09	5.5E-08
476	556529.4, 3777553.38	3.42234	0.001051438	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.1E-09	2.7E-08	1.4E-08	1.2E-08	3.8E-09	5.8E-08
477	556549.4, 3777553.38	3.57119	0.001097169	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.2E-09	2.8E-08	1.4E-08	1.3E-08	3.9E-09	6.0E-08
478	556569.4, 3777553.38	3.69781	0.00113607	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.1E-09	6.2E-08
479	556589.4, 3777553.38	3.79041	0.001164519	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
480	556609.4, 3777553.38	3.84039	0.001179874	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.5E-08
481	556629.4, 3777553.38	3.85727	0.00118506	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.3E-09	6.5E-08
482	556649.4, 3777553.38	3.84601	0.001181601	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.5E-08
483	556669.4, 3777553.38	3.81065	0.001170737	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
484	556689.4, 3777553.38	3.78474	0.001162777	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
485	556709.4, 3777553.38	3.78007	0.001161342	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
486	556729.4, 3777553.38	3.7939	0.001165591	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
487	556749.4, 3777553.38	3.82107	0.001173939	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.2E-09	3.0E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
488	556769.4, 3777553.38	3.86993	0.00118895	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.2E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.5E-08
489	556789.4, 3777553.38	3.92706	0.001206502	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
490	556809.4, 3777553.38	3.97314	0.001220659	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.4E-09	6.7E-08
491	556829.4, 3777553.38	4.01282	0.00123285	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	4.4E-09	6.8E-08
492	556849.4, 3777553.38	4.03227	0.001238825	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	4.4E-09	6.8E-08
493	556869.4, 3777553.38	4.03647	0.001240116	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	4.5E-09	6.8E-08
494	556889.4, 3777553.38	4.01776	0.001234367	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.5E-08	4.4E-09	6.8E-08
495	556909.4, 3777553.38	3.96872	0.001219301	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.4E-09	6.7E-08
496	556929.4, 3777553.38	3.8896	0.001194993	4.1E-07	1.2E-06	7.2E-07	6.6E-07	3.0E-07	1.3E-09	3.0E-08	1.6E-08	1.4E-08	4.3E-09	6.6E-08
497	556949.4, 3777553.38	3.76393	0.001156384	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.1E-09	6.4E-08
498	556969.4, 3777553.38	3.61946	0.001111998	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	4.0E-09	6.1E-08
499	556989.4, 3777553.38	3.45025	0.001060012	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.8E-09	5.8E-08
500	557009.4, 3777553.38	3.27498	0.001006165	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.6E-09	5.5E-08
501	557029.4, 3777553.38	3.09178	0.000949881	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.0E-09	2.4E-08	1.2E-08	1.1E-08	3.4E-09	5.2E-08
502	557049.4, 3777553.38	2.91541	0.000895695	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	9.4E-10	2.3E-08	1.2E-08	1.1E-08	3.2E-09	4.9E-08
503	557069.4, 3777553.38	2.74715	0.000844001	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	8.9E-10	2.1E-08	1.1E-08	1.0E-08	3.0E-09	4.6E-08
504	557089.4, 3777553.38	2.59113	0.000796067	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.4E-09	2.9E-09	4.4E-08
505	557109.4, 3777553.38	2.45057	0.000752883	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	7.9E-10	1.9E-08	9.8E-09	8.9E-09	2.7E-09	4.1E-08
506	557129.4, 3777553.38	2.32965	0.000715733	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.4E-09	8.5E-09	2.6E-09	3.9E-08
507	557149.4, 3777553.38	2.2239	0.000683244	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.2E-10	1.7E-08	8.9E-09	8.1E-09	2.5E-09	3.8E-08
508	557169.4, 3777553.38	2.12941	0.000654214	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	2.3E-09	3.6E-08
509	557189.4, 3777553.38	2.04617	0.00062864	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	6.6E-10	1.6E-08	8.2E-09	7.4E-09	2.3E-09	3.5E-08
510	557209.4, 3777553.38	1.97298	0.000606154	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	6.4E-10	1.5E-08	7.9E-09	7.2E-09	2.2E-09	3.3E-08
511	557229.4, 3777553.38	1.90607	0.000585598	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	6.9E-09	2.1E-09	3.2E-08
512	557249.4, 3777553.38	1.84592	0.000567118	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.4E-09	6.7E-09	2.0E-09	3.1E-08
513	557269.4, 3777553.38	1.7915	0.000550398	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	2.0E-09	3.0E-08
514	557289.4, 3777553.38	1.74118	0.000534939	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.3E-09	1.9E-09	2.9E-08

515	557309.4, 3777553.38	1.69337	0.00052025	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	1.9E-09	2.9E-08
516	557329.4, 3777553.38	1.64773	0.000506228	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
517	557349.4, 3777553.38	1.60461	0.000492981	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
518	557369.4, 3777553.38	1.56245	0.000480028	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.6E-08
519	557389.4, 3777553.38	1.51972	0.0004669	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.6E-08
520	557409.4, 3777553.38	1.48007	0.000454719	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	5.9E-09	5.4E-09	1.6E-09	2.5E-08
521	557429.4, 3777553.38	1.44106	0.000442734	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.7E-10	1.1E-08	5.8E-09	5.2E-09	1.6E-09	2.4E-08
522	557449.4, 3777553.38	1.40355	0.000431209	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.4E-08
523	557469.4, 3777553.38	1.36622	0.000419741	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.4E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
524	557489.4, 3777553.38	1.32822	0.000408066	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.3E-10	1.0E-08	5.3E-09	4.8E-09	1.5E-09	2.2E-08
525	557438.91, 3777336.7	2.31855	0.000712323	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.3E-09	8.4E-09	2.6E-09	3.9E-08
526	556615.91, 3777136.9	4.61643	0.001418295	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.5E-09	3.6E-08	1.9E-08	1.7E-08	5.1E-09	7.8E-08
527	556586.37, 3777056.1	2.26043	0.000694467	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	7.3E-10	1.8E-08	9.1E-09	8.2E-09	2.5E-09	3.8E-08
528	556672.35, 3776929.1	1.76314	0.000541685	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	1.9E-09	3.0E-08
529	556692.35, 3776929.1	1.93914	0.000595758	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.3E-10	1.5E-08	7.8E-09	7.1E-09	2.1E-09	3.3E-08
530	556712.35, 3776929.1	2.14464	0.000658893	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	6.9E-10	1.7E-08	8.6E-09	7.8E-09	2.4E-09	3.6E-08
531	556732.35, 3776929.1	2.39011	0.000734308	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	7.7E-10	1.9E-08	9.6E-09	8.7E-09	2.6E-09	4.0E-08
532	556752.35, 3776929.1	2.71323	0.000833579	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	8.8E-10	2.1E-08	1.1E-08	9.9E-09	3.0E-09	4.6E-08
533	556772.35, 3776929.1	3.14498	0.000966225	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.0E-09	2.5E-08	1.3E-08	1.1E-08	3.5E-09	5.3E-08
534	556792.35, 3776929.1	3.77335	0.001159278	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
535	556812.35, 3776929.1	4.71399	0.001448268	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.5E-09	3.7E-08	1.9E-08	1.7E-08	5.2E-09	8.0E-08
536	556832.35, 3776929.1	6.02398	0.001850734	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
537	556852.35, 3776929.1	7.81927	0.002402297	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.5E-09	6.1E-08	3.1E-08	2.8E-08	8.6E-09	1.3E-07
538	556672.35, 3776949.1	1.91246	0.000587561	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	7.0E-09	2.1E-09	3.2E-08
539	556692.35, 3776949.1	2.11495	0.000649771	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	6.8E-10	1.6E-08	8.5E-09	7.7E-09	2.3E-09	3.6E-08
540	556712.35, 3776949.1	2.35089	0.000722259	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	7.6E-10	1.8E-08	9.4E-09	8.6E-09	2.6E-09	4.0E-08
541	556732.35, 3776949.1	2.63429	0.000809327	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	8.5E-10	2.1E-08	1.1E-08	9.6E-09	2.9E-09	4.4E-08
542	556752.35, 3776949.1	2.99768	0.00092097	3.2E-07	9.6E-07	5.6E-07	5.1E-07	2.3E-07	9.7E-10	2.3E-08	1.2E-08	1.1E-08	3.3E-09	5.1E-08
543	556772.35, 3776949.1	3.51015	0.001078415	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.1E-09	2.7E-08	1.4E-08	1.3E-08	3.9E-09	5.9E-08
544	556792.35, 3776949.1	4.27536	0.001313509	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
545	556812.35, 3776949.1	5.41909	0.001664895	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	1.7E-09	4.2E-08	2.2E-08	2.0E-08	6.0E-09	9.1E-08
546	556832.35, 3776949.1	7.05032	0.002166054	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.8E-09	1.2E-07
547	556852.35, 3776949.1	9.30447	0.002858591	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.0E-09	7.3E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
548	556672.35, 3776969.1	2.08484	0.000640521	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	6.7E-10	1.6E-08	8.4E-09	7.6E-09	2.3E-09	3.5E-08
549	556692.35, 3776969.1	2.31677	0.000711776	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.5E-10	1.8E-08	9.3E-09	8.4E-09	2.6E-09	3.9E-08
550	556712.35, 3776969.1	2.59259	0.000796516	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	8.4E-10	2.0E-08	1.0E-08	9.4E-09	2.9E-09	4.4E-08
551	556732.35, 3776969.1	2.92497	0.000898632	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	9.4E-10	2.3E-08	1.2E-08	1.1E-08	3.2E-09	4.9E-08
552	556752.35, 3776969.1	3.35063	0.001029406	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.1E-09	2.6E-08	1.3E-08	1.2E-08	3.7E-09	5.7E-08
553	556772.35, 3776969.1	3.95297	0.001214462	4.2E-07	1.3E-06	7.3E-07	6.7E-07	3.0E-07	1.3E-09	3.1E-08	1.6E-08	1.4E-08	4.4E-09	6.7E-08
554	556792.35, 3776969.1	4.87457	0.001497603	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.7E-07	1.6E-09	3.8E-08	2.0E-08	1.8E-08	5.4E-09	8.2E-08
555	556812.35, 3776969.1	6.28446	0.00193076	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.0E-09	4.9E-08	2.5E-08	2.3E-08	6.9E-09	1.1E-07
556	556832.35, 3776969.1	8.37117	0.002571856	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	2.7E-09	6.5E-08	3.4E-08	3.0E-08	9.2E-09	1.4E-07
557	556852.35, 3776969.1	11.2473	0.003455482	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	3.6E-09	8.8E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
558	556672.35, 3776989.1	2.2891	0.000703275	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	7.4E-10	1.8E-08	9.2E-09	8.3E-09	2.5E-09	3.9E-08
559	556692.35, 3776989.1	2.55291	0.000784325	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	8.2E-10	2.0E-08	1.0E-08	9.3E-09	2.8E-09	4.3E-08
560	556712.35, 3776989.1	2.875	0.00088328	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	9.3E-10	2.2E-08	1.2E-08	1.0E-08	3.2E-09	4.9E-08
561	556732.35, 3776989.1	3.26761	0.0010039	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.1E-09	2.5E-08	1.3E-08	1.2E-08	3.6E-09	5.5E-08
562	556752.35, 3776989.1	3.77247	0.001159007	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.2E-09	2.9E-08	1.5E-08	1.4E-08	4.2E-09	6.4E-08
563	556772.35, 3776989.1	4.4892	0.001379207	4.8E-07	1.4E-06	8.3E-07	7.6E-07	3.5E-07	1.4E-09	3.5E-08	1.8E-08	1.6E-08	4.9E-09	7.6E-08
564	556792.35, 3776989.1	5.61419	0.001724835	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	1.8E-09	4.4E-08	2.3E-08	2.0E-08	6.2E-09	9.5E-08
565	556812.35, 3776989.1	7.3826	0.002268139	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	2.4E-09	5.8E-08	3.0E-08	2.7E-08	8.1E-09	1.2E-07
566	556832.35, 3776989.1	10.08536	0.003098502	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	3.3E-09	7.9E-08	4.0E-08	3.7E-08	1.1E-08	1.7E-07
567	556852.35, 3776989.1	13.84536	0.004253679	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.5E-09	1.1E-07	5.6E-08	5.0E-08	1.5E-08	2.3E-07
568	556672.35, 3777009.1	2.53647	0.000779274	2.7E-07	8.1E-07	4.7E-07	4.3E-07	2.0E-07	8.2E-10	2.0E-08	1.0E-08	9.2E-09	2.8E-09	4.3E-08
569	556692.35, 3777009.1	2.83651	0.000871455	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
570	556712.35, 3777009.1	3.21201	0.000986819	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.4E-08
571	556732.35, 3777009.1	3.6776	0.001129861	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.2E-09	2.9E-08	1.5E-08	1.3E-08	4.1E-09	6.2E-08
572	556752.35, 3777009.1	4.28267	0.001315755	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.4E-09	3.3E-08	1.7E-08	1.6E-08	4.7E-09	7.2E-08
573	556772.35, 3777009.1	5.1479	0.001581578	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.7E-09	4.0E-08	2.1E-08	1.9E-08	5.7E-09	8.7E-08
574	556792.35, 3777009.1	6.53613	0.00200808	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.1E-09	5.1E-08	2.6E-08	2.4E-08	7.2E-09	1.1E-07
575	556812.35, 3777009.1	8.8038	0.002704771	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	2.8E-09	6.9E-08	3.5E-08	3.2E-08	9.7E-09	1.5E-07
576	556832.35, 3777009.1	12.37573	0.003802167	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
577	556852.35, 3777009.1	17.40806	0.005348239	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	5.6E-09	1.4E-07	7.0E-08	6.3E-08	1.9E-08	2.9E-07
578	556672.35, 3777029.1	2.84936	0.000875402	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	9.2E-10	2.2E-08	1.1E-08	1.0E-08	3.1E-09	4.8E-08
579	556692.35, 3777029.1	3.18931	0.000979844	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.0E-09	2.5E-08	1.3E-08	1.2E-08	3.5E-09	5.4E-08
580	556712.35, 3777029.1	3.62765	0.001114515	3.9E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	4.0E-09	6.1E-08
581	556732.35, 3777029.1	4.1798	0.00128415	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.3E-09	3.3E-08	1.7E-08	1.5E-08	4.6E-09	7.1E-08
582	556752.35, 3777029.1	4.91087	0.001508755	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	1.6E-09	3.8E-08	2.0E-08	1.8E-08	5.4E-09	8.3E-08
583	556772.35, 3777029.1	5.96968	0.001834051	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	1.9E-09	4.7E-08	2.4E-08	2.2E-08	6.6E-09	1.0E-07
584	556792.35, 3777029.1	7.71172	0.002369254	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.5E-09	6.0E-08	3.1E-08	2.8E-08	8.5E-09	1.3E-07
585	556812.35, 3777029.1	10.69451	0.00328565	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.5E-09	8.3E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
586	556832.35, 3777029.1	15.58062	0.004786799	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.0E-09	1.2E-07	6.3E-08	5.7E-08	1.7E-08	2.6E-07
587	556852.35, 3777029.1	22.44091	0.00689447	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	7.2E-09	1.8E-07	9.0E-08	8.2E-08	2.5E-08	3.8E-07
588	556672.35, 3777049.1	3.25254	0.00099927	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.1E-09	2.5E-08	1.3E-08	1.2E-08	3.6E-09	5.5E-08
589	556692.35, 3777049.1	3.64591	0.001120125	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.2E-09	2.8E-08	1.5E-08	1.3E-08	4.0E-09	6.2E-08
590	556712.35, 3777049.1	4.15826	0.001277533	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.3E-09	3.2E-08	1.7E-08	1.5E-08	4.6E-09	7.0E-08
591	556732.35, 3777049.1	4.81783	0.001480171	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	1.6E-09	3.8E-08	1.9E-08	1.8E-08	5.3E-09	8.1E-08
592	556752.35, 3777049.1	5.70872	0.001753877	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	1.8E-09	4.5E-08	2.3E-08	2.1E-08	6.3E-09	9.6E-08
593	556772.35, 3777049.1	7.02114	0.002157089	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.3E-09	5.5E-08	2.8E-08	2.6E-08	7.7E-09	1.2E-07
594	556792.35, 3777049.1	9.24632	0.002840726	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.0E-09	7.2E-08	3.7E-08	3.4E-08	1.0E-08	1.6E-07
595	556812.35, 3777049.1	13.31531	0.004090832	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
596	556832.35, 3777049.1	20.22501	0.006213684	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	6.5E-09	1.6E-07	8.1E-08	7.4E-08	2.2E-08	3.4E-07
597	556852.35, 3777049.1	29.83446	0.009165973	3.2E-06	9.6E-06	5.5E-06	5.0E-06	2.3E-06	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
598	556927.54, 3776959.5	20.92312	0.006428163	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	6.8E-09	1.6E-07	8.4E-08	7.6E-08	2.3E-08	3.5E-07
599	556947.54, 3776959.5	21.3747	0.006566901	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	6.9E-09	1.7E-07	8.6E-08	7.8E-08	2.4E-08	3.6E-07
600	556967.54, 3776959.5	20.44194	0.006280331	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	6.6E-09	1.6E-07	8.2E-08	7.4E-08	2.3E-08	3.5E-07
601	556987.54, 3776959.5	18.56869	0.005704816	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	6.0E-09	1.4E-07	7.5E-08	6.8E-08	2.0E-08	3.1E-07

602	557007.54, 3776959.5	16.2964	0.005006706	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	5.3E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.8E-07
603	557027.54, 3776959.5	14.07833	0.004325253	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.5E-09	1.1E-07	5.7E-08	5.1E-08	1.6E-08	2.4E-07
604	557047.54, 3776959.5	12.17199	0.003739573	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	3.9E-09	9.5E-08	4.9E-08	4.4E-08	1.3E-08	2.1E-07
605	557067.54, 3776959.5	10.65018	0.003272031	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.4E-09	8.3E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
606	557087.54, 3776959.5	9.47345	0.002910507	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.1E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
607	556927.54, 3776979.5	24.71687	0.007593708	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	8.0E-09	1.9E-07	9.9E-08	9.0E-08	2.7E-08	4.2E-07
608	556947.54, 3776979.5	24.45577	0.007513491	2.6E-06	7.9E-06	4.5E-06	4.1E-06	1.9E-06	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
609	556967.54, 3776979.5	22.62003	0.0069495	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	7.3E-09	1.8E-07	9.1E-08	8.2E-08	2.5E-08	3.8E-07
610	556987.54, 3776979.5	19.94036	0.006126232	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	6.4E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
611	557007.54, 3776979.5	17.12585	0.005261536	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	5.5E-09	1.3E-07	6.9E-08	6.2E-08	1.9E-08	2.9E-07
612	557027.54, 3776979.5	14.6333	0.004495756	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
613	557047.54, 3776979.5	12.63252	0.00388106	1.3E-06	4.1E-06	2.3E-06	2.1E-06	9.7E-07	4.1E-09	9.9E-08	5.1E-08	4.6E-08	1.4E-08	2.1E-07
614	557067.54, 3776979.5	11.09904	0.003409933	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.6E-09	8.7E-08	4.5E-08	4.0E-08	1.2E-08	1.9E-07
615	557087.54, 3776979.5	9.92446	0.003049069	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.2E-09	7.7E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
616	556927.54, 3776999.5	29.24671	0.0089854	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.2E-06	9.4E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
617	556947.54, 3776999.5	27.85636	0.008558246	3.0E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	9.0E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
618	556967.54, 3776999.5	24.84264	0.007632348	2.6E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	8.0E-09	1.9E-07	1.0E-07	9.0E-08	2.7E-08	4.2E-07
619	556987.54, 3776999.5	21.27031	0.006534829	2.3E-06	6.8E-06	4.0E-06	3.6E-06	1.6E-06	6.9E-09	1.7E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
620	557007.54, 3776999.5	17.95408	0.005515991	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
621	557027.54, 3776999.5	15.26171	0.004688821	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	4.9E-09	1.2E-07	6.1E-08	5.6E-08	1.7E-08	2.6E-07
622	557047.54, 3776999.5	13.2122	0.004059154	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
623	557067.54, 3776999.5	11.6683	0.003584825	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	3.8E-09	9.1E-08	4.7E-08	4.2E-08	1.3E-08	2.0E-07
624	557087.54, 3776999.5	10.46947	0.003216511	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.1E-07	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
625	556927.54, 3777019.5	34.5922	0.010627683	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.8E-07
626	556947.54, 3777019.5	31.54841	0.009692546	3.4E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	1.0E-08	2.5E-07	1.3E-07	1.1E-07	3.5E-08	5.3E-07
627	556967.54, 3777019.5	27.07409	0.008317911	2.9E-06	8.7E-06	5.0E-06	4.6E-06	2.1E-06	8.7E-09	2.1E-07	1.1E-07	9.9E-08	3.0E-08	4.6E-07
628	556987.54, 3777019.5	22.5878	0.006939598	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	7.3E-09	1.8E-07	9.1E-08	8.2E-08	2.5E-08	3.8E-07
629	557007.54, 3777019.5	18.86	0.005794315	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
630	557027.54, 3777019.5	16.03855	0.004927487	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.2E-09	1.3E-07	6.4E-08	5.8E-08	1.8E-08	2.7E-07
631	557047.54, 3777019.5	13.9513	0.004286226	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
632	557067.54, 3777019.5	12.3621	0.00379798	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.0E-09	9.6E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
633	557087.54, 3777019.5	11.08728	0.00340632	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.6E-09	8.6E-08	4.5E-08	4.0E-08	1.2E-08	1.9E-07
634	556927.54, 3777039.5	40.82431	0.01254236	4.3E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
635	556947.54, 3777039.5	35.46235	0.010895017	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.1E-08	2.8E-07	1.4E-07	1.3E-07	3.9E-08	6.0E-07
636	556967.54, 3777039.5	29.31234	0.009005564	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.3E-06	9.5E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
637	556987.54, 3777039.5	23.98077	0.007367558	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
638	557007.54, 3777039.5	19.94999	0.00612919	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	6.4E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
639	557027.54, 3777039.5	17.02826	0.005231554	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
640	557047.54, 3777039.5	14.85683	0.00456443	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	4.8E-09	1.2E-07	6.0E-08	5.4E-08	1.6E-08	2.5E-07
641	557067.54, 3777039.5	13.14941	0.004039863	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.2E-09	1.0E-07	5.3E-08	4.8E-08	1.4E-08	2.2E-07
642	557087.54, 3777039.5	11.73397	0.003605001	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
643	557047.54, 3777059.5	15.88815	0.00488128	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.1E-09	1.2E-07	6.4E-08	5.8E-08	1.8E-08	2.7E-07
644	557067.54, 3777059.5	13.96856	0.004291529	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
645	557087.54, 3777059.5	12.35433	0.003795593	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.0E-09	9.6E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
646	556919.02, 3777174.9	142.0268	0.043634571	1.5E-05	4.6E-05	2.6E-05	2.4E-05	1.1E-05	4.6E-08	1.1E-06	5.7E-07	5.2E-07	1.6E-07	2.4E-06
647	556939.02, 3777174.9	85.78986	0.026357024	9.1E-06	2.8E-05	1.6E-05	1.4E-05	6.6E-06	2.8E-08	6.7E-07	3.4E-07	3.1E-07	9.5E-08	1.4E-06
648	556919.02, 3777194.9	132.88185	0.040824989	1.4E-05	4.3E-05	2.5E-05	2.2E-05	1.0E-05	4.3E-08	1.0E-06	5.3E-07	4.8E-07	1.5E-07	2.2E-06
649	556939.02, 3777194.9	80.5945	0.024760865	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	2.6E-08	6.3E-07	3.2E-07	2.9E-07	8.9E-08	1.4E-06
650	556919.02, 3777214.9	97.1542	0.029848464	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	3.1E-08	7.6E-07	3.9E-07	3.5E-07	1.1E-07	1.6E-06
651	556939.02, 3777214.9	66.10769	0.020310115	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.1E-08	5.2E-07	2.7E-07	2.4E-07	7.3E-08	1.1E-06
652	556919.02, 3777234.9	67.14427	0.020628582	7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.2E-08	5.2E-07	2.7E-07	2.4E-07	7.4E-08	1.1E-06
653	556939.02, 3777234.9	50.3606	0.015472173	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.6E-08	8.5E-07
654	556919.02, 3777254.9	46.53688	0.01429742	4.9E-06	1.5E-05	8.7E-06	7.8E-06	3.6E-06	1.5E-08	3.6E-07	1.9E-07	1.7E-07	5.1E-08	7.9E-07
655	556939.02, 3777254.9	37.36847	0.01148063	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
656	557023.57, 3777171.5	24.01325	0.007377536	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	7.8E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.1E-07
657	557043.57, 3777171.5	19.57777	0.006014834	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	6.3E-09	1.5E-07	7.9E-08	7.1E-08	2.2E-08	3.3E-07
658	557063.57, 3777171.5	16.29564	0.005006472	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	5.3E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.8E-07
659	557083.57, 3777171.5	13.80539	0.004241399	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.5E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
660	557023.57, 3777191.5	23.27992	0.007152237	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	7.5E-09	1.8E-07	9.3E-08	8.5E-08	2.6E-08	3.9E-07
661	557043.57, 3777191.5	19.0312	0.005846912	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
662	557063.57, 3777191.5	15.8786	0.004878346	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.1E-09	1.2E-07	6.4E-08	5.8E-08	1.8E-08	2.7E-07
663	557083.57, 3777191.5	13.49033	0.004144603	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.4E-09	1.1E-07	5.4E-08	4.9E-08	1.5E-08	2.3E-07
664	557023.57, 3777211.5	21.97574	0.006751557	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
665	557043.57, 3777211.5	18.15392	0.005577388	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
666	557063.57, 3777211.5	15.27278	0.004692222	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	4.9E-09	1.2E-07	6.1E-08	5.6E-08	1.7E-08	2.6E-07
667	557083.57, 3777211.5	13.00407	0.003995211	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
668	557023.57, 3777231.5	20.16064	0.006193908	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.6E-06	6.5E-09	1.6E-07	8.1E-08	7.3E-08	2.2E-08	3.4E-07
669	557043.57, 3777231.5	16.92518	0.005199885	1.8E-06	5.4E-06	3.1E-06	2.9E-06	1.3E-06	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
670	557063.57, 3777231.5	14.41482	0.004428632	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	4.7E-09	1.1E-07	5.8E-08	5.2E-08	1.6E-08	2.4E-07
671	557083.57, 3777231.5	12.33575	0.003789884	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.0E-09	9.6E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
672	557023.57, 3777251.5	17.94244	0.005512415	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
673	557043.57, 3777251.5	15.37454	0.004723485	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
674	557063.57, 3777251.5	13.3099	0.00408917	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.2E-07
675	557083.57, 3777251.5	11.48056	0.003527146	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	3.7E-09	9.0E-08	4.6E-08	4.2E-08	1.3E-08	1.9E-07
676	556249.05, 3776972.8	0.59683	0.000183363	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	1.9E-10	4.7E-09	2.4E-09	2.2E-09	6.6E-10	1.0E-08
677	556269.05, 3776972.8	0.62343	0.000191535	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.0E-10	4.9E-09	2.5E-09	2.3E-09	6.9E-10	1.1E-08
678	556229.05, 3776992.8	0.60065	0.000184536	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	1.9E-10	4.7E-09	2.4E-09	2.2E-09	6.6E-10	1.0E-08
679	556249.05, 3776992.8	0.62535	0.000192125	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.0E-10	4.9E-09	2.5E-09	2.3E-09	6.9E-10	1.1E-08
680	556269.05, 3776992.8	0.6545	0.000201081	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.1E-10	5.1E-09	2.6E-09	2.4E-09	7.2E-10	1.1E-08
681	556289.05, 3776992.8	0.68501	0.000210454	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.2E-10	5.3E-09	2.8E-09	2.5E-09	7.6E-10	1.2E-08
682	556309.05, 3776992.8	0.71849	0.00022074	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.3E-10	5.6E-09	2.9E-09	2.6E-09	7.9E-10	1.2E-08
683	556329.05, 3776992.8	0.75286	0.000231299	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.4E-10	5.9E-09	3.0E-09	2.7E-09	8.3E-10	1.3E-08
684	556209.05, 3777012.8	0.60975	0.000187332	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.0E-10	4.8E-09	2.4E-09	2.2E-09	6.7E-10	1.0E-08
685	556229.05, 3777012.8	0.63101	0.000193864	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.0E-10	4.9E-09	2.5E-09	2.3E-09	7.0E-10	1.1E-08
686	556249.05, 3777012.8	0.65893	0.000202442	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.1E-10	5.1E-09	2.6E-09	2.4E-09	7.3E-10	1.1E-08
687	556269.05, 3777012.8	0.68997	0.000211978	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.2E-10	5.4E-09	2.8E-09	2.5E-09	7.6E-10	1.2E-08
688	556289.05, 3777012.8	0.72357	0.000222301	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.3E-10	5.6E-09	2.9E-09	2.6E-09	8.0E-10	1.2E-08

689	556309.05, 3777012.8	0.75846	0.00023302	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.4E-10	5.9E-09	3.0E-09	2.8E-09	8.4E-10	1.3E-08
690	556329.05, 3777012.8	0.79809	0.000245195	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.6E-10	6.2E-09	3.2E-09	2.9E-09	8.8E-10	1.3E-08
691	556209.05, 3777032.8	0.64239	0.00019736	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.1E-10	5.0E-09	2.6E-09	2.3E-09	7.1E-10	1.1E-08
692	556229.05, 3777032.8	0.66728	0.000205007	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.2E-10	5.2E-09	2.7E-09	2.4E-09	7.4E-10	1.1E-08
693	556249.05, 3777032.8	0.69775	0.000214368	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.3E-10	5.4E-09	2.8E-09	2.5E-09	7.7E-10	1.2E-08
694	556269.05, 3777032.8	0.73083	0.000224531	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	2.4E-10	5.7E-09	2.9E-09	2.7E-09	8.1E-10	1.2E-08
695	556289.05, 3777032.8	0.76785	0.000235905	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	2.5E-10	6.0E-09	3.1E-09	2.8E-09	8.5E-10	1.3E-08
696	556309.05, 3777032.8	0.80643	0.000247758	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.6E-10	6.3E-09	3.2E-09	2.9E-09	8.9E-10	1.4E-08
697	556209.05, 3777052.8	0.68025	0.000208992	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.2E-10	5.3E-09	2.7E-09	2.5E-09	7.5E-10	1.1E-08
698	556229.05, 3777052.8	0.71121	0.000218503	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	2.3E-10	5.5E-09	2.9E-09	2.6E-09	7.8E-10	1.2E-08
699	556249.05, 3777052.8	0.74575	0.000229115	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	2.4E-10	5.8E-09	3.0E-09	2.7E-09	8.2E-10	1.3E-08
700	556269.05, 3777052.8	0.78249	0.000240403	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	2.5E-10	6.1E-09	3.1E-09	2.8E-09	8.6E-10	1.3E-08
701	556289.05, 3777052.8	0.81807	0.000251334	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	2.6E-10	6.4E-09	3.3E-09	3.0E-09	9.0E-10	1.4E-08
702	556309.05, 3777052.8	0.86113	0.000264563	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	2.8E-10	6.7E-09	3.5E-09	3.1E-09	9.5E-10	1.5E-08
703	556249.05, 3777072.8	0.79391	0.000243911	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	2.6E-10	6.2E-09	3.2E-09	2.9E-09	8.8E-10	1.3E-08
704	556269.05, 3777072.8	0.83488	0.000256498	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	2.7E-10	6.5E-09	3.4E-09	3.0E-09	9.2E-10	1.4E-08
705	556289.05, 3777072.8	0.87891	0.000270026	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	2.8E-10	6.9E-09	3.5E-09	3.2E-09	9.7E-10	1.5E-08
706	556269.05, 3777092.8	0.89301	0.000274357	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	2.9E-10	7.0E-09	3.6E-09	3.3E-09	9.8E-10	1.5E-08
707	556441.69, 3776927.4	0.80413	0.000247051	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.6E-10	6.3E-09	3.2E-09	2.9E-09	8.9E-10	1.4E-08
708	556461.69, 3776927.4	0.83541	0.000256661	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	2.7E-10	6.5E-09	3.4E-09	3.0E-09	9.2E-10	1.4E-08
709	556481.69, 3776927.4	0.86276	0.000265064	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	2.8E-10	6.7E-09	3.5E-09	3.1E-09	9.5E-10	1.5E-08
710	556421.69, 3776947.4	0.83355	0.00025609	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	2.7E-10	6.5E-09	3.3E-09	3.0E-09	9.2E-10	1.4E-08
711	556441.69, 3776947.4	0.86831	0.000266769	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	2.8E-10	6.8E-09	3.5E-09	3.2E-09	9.6E-10	1.5E-08
712	556461.69, 3776947.4	0.90785	0.000278917	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	2.9E-10	7.1E-09	3.6E-09	3.3E-09	1.0E-09	1.5E-08
713	556481.69, 3776947.4	0.94379	0.000289958	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.0E-10	7.4E-09	3.8E-09	3.4E-09	1.0E-09	1.6E-08
714	556401.69, 3776967.4	0.84579	0.00025985	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	2.7E-10	6.6E-09	3.4E-09	3.1E-09	9.3E-10	1.4E-08
715	556421.69, 3776967.4	0.89036	0.000273543	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	2.9E-10	6.9E-09	3.6E-09	3.2E-09	9.8E-10	1.5E-08
716	556441.69, 3776967.4	0.93325	0.00028672	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.0E-10	7.3E-09	3.7E-09	3.4E-09	1.0E-09	1.6E-08
717	556461.69, 3776967.4	0.97937	0.00030089	1.0E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	3.2E-10	7.6E-09	3.9E-09	3.6E-09	1.1E-09	1.7E-08
718	556481.69, 3776967.4	1.0298	0.000316383	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.3E-10	8.0E-09	4.1E-09	3.7E-09	1.1E-09	1.7E-08
719	556401.69, 3776987.4	0.89565	0.000275169	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	2.9E-10	7.0E-09	3.6E-09	3.3E-09	9.9E-10	1.5E-08
720	556421.69, 3776987.4	0.94523	0.000290401	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.1E-10	7.4E-09	3.8E-09	3.4E-09	1.0E-09	1.6E-08
721	556441.69, 3776987.4	1.00002	0.000307234	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.2E-10	7.8E-09	4.0E-09	3.6E-09	1.1E-09	1.7E-08
722	556461.69, 3776987.4	1.05675	0.000324663	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.4E-10	8.2E-09	4.2E-09	3.8E-09	1.2E-09	1.8E-08
723	556481.69, 3776987.4	1.11871	0.000343699	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	3.6E-10	8.7E-09	4.5E-09	4.1E-09	1.2E-09	1.9E-08
724	556421.69, 3777007.4	1.00398	0.00030845	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	3.2E-10	7.8E-09	4.0E-09	3.7E-09	1.1E-09	1.7E-08
725	556441.69, 3777007.4	1.06423	0.000326961	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.4E-10	8.3E-09	4.3E-09	3.9E-09	1.2E-09	1.8E-08
726	556461.69, 3777007.4	1.13144	0.00034761	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.7E-10	8.8E-09	4.5E-09	4.1E-09	1.2E-09	1.9E-08
727	556481.69, 3777007.4	1.20689	0.00037079	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	3.9E-10	9.4E-09	4.8E-09	4.4E-09	1.3E-09	2.0E-08
728	556441.69, 3777027.4	1.13675	0.000349241	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.7E-08	3.7E-10	8.9E-09	4.6E-09	4.1E-09	1.3E-09	1.9E-08
729	556461.69, 3777027.4	1.21	0.000371746	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	3.9E-10	9.4E-09	4.9E-09	4.4E-09	1.3E-09	2.0E-08
730	556481.69, 3777027.4	1.29762	0.000398665	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.2E-10	1.0E-08	5.2E-09	4.7E-09	1.4E-09	2.2E-08
731	556251.24, 3777154.9	1.05624	0.000324506	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.4E-10	8.2E-09	4.2E-09	3.8E-09	1.2E-09	1.8E-08
732	556261.28, 3777141.2	1.03705	0.000318611	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	3.3E-10	8.1E-09	4.2E-09	3.8E-09	1.1E-09	1.8E-08
733	556264.98, 3777168.1	1.15167	0.000353825	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	3.7E-10	9.0E-09	4.6E-09	4.2E-09	1.3E-09	1.9E-08
734	556279.25, 3777151.7	1.13561	0.000348891	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	3.7E-10	8.9E-09	4.6E-09	4.1E-09	1.3E-09	1.9E-08
735	556202.6, 3777113.45	0.80814	0.000248283	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.6E-10	6.3E-09	3.2E-09	2.9E-09	8.9E-10	1.4E-08
736	556220.05, 3777109.7	0.83446	0.000256369	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	2.7E-10	6.5E-09	3.4E-09	3.0E-09	9.2E-10	1.4E-08
737	556187.53, 3777090.1	0.72602	0.000223053	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	2.3E-10	5.7E-09	2.9E-09	2.6E-09	8.0E-10	1.2E-08
738	556164.27, 3777121.3	0.75562	0.000232147	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	2.4E-10	5.9E-09	3.0E-09	2.8E-09	8.3E-10	1.3E-08
739	557510.26, 3776508.2	1.6725	0.000513838	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	1.8E-09	2.8E-08
740	557530.26, 3776508.2	1.6246	0.000499122	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	1.8E-09	2.7E-08
741	557550.26, 3776508.2	1.57802	0.000484812	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.7E-08
742	557570.26, 3776508.2	1.53249	0.000470823	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	4.9E-10	1.2E-08	6.2E-09	5.6E-09	1.7E-09	2.6E-08
743	557590.26, 3776508.2	1.48832	0.000457253	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	6.0E-09	5.4E-09	1.6E-09	2.5E-08
744	557610.26, 3776508.2	1.44548	0.000444092	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.7E-10	1.1E-08	5.8E-09	5.3E-09	1.6E-09	2.4E-08
745	557630.26, 3776508.2	1.40304	0.000431053	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.4E-08
746	557650.26, 3776508.2	1.36165	0.000418337	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.4E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
747	557670.26, 3776508.2	1.32074	0.000405768	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	4.3E-10	1.0E-08	5.3E-09	4.8E-09	1.5E-09	2.2E-08
748	557690.26, 3776508.2	1.28066	0.000393454	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.1E-10	1.0E-08	5.1E-09	4.7E-09	1.4E-09	2.2E-08
749	557510.26, 3776528.2	1.70546	0.000523965	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	1.9E-09	2.9E-08
750	557530.26, 3776528.2	1.65498	0.000508456	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
751	557550.26, 3776528.2	1.60613	0.000493448	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
752	557570.26, 3776528.2	1.55776	0.000478587	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.6E-08
753	557590.26, 3776528.2	1.51149	0.000464372	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.6E-08
754	557610.26, 3776528.2	1.4663	0.000450488	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.7E-10	1.1E-08	5.9E-09	5.3E-09	1.6E-09	2.5E-08
755	557630.26, 3776528.2	1.4222	0.000436939	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.7E-09	5.2E-09	1.6E-09	2.4E-08
756	557650.26, 3776528.2	1.37916	0.000423716	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.5E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
757	557670.26, 3776528.2	1.33644	0.000410591	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.3E-10	1.0E-08	5.4E-09	4.9E-09	1.5E-09	2.3E-08
758	557690.26, 3776528.2	1.2953	0.000397952	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.2E-10	1.0E-08	5.2E-09	4.7E-09	1.4E-09	2.2E-08
759	557510.26, 3776548.2	1.73707	0.000533676	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.3E-09	1.9E-09	2.9E-08
760	557530.26, 3776548.2	1.68498	0.000517673	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.8E-09	6.1E-09	1.9E-09	2.8E-08
761	557550.26, 3776548.2	1.63214	0.000501439	1.7E-07	5.2E-07	3.0E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	5.9E-09	1.8E-09	2.8E-08
762	557570.26, 3776548.2	1.58142	0.000485856	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.8E-09	1.7E-09	2.7E-08
763	557590.26, 3776548.2	1.53337	0.000471094	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.6E-09	1.7E-09	2.6E-08
764	557610.26, 3776548.2	1.48609	0.000456568	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	6.0E-09	5.4E-09	1.6E-09	2.5E-08
765	557630.26, 3776548.2	1.44017	0.00044246	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.8E-09	5.2E-09	1.6E-09	2.4E-08
766	557650.26, 3776548.2	1.39566	0.000428785	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.4E-08
767	557670.26, 3776548.2	1.3518	0.00041531	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.4E-10	1.1E-08	5.4E-09	4.9E-09	1.5E-09	2.3E-08
768	557690.26, 3776548.2	1.30961	0.000402349	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.2E-10	1.0E-08	5.3E-09	4.8E-09	1.4E-09	2.2E-08
769	557510.26, 3776568.2	1.76813	0.000543219	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	1.9E-09	3.0E-08
770	557530.26, 3776568.2	1.71318	0.000526336	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.9E-09	6.2E-09	1.9E-09	2.9E-08
771	557550.26, 3776568.2	1.65842	0.000509513	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.0E-09	1.8E-09	2.8E-08
772	557570.26, 3776568.2	1.60494	0.000493082	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
773	557590.26, 3776568.2	1.55446	0.000477573	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.7E-09	1.7E-09	2.6E-08
774	557610.26, 3776568.2	1.50524	0.000462451	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.9E-10	1.2E-08	6.0E-09	5.5E-09	1.7E-09	2.5E-08
775	557630.26, 3776568.2	1.45765	0.00044783	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.7E-10	1.1E-08	5.9E-09	5.3E-09	1.6E-09	2.5E-08

776	557650.26, 3776568.2	1.41187	0.000433766	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.7E-09	5.1E-09	1.6E-09	2.4E-08
777	557670.26, 3776568.2	1.36677	0.00041991	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	4.4E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
778	557690.26, 3776568.2	1.3233	0.000406554	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	4.3E-10	1.0E-08	5.3E-09	4.8E-09	1.5E-09	2.2E-08
779	557510.26, 3776588.2	1.7982	0.000552457	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	2.0E-09	3.0E-08
780	557530.26, 3776588.2	1.74116	0.000534933	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.4E-08	7.0E-09	6.3E-09	1.9E-09	2.9E-08
781	557550.26, 3776588.2	1.68398	0.000517365	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.8E-09	6.1E-09	1.9E-09	2.8E-08
782	557570.26, 3776588.2	1.62778	0.000500099	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.3E-10	1.3E-08	6.5E-09	5.9E-09	1.8E-09	2.7E-08
783	557590.26, 3776588.2	1.57442	0.000483705	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.7E-08
784	557610.26, 3776588.2	1.52347	0.000468052	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.6E-08
785	557630.26, 3776588.2	1.47501	0.000453164	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	5.9E-09	5.4E-09	1.6E-09	2.5E-08
786	557650.26, 3776588.2	1.42772	0.000438635	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.7E-09	5.2E-09	1.6E-09	2.4E-08
787	557670.26, 3776588.2	1.38164	0.000424478	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.5E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
788	557690.26, 3776588.2	1.33723	0.000410834	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.3E-10	1.0E-08	5.4E-09	4.9E-09	1.5E-09	2.3E-08
789	557510.26, 3776608.2	1.82738	0.000561422	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.7E-09	2.0E-09	3.1E-08
790	557530.26, 3776608.2	1.76793	0.000543157	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.4E-09	1.9E-09	3.0E-08
791	557550.26, 3776608.2	1.70809	0.000524773	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.9E-09	6.2E-09	1.9E-09	2.9E-08
792	557570.26, 3776608.2	1.65011	0.00050696	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
793	557590.26, 3776608.2	1.59424	0.000489795	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
794	557610.26, 3776608.2	1.54171	0.000473656	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.6E-09	1.7E-09	2.6E-08
795	557630.26, 3776608.2	1.49177	0.000458313	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	6.0E-09	5.4E-09	1.6E-09	2.5E-08
796	557650.26, 3776608.2	1.4431	0.00044336	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.7E-10	1.1E-08	5.8E-09	5.3E-09	1.6E-09	2.4E-08
797	557670.26, 3776608.2	1.39578	0.000428822	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.4E-08
798	557690.26, 3776608.2	1.35023	0.000414828	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.4E-10	1.1E-08	5.4E-09	4.9E-09	1.5E-09	2.3E-08
799	557510.26, 3776628.2	1.85593	0.000570193	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.4E-08	7.5E-09	6.8E-09	2.0E-09	3.1E-08
800	557530.26, 3776628.2	1.79326	0.000550939	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	2.0E-09	3.0E-08
801	557550.26, 3776628.2	1.73056	0.000531676	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.3E-08	6.9E-09	6.3E-09	1.9E-09	2.9E-08
802	557570.26, 3776628.2	1.67319	0.00051405	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	1.8E-09	2.8E-08
803	557590.26, 3776628.2	1.61392	0.000495841	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.5E-09	5.9E-09	1.8E-09	2.7E-08
804	557610.26, 3776628.2	1.55968	0.000479177	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.6E-08
805	557630.26, 3776628.2	1.5078	0.000463238	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.5E-08
806	557650.26, 3776628.2	1.45819	0.000447996	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.7E-10	1.1E-08	5.9E-09	5.3E-09	1.6E-09	2.5E-08
807	557670.26, 3776628.2	1.40982	0.000433136	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.7E-09	5.1E-09	1.6E-09	2.4E-08
808	557690.26, 3776628.2	1.36346	0.000418893	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.4E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
809	557510.26, 3776648.2	1.88299	0.000578507	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	6.1E-10	1.5E-08	7.6E-09	6.9E-09	2.1E-09	3.2E-08
810	557530.26, 3776648.2	1.81676	0.000558159	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.3E-09	6.6E-09	2.0E-09	3.1E-08
811	557550.26, 3776648.2	1.75212	0.0005383	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	5.7E-10	1.4E-08	7.0E-09	6.4E-09	1.9E-09	3.0E-08
812	557570.26, 3776648.2	1.68988	0.000519178	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	5.5E-10	1.3E-08	6.8E-09	6.2E-09	1.9E-09	2.9E-08
813	557590.26, 3776648.2	1.63245	0.000501534	1.7E-07	5.2E-07	3.0E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	5.9E-09	1.8E-09	2.8E-08
814	557610.26, 3776648.2	1.57637	0.000484305	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.3E-09	5.7E-09	1.7E-09	2.7E-08
815	557630.26, 3776648.2	1.52354	0.000468074	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	4.9E-10	1.2E-08	6.1E-09	5.5E-09	1.7E-09	2.6E-08
816	557650.26, 3776648.2	1.47294	0.000452528	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	4.8E-10	1.1E-08	5.9E-09	5.4E-09	1.6E-09	2.5E-08
817	557670.26, 3776648.2	1.42332	0.000437283	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.7E-09	5.2E-09	1.6E-09	2.4E-08
818	557690.26, 3776648.2	1.37608	0.00042277	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.4E-10	1.1E-08	5.5E-09	5.0E-09	1.5E-09	2.3E-08
819	557510.26, 3776668.2	1.90754	0.000586049	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.2E-10	1.5E-08	7.7E-09	6.9E-09	2.1E-09	3.2E-08
820	557530.26, 3776668.2	1.83935	0.000565099	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	5.9E-10	1.4E-08	7.4E-09	6.7E-09	2.0E-09	3.1E-08
821	557550.26, 3776668.2	1.77276	0.000544641	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	5.7E-10	1.4E-08	7.1E-09	6.5E-09	2.0E-09	3.0E-08
822	557570.26, 3776668.2	1.70922	0.00052512	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.5E-10	1.3E-08	6.9E-09	6.2E-09	1.9E-09	2.9E-08
823	557590.26, 3776668.2	1.65142	0.000507362	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.3E-10	1.3E-08	6.6E-09	6.0E-09	1.8E-09	2.8E-08
824	557610.26, 3776668.2	1.59229	0.000489196	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.1E-10	1.2E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
825	557630.26, 3776668.2	1.53803	0.000472525	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.6E-09	1.7E-09	2.6E-08
826	557650.26, 3776668.2	1.48672	0.000456762	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	4.8E-10	1.2E-08	6.0E-09	5.4E-09	1.6E-09	2.5E-08
827	557670.26, 3776668.2	1.43647	0.000441323	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.6E-10	1.1E-08	5.8E-09	5.2E-09	1.6E-09	2.4E-08
828	557690.26, 3776668.2	1.38807	0.000426454	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.3E-08
829	557510.26, 3776688.2	1.93242	0.000593693	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	6.2E-10	1.5E-08	7.8E-09	7.0E-09	2.1E-09	3.3E-08
830	557530.26, 3776688.2	1.86147	0.000571895	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.0E-10	1.5E-08	7.5E-09	6.8E-09	2.1E-09	3.1E-08
831	557550.26, 3776688.2	1.7919	0.000550521	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	5.8E-10	1.4E-08	7.2E-09	6.5E-09	2.0E-09	3.0E-08
832	557570.26, 3776688.2	1.72662	0.000530466	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	5.6E-10	1.3E-08	6.9E-09	6.3E-09	1.9E-09	2.9E-08
833	557590.26, 3776688.2	1.66554	0.0005117	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.4E-10	1.3E-08	6.7E-09	6.1E-09	1.8E-09	2.8E-08
834	557610.26, 3776688.2	1.6063	0.0004935	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.2E-10	1.3E-08	6.4E-09	5.8E-09	1.8E-09	2.7E-08
835	557630.26, 3776688.2	1.55128	0.000476596	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.0E-10	1.2E-08	6.2E-09	5.6E-09	1.7E-09	2.6E-08
836	557650.26, 3776688.2	1.49932	0.000460633	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	4.8E-10	1.2E-08	6.0E-09	5.5E-09	1.7E-09	2.5E-08
837	557670.26, 3776688.2	1.44789	0.000444832	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	4.7E-10	1.1E-08	5.8E-09	5.3E-09	1.6E-09	2.4E-08
838	557690.26, 3776688.2	1.39813	0.000429544	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	4.5E-10	1.1E-08	5.6E-09	5.1E-09	1.5E-09	2.4E-08
839	556172.49, 3776517.8	0.19259	5.9169E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	6.2E-11	1.5E-09	7.7E-10	7.0E-10	2.1E-10	3.3E-09
840	556192.49, 3776517.8	0.19932	6.12366E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	6.4E-11	1.6E-09	8.0E-10	7.3E-10	2.2E-10	3.4E-09
841	556212.49, 3776517.8	0.20506	6.30001E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	6.6E-11	1.6E-09	8.2E-10	7.5E-10	2.3E-10	3.5E-09
842	556232.49, 3776517.8	0.21188	6.50954E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	6.8E-11	1.7E-09	8.5E-10	7.7E-10	2.3E-10	3.6E-09
843	556252.49, 3776517.8	0.21905	6.72982E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	7.1E-11	1.7E-09	8.8E-10	8.0E-10	2.4E-10	3.7E-09
844	556272.49, 3776517.8	0.22734	6.98452E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	7.3E-11	1.8E-09	9.1E-10	8.3E-10	2.5E-10	3.8E-09
845	556292.49, 3776517.8	0.2357	7.24136E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	7.6E-11	1.8E-09	9.5E-10	8.6E-10	2.6E-10	4.0E-09
846	556312.49, 3776517.8	0.244	7.49636E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	7.9E-11	1.9E-09	9.8E-10	8.9E-10	2.7E-10	4.1E-09
847	556332.49, 3776517.8	0.25338	7.78454E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	8.2E-11	2.0E-09	1.0E-09	9.2E-10	2.8E-10	4.3E-09
848	556352.49, 3776517.8	0.26211	8.05275E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	8.5E-11	2.0E-09	1.1E-09	9.5E-10	2.9E-10	4.4E-09
849	556372.49, 3776517.8	0.26974	8.28716E-05	2.9E-08	8.7E-08	5.0E-08	4.5E-08	2.1E-08	8.7E-11	2.1E-09	1.1E-09	9.8E-10	3.0E-10	4.6E-09
850	556392.49, 3776517.8	0.28065	8.62235E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	9.1E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.7E-09
851	556412.49, 3776517.8	0.29071	8.93142E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	9.4E-11	2.3E-09	1.2E-09	1.1E-09	3.2E-10	4.9E-09
852	556432.49, 3776517.8	0.30057	9.23434E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	9.7E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.1E-09
853	556452.49, 3776517.8	0.31006	9.5259E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.0E-10	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
854	556472.49, 3776517.8	0.3221	9.89581E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.6E-10	5.4E-09
855	556492.49, 3776517.8	0.33333	0.000102408	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.7E-10	5.6E-09
856	556172.49, 3776537.8	0.19703	6.05331E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	6.4E-11	1.5E-09	7.9E-10	7.2E-10	2.2E-10	3.3E-09
857	556192.49, 3776537.8	0.20299	6.23642E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	6.6E-11	1.6E-09	8.2E-10	7.4E-10	2.2E-10	3.4E-09
858	556212.49, 3776537.8	0.20969	6.44226E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	6.8E-11	1.6E-09	8.4E-10	7.6E-10	2.3E-10	3.5E-09
859	556232.49, 3776537.8	0.21653	6.6524E-05	2.3E-08	7.0E-08	4.0E-08	3.6E-08	1.7E-08	7.0E-11	1.7E-09	8.7E-10	7.9E-10	2.4E-10	3.7E-09
860	556252.49, 3776537.8	0.2239	6.87883E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	7.2E-11	1.7E-09	9.0E-10	8.1E-10	2.5E-10	3.8E-09
861	556272.49, 3776537.8	0.23145	7.11079E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	7.5E-11	1.8E-09	9.3E-10	8.4E-10	2.6E-10	3.9E-09
862	556292.49, 3776537.8	0.24103	7.40511E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	7.8E-11	1.9E-09	9.7E-10	8.8E-10	2.7E-10	4.1E-09

863	556312.49, 3776537.8	0.25015	7.6853E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	8.1E-11	2.0E-09	1.0E-09	9.1E-10	2.8E-10	4.2E-09
864	556332.49, 3776537.8	0.26009	7.99069E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	8.4E-11	2.0E-09	1.0E-09	9.5E-10	2.9E-10	4.4E-09
865	556352.49, 3776537.8	0.26956	8.28163E-05	2.9E-08	8.7E-08	5.0E-08	4.5E-08	2.1E-08	8.7E-11	2.1E-09	1.1E-09	9.8E-10	3.0E-10	4.5E-09
866	556372.49, 3776537.8	0.27829	8.54984E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	9.0E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.7E-09
867	556392.49, 3776537.8	0.28711	8.82082E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	9.3E-11	2.2E-09	1.2E-09	1.0E-09	3.2E-10	4.8E-09
868	556412.49, 3776537.8	0.29883	9.18089E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	9.6E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.0E-09
869	556432.49, 3776537.8	0.31015	9.52867E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.0E-10	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
870	556452.49, 3776537.8	0.32023	9.83835E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.4E-09
871	556472.49, 3776537.8	0.33339	0.000102427	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.7E-10	5.6E-09
872	556492.49, 3776537.8	0.34614	0.000106344	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.8E-10	5.8E-09
873	556332.49, 3776557.8	0.26749	8.21803E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	8.6E-11	2.1E-09	1.1E-09	9.7E-10	2.9E-10	4.5E-09
874	556352.49, 3776557.8	0.27643	8.4927E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	8.9E-11	2.2E-09	1.1E-09	1.0E-09	3.0E-10	4.7E-09
875	556372.49, 3776557.8	0.28719	8.82327E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	9.3E-11	2.2E-09	1.2E-09	1.0E-09	3.2E-10	4.8E-09
876	556392.49, 3776557.8	0.29708	9.12712E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	9.6E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.0E-09
877	556412.49, 3776557.8	0.30929	9.50225E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.0E-10	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
878	556432.49, 3776557.8	0.32061	9.85003E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.4E-09
879	556452.49, 3776557.8	0.33145	0.000101831	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.7E-10	5.6E-09
880	556472.49, 3776557.8	0.3448	0.000105932	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.8E-10	5.8E-09
881	556492.49, 3776557.8	0.35925	0.000110372	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.2E-10	2.8E-09	1.4E-09	1.3E-09	4.0E-10	6.1E-09
882	556332.49, 3776577.8	0.2738	8.4119E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	8.8E-11	2.1E-09	1.1E-09	1.0E-09	3.0E-10	4.6E-09
883	556352.49, 3776577.8	0.28494	8.75415E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	9.2E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.8E-09
884	556372.49, 3776577.8	0.29599	9.09363E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	9.6E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.0E-09
885	556392.49, 3776577.8	0.30777	9.45555E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	9.9E-11	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
886	556412.49, 3776577.8	0.32016	9.8362E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.4E-09
887	556432.49, 3776577.8	0.33155	0.000101861	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.7E-10	5.6E-09
888	556452.49, 3776577.8	0.34412	0.000105723	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.8E-10	5.8E-09
889	556472.49, 3776577.8	0.35831	0.000110083	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.2E-10	2.8E-09	1.4E-09	1.3E-09	4.0E-10	6.0E-09
890	556492.49, 3776577.8	0.37295	0.000114581	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.2E-10	2.9E-09	1.5E-09	1.4E-09	4.1E-10	6.3E-09
891	556332.49, 3776597.8	0.28176	8.65645E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	9.1E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.8E-09
892	556352.49, 3776597.8	0.29314	9.00607E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	9.5E-11	2.3E-09	1.2E-09	1.1E-09	3.2E-10	4.9E-09
893	556372.49, 3776597.8	0.30482	9.36492E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	9.8E-11	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.1E-09
894	556392.49, 3776597.8	0.31603	9.70932E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.3E-09
895	556412.49, 3776597.8	0.33036	0.000101496	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.6E-10	5.6E-09
896	556432.49, 3776597.8	0.34283	0.000105327	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.1E-10	2.7E-09	1.4E-09	1.2E-09	3.8E-10	5.8E-09
897	556452.49, 3776597.8	0.355	0.000109066	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.1E-10	2.8E-09	1.4E-09	1.3E-09	3.9E-10	6.0E-09
898	556472.49, 3776597.8	0.36968	0.000113576	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.2E-10	2.9E-09	1.5E-09	1.3E-09	4.1E-10	6.2E-09
899	556492.49, 3776597.8	0.38711	0.000118931	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.2E-10	3.0E-09	1.6E-09	1.4E-09	4.3E-10	6.5E-09
900	556252.49, 3776617.8	0.25008	7.68315E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	8.1E-11	2.0E-09	1.0E-09	9.1E-10	2.8E-10	4.2E-09
901	556272.49, 3776617.8	0.25786	7.92217E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	8.3E-11	2.0E-09	1.0E-09	9.4E-10	2.8E-10	4.4E-09
902	556292.49, 3776617.8	0.26718	8.20851E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	8.6E-11	2.1E-09	1.1E-09	9.7E-10	2.9E-10	4.5E-09
903	556312.49, 3776617.8	0.27797	8.54001E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	9.0E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.7E-09
904	556332.49, 3776617.8	0.28814	8.85246E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	9.3E-11	2.2E-09	1.2E-09	1.0E-09	3.2E-10	4.9E-09
905	556352.49, 3776617.8	0.30151	9.26322E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	9.7E-11	2.4E-09	1.2E-09	1.1E-09	3.3E-10	5.1E-09
906	556372.49, 3776617.8	0.31482	9.67214E-05	3.3E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.0E-10	2.5E-09	1.3E-09	1.1E-09	3.5E-10	5.3E-09
907	556392.49, 3776617.8	0.32734	0.000100568	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.6E-10	5.5E-09
908	556412.49, 3776617.8	0.34177	0.000105001	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.1E-10	2.7E-09	1.4E-09	1.2E-09	3.8E-10	5.8E-09
909	556432.49, 3776617.8	0.35477	0.000108995	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.1E-10	2.8E-09	1.4E-09	1.3E-09	3.9E-10	6.0E-09
910	556452.49, 3776617.8	0.36986	0.000113631	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.2E-10	2.9E-09	1.5E-09	1.3E-09	4.1E-10	6.2E-09
911	556472.49, 3776617.8	0.38285	0.000117622	4.1E-08	1.2E-07	7.1E-08	6.5E-08	2.9E-08	1.2E-10	3.0E-09	1.5E-09	1.4E-09	4.2E-10	6.5E-09
912	556492.49, 3776617.8	0.40169	0.00012341	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.3E-10	3.1E-09	1.6E-09	1.5E-09	4.4E-10	6.8E-09
913	556252.49, 3776637.8	0.25878	7.95044E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	8.4E-11	2.0E-09	1.0E-09	9.4E-10	2.9E-10	4.4E-09
914	556272.49, 3776637.8	0.26765	8.22295E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	8.6E-11	2.1E-09	1.1E-09	9.7E-10	3.0E-10	4.5E-09
915	556292.49, 3776637.8	0.27544	8.46228E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	8.9E-11	2.1E-09	1.1E-09	1.0E-09	3.0E-10	4.6E-09
916	556312.49, 3776637.8	0.28519	8.76183E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	9.2E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.8E-09
917	556332.49, 3776637.8	0.29757	9.14218E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	9.6E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.0E-09
918	556352.49, 3776637.8	0.30984	9.51914E-05	3.3E-08	9.9E-08	5.8E-08	5.2E-08	2.4E-08	1.0E-10	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
919	556372.49, 3776637.8	0.32424	9.96155E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.6E-10	5.5E-09
920	556392.49, 3776637.8	0.33734	0.00010364	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.1E-10	2.6E-09	1.4E-09	1.2E-09	3.7E-10	5.7E-09
921	556412.49, 3776637.8	0.35221	0.000108209	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.9E-10	5.9E-09
922	556432.49, 3776637.8	0.36724	0.000112826	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.2E-10	2.9E-09	1.5E-09	1.3E-09	4.0E-10	6.2E-09
923	556452.49, 3776637.8	0.38229	0.00011745	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.2E-10	3.0E-09	1.5E-09	1.4E-09	4.2E-10	6.5E-09
924	556472.49, 3776637.8	0.39874	0.000122504	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.3E-10	3.1E-09	1.6E-09	1.5E-09	4.4E-10	6.7E-09
925	556492.49, 3776637.8	0.41687	0.000128074	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.3E-10	3.3E-09	1.7E-09	1.5E-09	4.6E-10	7.0E-09
926	556252.49, 3776657.8	0.26987	8.29115E-05	2.9E-08	8.7E-08	5.0E-08	4.5E-08	2.1E-08	8.7E-11	2.1E-09	1.1E-09	9.8E-10	3.0E-10	4.6E-09
927	556272.49, 3776657.8	0.27758	8.52803E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	9.0E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.7E-09
928	556292.49, 3776657.8	0.28635	8.79747E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	9.2E-11	2.2E-09	1.1E-09	1.0E-09	3.2E-10	4.8E-09
929	556312.49, 3776657.8	0.29372	9.02389E-05	3.1E-08	9.4E-08	5.5E-08	4.9E-08	2.3E-08	9.5E-11	2.3E-09	1.2E-09	1.1E-09	3.2E-10	5.0E-09
930	556332.49, 3776657.8	0.30659	9.41929E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	9.9E-11	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
931	556352.49, 3776657.8	0.31981	9.82545E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.4E-09
932	556372.49, 3776657.8	0.33422	0.000102682	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.7E-10	5.6E-09
933	556392.49, 3776657.8	0.34731	0.000106703	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.8E-10	5.9E-09
934	556412.49, 3776657.8	0.36272	0.000111438	3.9E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.2E-10	2.8E-09	1.5E-09	1.3E-09	4.0E-10	6.1E-09
935	556432.49, 3776657.8	0.37884	0.00011639	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.2E-10	3.0E-09	1.5E-09	1.4E-09	4.2E-10	6.4E-09
936	556452.49, 3776657.8	0.39582	0.000121607	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.3E-10	3.1E-09	1.6E-09	1.4E-09	4.4E-10	6.7E-09
937	556472.49, 3776657.8	0.41336	0.000126996	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.3E-10	3.2E-09	1.7E-09	1.5E-09	4.6E-10	7.0E-09
938	556492.49, 3776657.8	0.43301	0.000133033	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.4E-10	3.4E-09	1.7E-09	1.6E-09	4.8E-10	7.3E-09
939	556252.49, 3776677.8	0.28301	8.69485E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	9.1E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.8E-09
940	556272.49, 3776677.8	0.28802	8.84877E-05	3.1E-08	9.2E-08	5.4E-08	4.9E-08	2.2E-08	9.3E-11	2.2E-09	1.2E-09	1.0E-09	3.2E-10	4.9E-09
941	556292.49, 3776677.8	0.29599	9.09363E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	9.6E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.0E-09
942	556312.49, 3776677.8	0.30557	9.38796E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	9.9E-11	2.4E-09	1.2E-09	1.1E-09	3.4E-10	5.2E-09
943	556332.49, 3776677.8	0.31693	9.73697E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.3E-09
944	556352.49, 3776677.8	0.33025	0.000101462	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.6E-10	5.6E-09
945	556372.49, 3776677.8	0.3442	0.000105748	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.8E-10	5.8E-09
946	556392.49, 3776677.8	0.35836	0.000110098	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.2E-10	2.8E-09	1.4E-09	1.3E-09	4.0E-10	6.0E-09
947	556412.49, 3776677.8	0.3755	0.000115364	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.2E-10	2.9E-09	1.5E-09	1.4E-09	4.1E-10	6.3E-09
948	556432.49, 3776677.8	0.39126	0.000120206	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.3E-10	3.1E-09	1.6E-09	1.4E-09	4.3E-10	6.6E-09
949	556452.49, 3776677.8	0.40916	0.000125705	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.3E-10	3.2E-09	1.6E-09	1.5E-09	4.5E-10	6.9E-09

950	556472.49, 3776677.8	0.42909	0.000131828	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.4E-10	3.3E-09	1.7E-09	1.6E-09	4.7E-10	7.2E-09
951	556492.49, 3776677.8	0.45012	0.000138289	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.5E-10	3.5E-09	1.8E-09	1.6E-09	5.0E-10	7.6E-09
952	556252.49, 3776697.8	0.29856	9.17259E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	9.6E-11	2.3E-09	1.2E-09	1.1E-09	3.3E-10	5.0E-09
953	556272.49, 3776697.8	0.30281	9.30316E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	9.8E-11	2.4E-09	1.2E-09	1.1E-09	3.3E-10	5.1E-09
954	556372.49, 3776697.8	0.35572	0.000109287	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.1E-10	2.8E-09	1.4E-09	1.3E-09	3.9E-10	6.0E-09
955	556392.49, 3776697.8	0.36899	0.000113364	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.2E-10	2.9E-09	1.5E-09	1.3E-09	4.1E-10	6.2E-09
956	556412.49, 3776697.8	0.38676	0.000118823	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.2E-10	3.0E-09	1.6E-09	1.4E-09	4.3E-10	6.5E-09
957	556432.49, 3776697.8	0.40427	0.000124203	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.3E-10	3.2E-09	1.6E-09	1.5E-09	4.5E-10	6.8E-09
958	556452.49, 3776697.8	0.42274	0.000129877	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.4E-10	3.3E-09	1.7E-09	1.5E-09	4.7E-10	7.1E-09
959	556472.49, 3776697.8	0.44434	0.000136514	4.7E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.4E-10	3.5E-09	1.8E-09	1.6E-09	4.9E-10	7.5E-09
960	556492.49, 3776697.8	0.46769	0.000143687	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.5E-10	3.6E-09	1.9E-09	1.7E-09	5.2E-10	7.9E-09
961	556252.49, 3776717.8	0.31422	9.65371E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.0E-10	2.5E-09	1.3E-09	1.1E-09	3.5E-10	5.3E-09
962	556272.49, 3776717.8	0.31976	9.82391E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.0E-10	2.5E-09	1.3E-09	1.2E-09	3.5E-10	5.4E-09
963	556372.49, 3776717.8	0.36885	0.000113321	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.2E-10	2.9E-09	1.5E-09	1.3E-09	4.1E-10	6.2E-09
964	556392.49, 3776717.8	0.38143	0.000117186	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.2E-10	3.0E-09	1.5E-09	1.4E-09	4.2E-10	6.4E-09
965	556412.49, 3776717.8	0.39974	0.000122811	4.3E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.3E-10	3.1E-09	1.6E-09	1.5E-09	4.4E-10	6.7E-09
966	556432.49, 3776717.8	0.41802	0.000128427	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.3E-10	3.3E-09	1.7E-09	1.5E-09	4.6E-10	7.1E-09
967	556452.49, 3776717.8	0.43763	0.000134452	4.7E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.4E-10	3.4E-09	1.8E-09	1.6E-09	4.8E-10	7.4E-09
968	556472.49, 3776717.8	0.46307	0.000142268	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.5E-10	3.6E-09	1.9E-09	1.7E-09	5.1E-10	7.8E-09
969	556492.49, 3776717.8	0.48588	0.000149276	5.2E-08	1.6E-07	9.0E-08	8.2E-08	3.7E-08	1.6E-10	3.8E-09	2.0E-09	1.8E-09	5.4E-10	8.2E-09
970	556267.4, 3776875.81	0.50625	0.000155534	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	1.6E-10	3.9E-09	2.0E-09	1.8E-09	5.6E-10	8.5E-09
971	556239.03, 3776853.0	0.45781	0.000140652	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.5E-10	3.6E-09	1.8E-09	1.7E-09	5.0E-10	7.7E-09
972	556178.76, 3776751.2	0.3336	0.000102491	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.1E-10	2.6E-09	1.3E-09	1.2E-09	3.7E-10	5.6E-09
973	556154.45, 3776774.5	0.34342	0.000105508	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.1E-10	2.7E-09	1.4E-09	1.3E-09	3.8E-10	5.8E-09
974	556119.5, 3776705.11	0.28256	8.68103E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	9.1E-11	2.2E-09	1.1E-09	1.0E-09	3.1E-10	4.8E-09
975	556146.51, 3777267.9	1.07613	0.000330617	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.5E-10	8.4E-09	4.3E-09	3.9E-09	1.2E-09	1.8E-08
976	556151, 3777234.88	1.00838	0.000309802	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	3.3E-10	7.9E-09	4.0E-09	3.7E-09	1.1E-09	1.7E-08
977	556144.93, 3777179.5	0.85412	0.000262409	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	2.8E-10	6.7E-09	3.4E-09	3.1E-09	9.4E-10	1.4E-08
978	556205.18, 3777236.4	1.18781	0.000364928	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	3.8E-10	9.3E-09	4.8E-09	4.3E-09	1.3E-09	2.0E-08
979	556218, 3777200.04	1.11046	0.000341164	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	3.6E-10	8.7E-09	4.5E-09	4.0E-09	1.2E-09	1.9E-08
980	556773.51, 3777349	17.65972	0.005425556	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	5.7E-09	1.4E-07	7.1E-08	6.4E-08	1.9E-08	3.0E-07

Residential DOSEair =		**(Cair*(BR/BW)*A*EF*10^{-6})**
A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =		**DOSEair * CPF * ASF * ED/AT * FAH**
CPF	0.1	Cancer Potency Factor for Benzene[4]
AT	70	Averaging Time[5]

Age	**BR/BW**	**ASF**	**FAH**	**ED (Ops)**
3rd	361	10	0.85	0.25
0<2	1090	10	0.85	2
2<9	631	3	0.72	7
9<16	572	3	0.72	7
16<30	261	1	0.73	13.75

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/yea
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for Benzene, OEHHA 2015, Table 7.1, page 7-4
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Construction and Operational Risk Combined

Discrete Receptor ID	X, Y	Construction Risk	Operations Risk	Benzene Operations Risk	Total Risk
1	556521.71, 3777341.5	0.086277104	0.000705024	0.087849753	1.7E-01
2	556539.9, 3777344.9	0.092251506	0.000753116	0.096482411	1.9E-01
3	556591.78, 3777345.3	0.114511885	0.000931366	0.130490129	2.5E-01
4	556630.62, 3777349.6	0.127686354	0.001050019	0.16511309	2.9E-01
5	556684.29, 3777349.4	0.148922202	0.001263754	0.231268783	3.8E-01
6	556905.58, 3777351.1	0.129732876	0.002063293	0.258413281	3.9E-01
7	556920.93, 3777350.8	0.120539086	0.00193639	0.238038492	3.6E-01
8	556942.87, 3777350.0	0.107161209	0.001677207	0.210035185	3.2E-01
9	556996.26, 3777348.2	0.077754826	0.001024115	0.159128429	2.4E-01
10	557096.81, 3777357.7	0.040403591	0.000462066	0.101874616	1.4E-01
11	557115.83, 3777363.6	0.035581296	0.000407765	0.092686128	1.3E-01
12	557129.36, 3777361.4	0.03339463	0.000381829	0.089879974	1.2E-01
13	557230.65, 3777363.9	0.020252798	0.000241576	0.065544331	8.6E-02
14	556466.22, 3776816.0	0.011315494	0.000116135	0.009399814	2.1E-02
15	556407.87, 3776826.1	0.009937032	0.000106983	0.00872735	1.9E-02
16	556381.07, 3776807.1	0.008791826	9.63533E-05	0.007927448	1.7E-02
17	556404.29, 3776771.5	0.008383671	8.95072E-05	0.007389004	1.6E-02
18	556465.21, 3776739.5	0.008927128	8.93446E-05	0.00795378	1.7E-02
19	556396.1, 3776739.93	0.00753702	8.0476E-05	0.006784225	1.4E-02
20	556323.99, 3777265.4	0.031549353	0.000302776	0.032621941	6.4E-02
21	556330.6, 3777233.95	0.029411863	0.000303733	0.030625816	6.0E-02
22	556321.08, 3777200.4	0.024687587	0.000278412	0.026332949	5.1E-02
23	556275.11, 3777267.8	0.025462809	0.00025069	0.027373547	5.3E-02
24	556278.28, 3777233.4	0.023174828	0.000247341	0.02524644	4.9E-02
25	556509.4, 3777373.38	0.071164931	0.000589145	0.078968634	1.5E-01
26	556529.4, 3777373.38	0.076457177	0.000635135	0.087085804	1.6E-01
27	556549.4, 3777373.38	0.081896358	0.000683327	0.096463844	1.8E-01
28	556569.4, 3777373.38	0.087440501	0.000733121	0.107279986	2.0E-01
29	556589.4, 3777373.38	0.09294151	0.000785591	0.119872655	2.1E-01
30	556609.4, 3777373.38	0.09839124	0.000839611	0.134232568	2.3E-01
31	556629.4, 3777373.38	0.103607781	0.000896417	0.150481423	2.5E-01
32	556649.4, 3777373.38	0.10851185	0.000954362	0.168021025	2.8E-01
33	556669.4, 3777373.38	0.112835238	0.001013732	0.186089956	3.0E-01
34	556689.4, 3777373.38	0.116356394	0.001073078	0.202938021	3.2E-01
35	556709.4, 3777373.38	0.118913249	0.001131057	0.216244508	3.4E-01
36	556729.4, 3777373.38	0.120491827	0.001187989	0.224338891	3.5E-01
37	556749.4, 3777373.38	0.121295022	0.001245624	0.227539341	3.5E-01
38	556769.4, 3777373.38	0.121820808	0.001303391	0.22761766	3.5E-01
39	556789.4, 3777373.38	0.122214873	0.001362843	0.228400851	3.5E-01
40	556809.4, 3777373.38	0.122315023	0.001421469	0.231826469	3.6E-01
41	556829.4, 3777373.38	0.121626748	0.001472045	0.236122712	3.6E-01
42	556849.4, 3777373.38	0.119449042	0.001505532	0.237843876	3.6E-01
43	556869.4, 3777373.38	0.11529075	0.001513083	0.234343821	3.5E-01
44	556889.4, 3777373.38	0.109185599	0.001482869	0.22382087	3.3E-01
45	556909.4, 3777373.38	0.101537002	0.001409286	0.207806972	3.1E-01
46	556929.4, 3777373.38	0.092993444	0.001295998	0.188822855	2.8E-01
47	556949.4, 3777373.38	0.084208163	0.001158118	0.169793671	2.6E-01
48	556969.4, 3777373.38	0.075698051	0.001013322	0.152582367	2.3E-01
49	556989.4, 3777373.38	0.067789901	0.000877317	0.137903439	2.1E-01
50	557009.4, 3777373.38	0.060641262	0.000759253	0.125835711	1.9E-01
51	557029.4, 3777373.38	0.054277774	0.000661696	0.116160092	1.7E-01
52	557049.4, 3777373.38	0.04865039	0.000580548	0.108093391	1.6E-01
53	557069.4, 3777373.38	0.043677412	0.000512542	0.101077415	1.5E-01
54	557089.4, 3777373.38	0.039282985	0.000456318	0.094957552	1.3E-01
55	557109.4, 3777373.38	0.035397099	0.000409075	0.08940854	1.3E-01
56	557129.4, 3777373.38	0.03196142	0.000369108	0.084301255	1.2E-01
57	557149.4, 3777373.38	0.028924615	0.000334972	0.079544381	1.1E-01
58	557169.4, 3777373.38	0.026242357	0.000305733	0.07512779	1.0E-01
59	557189.4, 3777373.38	0.023872654	0.000280669	0.071059415	9.5E-02
60	557209.4, 3777373.38	0.021777016	0.000258633	0.067215871	8.9E-02
61	557229.4, 3777373.38	0.019920453	0.000238968	0.063546687	8.4E-02
62	557249.4, 3777373.38	0.018273807	0.00022145	0.06008461	7.9E-02
63	557269.4, 3777373.38	0.016810256	0.000205782	0.056827615	7.4E-02
64	557289.4, 3777373.38	0.01550764	0.000192026	0.053852332	7.0E-02
65	557309.4, 3777373.38	0.014344966	0.000179742	0.051094621	6.6E-02
66	557329.4, 3777373.38	0.01330241	0.000168342	0.048433121	6.2E-02
67	557349.4, 3777373.38	0.012368309	0.000158332	0.046034936	5.9E-02
68	557369.4, 3777373.38	0.01152517	0.000149075	0.04375119	5.5E-02
69	557389.4, 3777373.38	0.01076483	0.000140648	0.041621214	5.3E-02
70	557409.4, 3777373.38	0.010075626	0.000132947	0.039632178	5.0E-02
71	557429.4, 3777373.38	0.009449396	0.000125752	0.037735471	4.7E-02
72	557449.4, 3777373.38	0.008881474	0.000119308	0.036008906	4.5E-02
73	557469.4, 3777373.38	0.008362532	0.000113266	0.034363023	4.3E-02
74	557489.4, 3777373.38	0.007885571	0.000107457	0.032754443	4.1E-02
75	556509.4, 3777393.38	0.064308731	0.000544707	0.076374313	1.4E-01
76	556529.4, 3777393.38	0.068313498	0.000582525	0.083865774	1.5E-01
77	556549.4, 3777393.38	0.072320605	0.000621827	0.092449483	1.7E-01
78	556569.4, 3777393.38	0.076298573	0.000662222	0.102223676	1.8E-01
79	556589.4, 3777393.38	0.08013312	0.000704995	0.113453187	1.9E-01
80	556609.4, 3777393.38	0.083849915	0.000748694	0.125870651	2.1E-01
81	556629.4, 3777393.38	0.087314853	0.000794321	0.139381544	2.3E-01
82	556649.4, 3777393.38	0.090504625	0.000839506	0.15295202	2.4E-01
83	556669.4, 3777393.38	0.093194166	0.0008848	0.165738461	2.6E-01
84	556689.4, 3777393.38	0.095231882	0.000929441	0.176351885	2.7E-01
85	556709.4, 3777393.38	0.09653264	0.000973519	0.183714051	2.8E-01
86	556729.4, 3777393.38	0.097270202	0.001015102	0.186955855	2.9E-01

87	556749.4, 3777393.38	0.097634606	0.001055767	0.187563166	2.9E-01
88	556769.4, 3777393.38	0.097966371	0.001093791	0.187193345	2.9E-01
89	556789.4, 3777393.38	0.09830625	0.001128637	0.188114438	2.9E-01
90	556809.4, 3777393.38	0.098432596	0.001158678	0.191200617	2.9E-01
91	556829.4, 3777393.38	0.097987378	0.001178816	0.194733924	2.9E-01
92	556849.4, 3777393.38	0.096523926	0.001182908	0.196041549	2.9E-01
93	556869.4, 3777393.38	0.093692357	0.001171188	0.193913261	2.9E-01
94	556889.4, 3777393.38	0.089476347	0.001142475	0.187585447	2.8E-01
95	556909.4, 3777393.38	0.084126631	0.001089298	0.176501434	2.6E-01
96	556929.4, 3777393.38	0.078016378	0.001018479	0.162971298	2.4E-01
97	556949.4, 3777393.38	0.071565449	0.000930004	0.148122735	2.2E-01
98	556969.4, 3777393.38	0.065149444	0.000837746	0.134298903	2.0E-01
99	556989.4, 3777393.38	0.059034363	0.000747157	0.122033182	1.8E-01
100	557009.4, 3777393.38	0.053382375	0.000663773	0.111629398	1.7E-01
101	557029.4, 3777393.38	0.048259977	0.000589296	0.102914032	1.5E-01
102	557049.4, 3777393.38	0.043664824	0.000525305	0.095779565	1.4E-01
103	557069.4, 3777393.38	0.039558408	0.000470463	0.089806719	1.3E-01
104	557089.4, 3777393.38	0.035885896	0.000423454	0.084659262	1.2E-01
105	557109.4, 3777393.38	0.032600618	0.000383209	0.08011574	1.1E-01
106	557129.4, 3777393.38	0.029654745	0.000347617	0.075817978	1.1E-01
107	557149.4, 3777393.38	0.027019111	0.000317662	0.072008866	9.9E-02
108	557169.4, 3777393.38	0.024657552	0.000291056	0.068338501	9.3E-02
109	557189.4, 3777393.38	0.022545574	0.000267901	0.064914065	8.8E-02
110	557209.4, 3777393.38	0.020661012	0.00024798	0.061789402	8.3E-02
111	557229.4, 3777393.38	0.018977041	0.00023018	0.058801966	7.8E-02
112	557249.4, 3777393.38	0.017469169	0.0002139	0.055874957	7.4E-02
113	557269.4, 3777393.38	0.016121067	0.000199489	0.053151173	6.9E-02
114	557289.4, 3777393.38	0.014912909	0.000186459	0.050560903	6.6E-02
115	557309.4, 3777393.38	0.013827202	0.000174475	0.048060262	6.2E-02
116	557329.4, 3777393.38	0.012854615	0.00016412	0.045838631	5.9E-02
117	557349.4, 3777393.38	0.011976488	0.000154521	0.043695152	5.6E-02
118	557369.4, 3777393.38	0.011182327	0.000145809	0.041690587	5.3E-02
119	557389.4, 3777393.38	0.010463968	0.000137821	0.039797931	5.0E-02
120	557409.4, 3777393.38	0.009809749	0.000130353	0.037978362	4.8E-02
121	557429.4, 3777393.38	0.009215004	0.000123551	0.036283867	4.6E-02
122	557449.4, 3777393.38	0.008673903	0.000117364	0.034712758	4.4E-02
123	557469.4, 3777393.38	0.008177118	0.000111488	0.033188067	4.1E-02
124	557489.4, 3777393.38	0.007721148	0.000105909	0.031712494	4.0E-02
125	556509.4, 3777413.38	0.057662533	0.000503574	0.073647322	1.3E-01
126	556529.4, 3777413.38	0.060629394	0.000535168	0.080595275	1.4E-01
127	556549.4, 3777413.38	0.063532125	0.000567886	0.088488797	1.5E-01
128	556569.4, 3777413.38	0.066355571	0.00060149	0.097350842	1.6E-01
129	556589.4, 3777413.38	0.069075246	0.000635937	0.10712858	1.8E-01
130	556609.4, 3777413.38	0.071655003	0.000671163	0.117599543	1.9E-01
131	556629.4, 3777413.38	0.074012049	0.000707243	0.128371799	2.0E-01
132	556649.4, 3777413.38	0.076103245	0.000742402	0.138405087	2.2E-01
133	556669.4, 3777413.38	0.077745501	0.000777497	0.147072853	2.3E-01
134	556689.4, 3777413.38	0.078887509	0.000811398	0.153327749	2.3E-01
135	556709.4, 3777413.38	0.079550249	0.000843773	0.156732944	2.4E-01
136	556729.4, 3777413.38	0.079899298	0.000873717	0.157509552	2.4E-01
137	556749.4, 3777413.38	0.080139875	0.000900825	0.156925872	2.4E-01
138	556769.4, 3777413.38	0.080364058	0.000925937	0.157041831	2.4E-01
139	556789.4, 3777413.38	0.080660478	0.000945362	0.1582443	2.4E-01
140	556809.4, 3777413.38	0.080781858	0.000959672	0.161071891	2.4E-01
141	556829.4, 3777413.38	0.080494979	0.000964555	0.163803439	2.5E-01
142	556849.4, 3777413.38	0.079465155	0.00095901	0.16504186	2.5E-01
143	556869.4, 3777413.38	0.077466162	0.000945185	0.16405325	2.4E-01
144	556889.4, 3777413.38	0.074485193	0.000918945	0.15957083	2.3E-01
145	556909.4, 3777413.38	0.070647019	0.000881276	0.151988898	2.2E-01
146	556929.4, 3777413.38	0.066187195	0.000834065	0.142327457	2.1E-01
147	556949.4, 3777413.38	0.061379779	0.000772615	0.130708207	1.9E-01
148	556969.4, 3777413.38	0.056476691	0.000708137	0.119420125	1.8E-01
149	556989.4, 3777413.38	0.05169489	0.000643284	0.108998955	1.6E-01
150	557009.4, 3777413.38	0.047182521	0.000582441	0.099992594	1.5E-01
151	557029.4, 3777413.38	0.043022404	0.000525666	0.092236975	1.4E-01
152	557049.4, 3777413.38	0.039242531	0.000475374	0.08585346	1.3E-01
153	557069.4, 3777413.38	0.035832399	0.000430895	0.080529784	1.2E-01
154	557089.4, 3777413.38	0.032757015	0.000391693	0.076004154	1.1E-01
155	557109.4, 3777413.38	0.029980216	0.000357547	0.072111998	1.0E-01
156	557129.4, 3777413.38	0.027462345	0.000326415	0.068436062	9.6E-02
157	557149.4, 3777413.38	0.025187065	0.000300286	0.065301609	9.1E-02
158	557169.4, 3777413.38	0.023121719	0.000276378	0.062223026	8.6E-02
159	557189.4, 3777413.38	0.021254638	0.00025562	0.05940877	8.1E-02
160	557209.4, 3777413.38	0.019569492	0.00023741	0.056796726	7.7E-02
161	557229.4, 3777413.38	0.018046452	0.000220799	0.054235657	7.3E-02
162	557249.4, 3777413.38	0.01667269	0.000205957	0.051809452	6.9E-02
163	557269.4, 3777413.38	0.015436539	0.00019266	0.049515242	6.5E-02
164	557289.4, 3777413.38	0.014321674	0.000180596	0.047319943	6.2E-02
165	557309.4, 3777413.38	0.013314099	0.000169617	0.045223894	5.9E-02
166	557329.4, 3777413.38	0.012404484	0.000159514	0.043203125	5.6E-02
167	557349.4, 3777413.38	0.011582334	0.000150644	0.041375623	5.3E-02
168	557369.4, 3777413.38	0.010834818	0.000142161	0.039547108	5.1E-02
169	557389.4, 3777413.38	0.010157274	0.00013468	0.037894642	4.8E-02
170	557409.4, 3777413.38	0.009539205	0.000127731	0.036311549	4.6E-02
171	557429.4, 3777413.38	0.008973614	0.000121023	0.034729806	4.4E-02
172	557449.4, 3777413.38	0.008458169	0.000115076	0.033302339	4.2E-02
173	557469.4, 3777413.38	0.007987038	0.000109629	0.031967875	4.0E-02
174	557489.4, 3777413.38	0.007552059	0.000104349	0.030640839	3.8E-02
175	556509.4, 3777433.38	0.051446708	0.00046597	0.070933835	1.2E-01
176	556529.4, 3777433.38	0.053642717	0.000492286	0.077328321	1.3E-01
177	556549.4, 3777433.38	0.055772264	0.000519191	0.084455024	1.4E-01
178	556569.4, 3777433.38	0.057827188	0.000546545	0.09225301	1.5E-01
179	556589.4, 3777433.38	0.059762007	0.000575035	0.100702361	1.6E-01
180	556609.4, 3777433.38	0.061573229	0.0006036	0.109308181	1.7E-01

181	556629.4, 3777433.38	0.063188554	0.000632122	0.117566291	1.8E-01
182	556649.4, 3777433.38	0.064529854	0.000659975	0.124740762	1.9E-01
183	556669.4, 3777433.38	0.06552016	0.000686768	0.130153728	2.0E-01
184	556689.4, 3777433.38	0.066126811	0.000712695	0.133525164	2.0E-01
185	556709.4, 3777433.38	0.066464083	0.000736069	0.134591418	2.0E-01
186	556729.4, 3777433.38	0.066634571	0.000757576	0.134351565	2.0E-01
187	556749.4, 3777433.38	0.066824849	0.000775375	0.133612597	2.0E-01
188	556769.4, 3777433.38	0.067029047	0.000791098	0.134025292	2.0E-01
189	556789.4, 3777433.38	0.067290325	0.000801204	0.135396383	2.0E-01
190	556809.4, 3777433.38	0.067419743	0.000805986	0.1376911	2.1E-01
191	556829.4, 3777433.38	0.067217905	0.000804493	0.1399183	2.1E-01
192	556849.4, 3777433.38	0.066473754	0.000795362	0.140853403	2.1E-01
193	556869.4, 3777433.38	0.065025205	0.000782076	0.140334708	2.1E-01
194	556889.4, 3777433.38	0.062853614	0.000761436	0.137383393	2.0E-01
195	556909.4, 3777433.38	0.060034775	0.000733967	0.132138037	1.9E-01
196	556929.4, 3777433.38	0.056719113	0.000698617	0.124825833	1.8E-01
197	556949.4, 3777433.38	0.053081549	0.000656767	0.116248707	1.7E-01
198	556969.4, 3777433.38	0.049294689	0.000609108	0.107010764	1.6E-01
199	556989.4, 3777433.38	0.045518319	0.000560546	0.098175725	1.4E-01
200	557009.4, 3777433.38	0.041887738	0.000515584	0.090516655	1.3E-01
201	557029.4, 3777433.38	0.038482258	0.000471702	0.083639931	1.2E-01
202	557049.4, 3777433.38	0.0353497	0.000431745	0.077868453	1.1E-01
203	557069.4, 3777433.38	0.032494729	0.000394972	0.072944645	1.1E-01
204	557089.4, 3777433.38	0.029903347	0.000362002	0.068802002	9.9E-02
205	557109.4, 3777433.38	0.027547562	0.000332869	0.065307686	9.3E-02
206	557129.4, 3777433.38	0.025399383	0.00030617	0.06213036	8.8E-02
207	557149.4, 3777433.38	0.023438978	0.000283045	0.059392398	8.3E-02
208	557169.4, 3777433.38	0.021641856	0.000261662	0.056745582	7.9E-02
209	557189.4, 3777433.38	0.020001015	0.000243181	0.054397359	7.5E-02
210	557209.4, 3777433.38	0.018502457	0.000226638	0.052189064	7.1E-02
211	557229.4, 3777433.38	0.017134519	0.00021127	0.049987013	6.7E-02
212	557249.4, 3777433.38	0.015892533	0.000197962	0.048006248	6.4E-02
213	557269.4, 3777433.38	0.014762504	0.000185638	0.046049283	6.1E-02
214	557289.4, 3777433.38	0.013735101	0.000174291	0.044140592	5.8E-02
215	557309.4, 3777433.38	0.012804493	0.000164333	0.04240373	5.5E-02
216	557329.4, 3777433.38	0.011956684	0.000154855	0.040651171	5.3E-02
217	557349.4, 3777433.38	0.011184678	0.000145996	0.038931188	5.0E-02
218	557369.4, 3777433.38	0.010484976	0.000138231	0.037383879	4.8E-02
219	557389.4, 3777433.38	0.009849413	0.000131432	0.035996753	4.6E-02
220	557409.4, 3777433.38	0.009266329	0.000124883	0.034602875	4.4E-02
221	557429.4, 3777433.38	0.008729891	0.00011841	0.033164774	4.2E-02
222	557449.4, 3777433.38	0.008240101	0.000112735	0.031881286	4.0E-02
223	557469.4, 3777433.38	0.007791127	0.000107431	0.030650629	3.9E-02
224	557489.4, 3777433.38	0.007377138	0.000102493	0.029477023	3.7E-02
225	556509.4, 3777453.38	0.045811667	0.000431393	0.068238745	1.1E-01
226	556529.4, 3777453.38	0.047446735	0.000453419	0.074089555	1.2E-01
227	556549.4, 3777453.38	0.049018836	0.000475962	0.080506998	1.3E-01
228	556569.4, 3777453.38	0.050538466	0.000498415	0.087270462	1.4E-01
229	556589.4, 3777453.38	0.051956648	0.000521484	0.094296059	1.5E-01
230	556609.4, 3777453.38	0.053251228	0.000544239	0.101047707	1.5E-01
231	556629.4, 3777453.38	0.054337076	0.000567173	0.107198797	1.6E-01
232	556649.4, 3777453.38	0.055186208	0.000588912	0.111979977	1.7E-01
233	556669.4, 3777453.38	0.05576247	0.000609322	0.115042356	1.7E-01
234	556689.4, 3777453.38	0.056081011	0.000628494	0.116426276	1.7E-01
235	556709.4, 3777453.38	0.056249105	0.000645374	0.116332428	1.7E-01
236	556729.4, 3777453.38	0.056349529	0.000660688	0.115793308	1.7E-01
237	556749.4, 3777453.38	0.056497722	0.000672912	0.115444248	1.7E-01
238	556769.4, 3777453.38	0.056708835	0.000681773	0.115966995	1.7E-01
239	556789.4, 3777453.38	0.056935051	0.000686399	0.117388723	1.8E-01
240	556809.4, 3777453.38	0.057051595	0.000686772	0.119346195	1.8E-01
241	556829.4, 3777453.38	0.056898716	0.000683533	0.121274803	1.8E-01
242	556849.4, 3777453.38	0.05634932	0.000674764	0.122133951	1.8E-01
243	556869.4, 3777453.38	0.055272807	0.000663256	0.121900344	1.8E-01
244	556889.4, 3777453.38	0.053662189	0.000645321	0.119608159	1.7E-01
245	556909.4, 3777453.38	0.051551275	0.00062449	0.115892389	1.7E-01
246	556929.4, 3777453.38	0.049042683	0.000596828	0.110257969	1.6E-01
247	556949.4, 3777453.38	0.046251858	0.000565988	0.103708532	1.5E-01
248	556969.4, 3777453.38	0.04329892	0.00053113	0.096448991	1.4E-01
249	556989.4, 3777453.38	0.040296998	0.000494389	0.089124127	1.3E-01
250	557009.4, 3777453.38	0.037352224	0.000458064	0.082279137	1.2E-01
251	557029.4, 3777453.38	0.034547405	0.00042369	0.076226959	1.1E-01
252	557049.4, 3777453.38	0.031930359	0.000391553	0.070999663	1.0E-01
253	557069.4, 3777453.38	0.029524411	0.000362077	0.066588642	9.6E-02
254	557089.4, 3777453.38	0.02732373	0.000334661	0.062795904	9.0E-02
255	557109.4, 3777453.38	0.025314322	0.000309851	0.059587858	8.5E-02
256	557129.4, 3777453.38	0.023474026	0.000286924	0.056743726	8.1E-02
257	557149.4, 3777453.38	0.021785348	0.000266594	0.05429524	7.6E-02
258	557169.4, 3777453.38	0.020224963	0.000247406	0.05193959	7.2E-02
259	557189.4, 3777453.38	0.018789371	0.000230805	0.049898398	6.9E-02
260	557209.4, 3777453.38	0.017466906	0.000215989	0.048026672	6.6E-02
261	557229.4, 3777453.38	0.016245905	0.00020203	0.046150726	6.3E-02
262	557249.4, 3777453.38	0.015127534	0.000189895	0.044472604	6.0E-02
263	557269.4, 3777453.38	0.014100127	0.000178493	0.0427906	5.7E-02
264	557289.4, 3777453.38	0.013160187	0.000168077	0.041173242	5.5E-02
265	557309.4, 3777453.38	0.012301881	0.000158755	0.039665768	5.2E-02
266	557329.4, 3777453.38	0.011515879	0.000150035	0.038178211	5.0E-02
267	557349.4, 3777453.38	0.010797517	0.000142067	0.03676104	4.8E-02
268	557369.4, 3777453.38	0.010139796	0.000134423	0.035326483	4.6E-02
269	557389.4, 3777453.38	0.009539218	0.000127694	0.034032192	4.4E-02
270	557409.4, 3777453.38	0.008991119	0.000121694	0.03284829	4.2E-02
271	557429.4, 3777453.38	0.008486168	0.000115838	0.031638733	4.0E-02
272	557449.4, 3777453.38	0.008022033	0.000110398	0.030480656	3.9E-02
273	557469.4, 3777453.38	0.00759405	0.000105272	0.029356	3.7E-02
274	557489.4, 3777453.38	0.007199885	0.000100429	0.028263415	3.6E-02

275	556509.4, 3777473.38	0.040805208	0.000399739	0.065583153	1.1E-01
276	556529.4, 3777473.38	0.042054259	0.000417838	0.070804541	1.1E-01
277	556549.4, 3777473.38	0.043250835	0.000436373	0.07640824	1.2E-01
278	556569.4, 3777473.38	0.044376279	0.000455403	0.082256519	1.3E-01
279	556589.4, 3777473.38	0.045429426	0.000473835	0.087866464	1.3E-01
280	556609.4, 3777473.38	0.04634614	0.000492049	0.092977968	1.4E-01
281	556629.4, 3777473.38	0.047073945	0.000509943	0.097220873	1.4E-01
282	556649.4, 3777473.38	0.047587183	0.000527084	0.10021793	1.5E-01
283	556669.4, 3777473.38	0.04790451	0.000542587	0.101688101	1.5E-01
284	556689.4, 3777473.38	0.048066731	0.000556566	0.101898246	1.5E-01
285	556709.4, 3777473.38	0.048144969	0.00056917	0.101434577	1.5E-01
286	556729.4, 3777473.38	0.048223175	0.000579978	0.100939512	1.5E-01
287	556749.4, 3777473.38	0.048373645	0.000587451	0.100788782	1.5E-01
288	556769.4, 3777473.38	0.048561387	0.000592675	0.101561339	1.5E-01
289	556789.4, 3777473.38	0.048759587	0.000593999	0.102893439	1.5E-01
290	556809.4, 3777473.38	0.048856295	0.000592587	0.10459131	1.5E-01
291	556829.4, 3777473.38	0.04874657	0.000588292	0.106106887	1.6E-01
292	556849.4, 3777473.38	0.048321971	0.000581217	0.106982407	1.6E-01
293	556869.4, 3777473.38	0.047507872	0.00057147	0.106891597	1.5E-01
294	556889.4, 3777473.38	0.04628562	0.000556837	0.105219551	1.5E-01
295	556909.4, 3777473.38	0.044676197	0.00054049	0.102521592	1.5E-01
296	556929.4, 3777473.38	0.042749571	0.000519884	0.098420979	1.4E-01
297	556949.4, 3777473.38	0.04058387	0.000495897	0.093289557	1.3E-01
298	556969.4, 3777473.38	0.038260728	0.000468955	0.087454275	1.3E-01
299	556989.4, 3777473.38	0.035860615	0.000440485	0.081401591	1.2E-01
300	557009.4, 3777473.38	0.033464003	0.000412035	0.075575762	1.1E-01
301	557029.4, 3777473.38	0.031138535	0.000384001	0.07016364	1.0E-01
302	557049.4, 3777473.38	0.028936692	0.000357326	0.065363218	9.5E-02
303	557069.4, 3777473.38	0.026891127	0.000332863	0.061291974	8.9E-02
304	557089.4, 3777473.38	0.025007671	0.000309637	0.057738919	8.3E-02
305	557109.4, 3777473.38	0.023280496	0.000288543	0.054760091	7.8E-02
306	557129.4, 3777473.38	0.021693272	0.000268597	0.052112939	7.4E-02
307	557149.4, 3777473.38	0.020233173	0.000250971	0.04990228	7.0E-02
308	557169.4, 3777473.38	0.018880372	0.000233981	0.047788676	6.7E-02
309	557189.4, 3777473.38	0.017626704	0.000219041	0.045961174	6.4E-02
310	557209.4, 3777473.38	0.01646284	0.000205535	0.044293854	6.1E-02
311	557229.4, 3777473.38	0.01538178	0.000192999	0.042690338	5.8E-02
312	557249.4, 3777473.38	0.014380025	0.000181902	0.04123924	5.6E-02
313	557269.4, 3777473.38	0.013451743	0.000171394	0.039782065	5.3E-02
314	557289.4, 3777473.38	0.012595767	0.000161818	0.038395445	5.1E-02
315	557309.4, 3777473.38	0.011806265	0.000153143	0.037087819	4.9E-02
316	557329.4, 3777473.38	0.011080904	0.000145162	0.035829143	4.7E-02
317	557349.4, 3777473.38	0.010413853	0.000137659	0.034583127	4.5E-02
318	557369.4, 3777473.38	0.009800446	0.000130761	0.033391123	4.3E-02
319	557389.4, 3777473.38	0.009236019	0.000124263	0.032217011	4.2E-02
320	557409.4, 3777473.38	0.00871824	0.00011843	0.031133203	4.0E-02
321	557429.4, 3777473.38	0.008241277	0.000112817	0.030043318	3.8E-02
322	557449.4, 3777473.38	0.007802797	0.000107874	0.029065679	3.7E-02
323	557469.4, 3777473.38	0.007398137	0.00010301	0.02806019	3.6E-02
324	557489.4, 3777473.38	0.007022631	9.84188E-05	0.027083226	3.4E-02
325	556509.4, 3777493.38	0.03641916	0.000370736	0.062943934	1.0E-01
326	556529.4, 3777493.38	0.037375486	0.000386306	0.067668062	1.1E-01
327	556549.4, 3777493.38	0.038301494	0.000401591	0.072473717	1.1E-01
328	556569.4, 3777493.38	0.039180858	0.000416141	0.0770618	1.2E-01
329	556589.4, 3777493.38	0.039951773	0.000431054	0.081418639	1.2E-01
330	556609.4, 3777493.38	0.040580421	0.000445991	0.085202601	1.3E-01
331	556629.4, 3777493.38	0.041055142	0.000459794	0.087905961	1.3E-01
332	556649.4, 3777493.38	0.041357274	0.000472881	0.089514035	1.3E-01
333	556669.4, 3777493.38	0.041507802	0.000485306	0.090134342	1.3E-01
334	556689.4, 3777493.38	0.04158252	0.000495745	0.089815496	1.3E-01
335	556709.4, 3777493.38	0.041632728	0.000504816	0.08923266	1.3E-01
336	556729.4, 3777493.38	0.041700399	0.000512599	0.088961581	1.3E-01
337	556749.4, 3777493.38	0.041849672	0.000516886	0.089011712	1.3E-01
338	556769.4, 3777493.38	0.042019902	0.000519693	0.089883856	1.3E-01
339	556789.4, 3777493.38	0.042191271	0.000519319	0.091103373	1.3E-01
340	556809.4, 3777493.38	0.042277488	0.000516642	0.092454547	1.4E-01
341	556829.4, 3777493.38	0.042188766	0.000512939	0.093778376	1.4E-01
342	556849.4, 3777493.38	0.041863311	0.00050645	0.094444426	1.4E-01
343	556869.4, 3777493.38	0.041233488	0.000498496	0.094472446	1.4E-01
344	556889.4, 3777493.38	0.04028764	0.000487149	0.093360111	1.3E-01
345	556909.4, 3777493.38	0.039039756	0.000474007	0.091362467	1.3E-01
346	556929.4, 3777493.38	0.037538811	0.000457656	0.088240843	1.3E-01
347	556949.4, 3777493.38	0.035839613	0.000438853	0.084256357	1.2E-01
348	556969.4, 3777493.38	0.033994639	0.000417439	0.079540162	1.1E-01
349	556989.4, 3777493.38	0.032064533	0.000395251	0.074608757	1.1E-01
350	557009.4, 3777493.38	0.030104108	0.000372564	0.069672289	1.0E-01
351	557029.4, 3777493.38	0.02817051	0.0003496	0.064900561	9.3E-02
352	557049.4, 3777493.38	0.026311552	0.000327425	0.060557057	8.7E-02
353	557069.4, 3777493.38	0.024561056	0.000306746	0.056778834	8.2E-02
354	557089.4, 3777493.38	0.022935346	0.000286898	0.053441157	7.7E-02
355	557109.4, 3777493.38	0.021439088	0.000269047	0.05067585	7.2E-02
356	557129.4, 3777493.38	0.020061788	0.000251771	0.048196982	6.9E-02
357	557149.4, 3777493.38	0.018791782	0.000236082	0.046092325	6.5E-02
358	557169.4, 3777493.38	0.017613912	0.000221381	0.044206758	6.2E-02
359	557189.4, 3777493.38	0.01651768	0.000207648	0.04248188	5.9E-02
360	557209.4, 3777493.38	0.015497256	0.000195599	0.041006476	5.7E-02
361	557229.4, 3777493.38	0.014542144	0.000184178	0.039577659	5.4E-02
362	557249.4, 3777493.38	0.013650009	0.000173846	0.038264294	5.2E-02
363	557269.4, 3777493.38	0.012817353	0.00016441	0.037030262	5.0E-02
364	557289.4, 3777493.38	0.012041842	0.000155633	0.035833194	4.8E-02
365	557309.4, 3777493.38	0.011319977	0.000147459	0.034665665	4.6E-02
366	557329.4, 3777493.38	0.010652924	0.000140016	0.033563121	4.4E-02
367	557349.4, 3777493.38	0.010034852	0.000133144	0.032502775	4.3E-02
368	557369.4, 3777493.38	0.009463427	0.0001267	0.031461333	4.1E-02

369	557389.4, 3777493.38	0.008936318	0.000120785	0.030470697	4.0E-02
370	557409.4, 3777493.38	0.008450025	0.000115242	0.029504874	3.8E-02
371	557429.4, 3777493.38	0.007998717	0.000109761	0.028496346	3.7E-02
372	557449.4, 3777493.38	0.007583561	0.000105002	0.027608336	3.5E-02
373	557469.4, 3777493.38	0.007201058	0.000100592	0.02676151	3.4E-02
374	557489.4, 3777493.38	0.006845377	9.62852E-05	0.025898818	3.3E-02
375	556509.4, 3777513.38	0.032611536	0.000344117	0.060288173	9.3E-02
376	556529.4, 3777513.38	0.033370766	0.000356917	0.064355703	9.8E-02
377	556549.4, 3777513.38	0.034096177	0.000369263	0.068309807	1.0E-01
378	556569.4, 3777513.38	0.034734128	0.000382415	0.072241967	1.1E-01
379	556589.4, 3777513.38	0.035291618	0.000394404	0.075484615	1.1E-01
380	556609.4, 3777513.38	0.035728998	0.000405571	0.077907106	1.1E-01
381	556629.4, 3777513.38	0.03601128	0.000417044	0.079651733	1.2E-01
382	556649.4, 3777513.38	0.036176947	0.000427105	0.08033635	1.2E-01
383	556669.4, 3777513.38	0.036252813	0.000436149	0.080257693	1.2E-01
384	556689.4, 3777513.38	0.036293684	0.000443553	0.079662366	1.2E-01
385	556709.4, 3777513.38	0.036332201	0.000450201	0.079181818	1.2E-01
386	556729.4, 3777513.38	0.036403347	0.00045565	0.079113626	1.2E-01
387	556749.4, 3777513.38	0.036542108	0.000458214	0.079388587	1.2E-01
388	556769.4, 3777513.38	0.036691339	0.000459708	0.080313394	1.2E-01
389	556789.4, 3777513.38	0.036837054	0.000458656	0.081427754	1.2E-01
390	556809.4, 3777513.38	0.036913951	0.00045538	0.082481855	1.2E-01
391	556829.4, 3777513.38	0.036847401	0.000451736	0.083519921	1.2E-01
392	556849.4, 3777513.38	0.036590766	0.000446167	0.084062585	1.2E-01
393	556869.4, 3777513.38	0.036096237	0.000439609	0.084145461	1.2E-01
394	556889.4, 3777513.38	0.035352152	0.000430818	0.083434681	1.2E-01
395	556909.4, 3777513.38	0.034372505	0.000419595	0.081838592	1.2E-01
396	556929.4, 3777513.38	0.033186445	0.000406895	0.079542187	1.1E-01
397	556949.4, 3777513.38	0.03183712	0.000391924	0.076440648	1.1E-01
398	556969.4, 3777513.38	0.030360681	0.000374774	0.07265483	1.0E-01
399	556989.4, 3777513.38	0.028796778	0.000356617	0.068537337	9.8E-02
400	557009.4, 3777513.38	0.027188562	0.000338319	0.064381528	9.2E-02
401	557029.4, 3777513.38	0.025574519	0.000319425	0.060228083	8.6E-02
402	557049.4, 3777513.38	0.024001295	0.000301154	0.056381162	8.1E-02
403	557069.4, 3777513.38	0.02249688	0.000283292	0.052856633	7.6E-02
404	557089.4, 3777513.38	0.021088095	0.000266439	0.04976539	7.1E-02
405	557109.4, 3777513.38	0.019780771	0.000250795	0.047115875	6.7E-02
406	557129.4, 3777513.38	0.018574908	0.000236025	0.04481255	6.4E-02
407	557149.4, 3777513.38	0.017462343	0.000222336	0.042836511	6.1E-02
408	557169.4, 3777513.38	0.016431415	0.000209375	0.04107855	5.8E-02
409	557189.4, 3777513.38	0.015470463	0.000197079	0.03947841	5.5E-02
410	557209.4, 3777513.38	0.014574821	0.00018624	0.038127405	5.3E-02
411	557229.4, 3777513.38	0.013731661	0.000175709	0.036805432	5.1E-02
412	557249.4, 3777513.38	0.012942149	0.00016645	0.03566069	4.9E-02
413	557269.4, 3777513.38	0.012196955	0.000157647	0.034539241	4.7E-02
414	557289.4, 3777513.38	0.011498411	0.000149488	0.033468936	4.5E-02
415	557309.4, 3777513.38	0.010844184	0.000142085	0.032474418	4.3E-02
416	557329.4, 3777513.38	0.010233107	0.000135172	0.031507582	4.2E-02
417	557349.4, 3777513.38	0.009662848	0.00012869	0.030560157	4.0E-02
418	557369.4, 3777513.38	0.009132239	0.000122622	0.029635012	3.9E-02
419	557389.4, 3777513.38	0.00864128	0.000117081	0.028763881	3.8E-02
420	557409.4, 3777513.38	0.008185308	0.000111927	0.027922963	3.6E-02
421	557429.4, 3777513.38	0.007760822	0.000106909	0.027061452	3.5E-02
422	557449.4, 3777513.38	0.007368989	0.000102286	0.026243659	3.4E-02
423	557469.4, 3777513.38	0.007005145	9.80083E-05	0.025465194	3.3E-02
424	557489.4, 3777513.38	0.006668122	9.40067E-05	0.024713229	3.1E-02
425	556509.4, 3777533.38	0.029313531	0.000319675	0.057597472	8.7E-02
426	556529.4, 3777533.38	0.029915316	0.000330463	0.061078453	9.1E-02
427	556549.4, 3777533.38	0.030473954	0.000340786	0.064320426	9.5E-02
428	556569.4, 3777533.38	0.030960291	0.000350851	0.06719224	9.9E-02
429	556589.4, 3777533.38	0.031351007	0.000360473	0.069484087	1.0E-01
430	556609.4, 3777533.38	0.031629773	0.000369727	0.07108811	1.0E-01
431	556629.4, 3777533.38	0.031797755	0.000378418	0.071936623	1.0E-01
432	556649.4, 3777533.38	0.031879439	0.000386228	0.072063217	1.0E-01
433	556669.4, 3777533.38	0.031916803	0.000392632	0.071611869	1.0E-01
434	556689.4, 3777533.38	0.031936661	0.000398457	0.071098744	1.0E-01
435	556709.4, 3777533.38	0.031970495	0.000403603	0.07083678	1.0E-01
436	556729.4, 3777533.38	0.032047459	0.000407247	0.070924383	1.0E-01
437	556749.4, 3777533.38	0.032171052	0.000408889	0.071376237	1.0E-01
438	556769.4, 3777533.38	0.032308621	0.000409233	0.072232514	1.0E-01
439	556789.4, 3777533.38	0.032427518	0.000408215	0.073276995	1.1E-01
440	556809.4, 3777533.38	0.032492763	0.000405099	0.074147113	1.1E-01
441	556829.4, 3777533.38	0.032439054	0.000401973	0.075014025	1.1E-01
442	556849.4, 3777533.38	0.032237243	0.000396803	0.075378952	1.1E-01
443	556869.4, 3777533.38	0.031843017	0.000391164	0.075448325	1.1E-01
444	556889.4, 3777533.38	0.031249381	0.000384237	0.075001703	1.1E-01
445	556909.4, 3777533.38	0.030467996	0.000375258	0.073842614	1.0E-01
446	556929.4, 3777533.38	0.029521015	0.000364647	0.072029965	1.0E-01
447	556949.4, 3777533.38	0.028437592	0.000352387	0.069574222	9.8E-02
448	556969.4, 3777533.38	0.027244548	0.000338341	0.066509142	9.4E-02
449	556989.4, 3777533.38	0.025969872	0.000323557	0.063125891	8.9E-02
450	557009.4, 3777533.38	0.024643886	0.000308475	0.05961267	8.5E-02
451	557029.4, 3777533.38	0.023295746	0.000292883	0.056035984	8.0E-02
452	557049.4, 3777533.38	0.021959271	0.000277544	0.052622857	7.5E-02
453	557069.4, 3777533.38	0.020665947	0.000262525	0.049448907	7.0E-02
454	557089.4, 3777533.38	0.019439097	0.00024804	0.046582157	6.6E-02
455	557109.4, 3777533.38	0.018291549	0.000234377	0.044071219	6.3E-02
456	557129.4, 3777533.38	0.017229134	0.000221673	0.041915924	5.9E-02
457	557149.4, 3777533.38	0.016246021	0.000209666	0.040039134	5.6E-02
458	557169.4, 3777533.38	0.01533638	0.000197978	0.038340082	5.4E-02
459	557189.4, 3777533.38	0.014489716	0.000187074	0.036848811	5.2E-02
460	557209.4, 3777533.38	0.013700197	0.00017733	0.035588785	4.9E-02
461	557229.4, 3777533.38	0.012954997	0.000167605	0.034342093	4.7E-02
462	557249.4, 3777533.38	0.01225528	0.00015917	0.033298963	4.6E-02

463	557269.4, 3777533.38	0.011592884	0.000151062	0.032280646	4.4E-02
464	557289.4, 3777533.38	0.010966643	0.000143639	0.03134031	4.2E-02
465	557309.4, 3777533.38	0.010376554	0.000136743	0.03044656	4.1E-02
466	557329.4, 3777533.38	0.009820287	0.00013032	0.029588088	4.0E-02
467	557349.4, 3777533.38	0.00929784	0.000124344	0.028762699	3.8E-02
468	557369.4, 3777533.38	0.008808047	0.000118677	0.027945412	3.7E-02
469	557389.4, 3777533.38	0.008349741	0.000113298	0.02713437	3.6E-02
470	557409.4, 3777533.38	0.007924088	0.000108526	0.026402998	3.4E-02
471	557429.4, 3777533.38	0.007526425	0.000103907	0.02565981	3.3E-02
472	557449.4, 3777533.38	0.007157915	9.9622E-05	0.024950718	3.2E-02
473	557469.4, 3777533.38	0.006812729	9.54568E-05	0.02422711	3.1E-02
474	557489.4, 3777533.38	0.006492033	9.15829E-05	0.023535235	3.0E-02
475	556509.4, 3777553.38	0.026449346	0.000297426	0.054909472	8.2E-02
476	556529.4, 3777553.38	0.026927508	0.000306298	0.057766094	8.5E-02
477	556549.4, 3777553.38	0.027355526	0.00031466	0.060278552	8.8E-02
478	556569.4, 3777553.38	0.027706578	0.00032297	0.062415786	9.0E-02
479	556589.4, 3777553.38	0.027969005	0.000330876	0.063978793	9.2E-02
480	556609.4, 3777553.38	0.028145138	0.000337959	0.064822411	9.3E-02
481	556629.4, 3777553.38	0.02823614	0.00034469	0.065107331	9.4E-02
482	556649.4, 3777553.38	0.028269997	0.000350749	0.064917272	9.4E-02
483	556669.4, 3777553.38	0.028289853	0.000355234	0.064320426	9.3E-02
484	556689.4, 3777553.38	0.028307365	0.000359496	0.063883088	9.3E-02
485	556709.4, 3777553.38	0.028345853	0.000363395	0.063804263	9.3E-02
486	556729.4, 3777553.38	0.028423976	0.000365893	0.064037701	9.3E-02
487	556749.4, 3777553.38	0.028542901	0.000366383	0.064496307	9.3E-02
488	556769.4, 3777553.38	0.028661814	0.000366362	0.06532102	9.4E-02
489	556789.4, 3777553.38	0.028758559	0.000365553	0.066285325	9.5E-02
490	556809.4, 3777553.38	0.028809819	0.000363071	0.067063115	9.6E-02
491	556829.4, 3777553.38	0.028767782	0.000360137	0.067732878	9.7E-02
492	556849.4, 3777553.38	0.028602134	0.000355904	0.068061177	9.7E-02
493	556869.4, 3777553.38	0.028284886	0.000351122	0.068132069	9.7E-02
494	556889.4, 3777553.38	0.027806711	0.000345345	0.067816261	9.6E-02
495	556909.4, 3777553.38	0.027174605	0.000338157	0.066988509	9.5E-02
496	556929.4, 3777553.38	0.02640839	0.00032974	0.065653033	9.2E-02
497	556949.4, 3777553.38	0.025530224	0.000318746	0.063531833	8.9E-02
498	556969.4, 3777553.38	0.024558763	0.000307364	0.061093307	8.6E-02
499	556989.4, 3777553.38	0.023511502	0.000294788	0.05823719	8.2E-02
500	557009.4, 3777553.38	0.022414097	0.00028225	0.055278787	7.8E-02
501	557029.4, 3777553.38	0.021282876	0.000269125	0.052186532	7.4E-02
502	557049.4, 3777553.38	0.020149325	0.000256326	0.049209561	7.0E-02
503	557069.4, 3777553.38	0.019035601	0.000243621	0.04636948	6.6E-02
504	557089.4, 3777553.38	0.017965028	0.000231154	0.043735999	6.2E-02
505	557109.4, 3777553.38	0.016953931	0.00021913	0.04136347	5.9E-02
506	557129.4, 3777553.38	0.016011639	0.000208014	0.039322446	5.6E-02
507	557149.4, 3777553.38	0.015138152	0.000197465	0.037537479	5.3E-02
508	557169.4, 3777553.38	0.014327641	0.000187256	0.035942571	5.0E-02
509	557189.4, 3777553.38	0.013576605	0.000177598	0.034537553	4.8E-02
510	557209.4, 3777553.38	0.012875718	0.000168571	0.03330217	4.6E-02
511	557229.4, 3777553.38	0.012215649	0.000159975	0.032172788	4.5E-02
512	557249.4, 3777553.38	0.011594067	0.000152013	0.031157509	4.3E-02
513	557269.4, 3777553.38	0.01100514	0.000144676	0.030238947	4.1E-02
514	557289.4, 3777553.38	0.010446535	0.000137871	0.02938959	4.0E-02
515	557309.4, 3777553.38	0.009915921	0.000131493	0.028582599	3.9E-02
516	557329.4, 3777553.38	0.009413297	0.000125527	0.027812236	3.7E-02
517	557349.4, 3777553.38	0.008937497	0.000120014	0.027084408	3.6E-02
518	557369.4, 3777553.38	0.008488519	0.000114808	0.026372784	3.5E-02
519	557389.4, 3777553.38	0.008064032	0.000109774	0.025651539	3.4E-02
520	557409.4, 3777553.38	0.007667534	0.000105202	0.024982282	3.3E-02
521	557429.4, 3777553.38	0.007295525	0.000100871	0.024323827	3.2E-02
522	557449.4, 3777553.38	0.006949173	9.68414E-05	0.023690692	3.1E-02
523	557469.4, 3777553.38	0.006623812	9.298E-05	0.023060594	3.0E-02
524	557489.4, 3777553.38	0.006319442	8.92135E-05	0.022419187	2.9E-02
525	557438.91, 3777336.7	0.009549672	0.000125805	0.039135088	4.9E-02
526	556615.91, 3777136.9	0.112776741	0.002403916	0.077921285	1.9E-01
527	556586.37, 3777056.1	0.054092714	0.000780529	0.038154074	9.3E-02
528	556672.35, 3776929.1	0.0476554	0.000533301	0.029760255	7.8E-02
529	556692.35, 3776929.1	0.053233105	0.000575574	0.032730981	8.7E-02
530	556712.35, 3776929.1	0.059699351	0.00061979	0.03619964	9.7E-02
531	556732.35, 3776929.1	0.066637795	0.000660914	0.040342958	1.1E-01
532	556752.35, 3776929.1	0.074454228	0.000701032	0.04579694	1.2E-01
533	556772.35, 3776929.1	0.081398281	0.000727932	0.053084501	1.4E-01
534	556792.35, 3776929.1	0.088366728	0.000747423	0.063690835	1.5E-01
535	556812.35, 3776929.1	0.096214328	0.000771167	0.079568012	1.8E-01
536	556832.35, 3776929.1	0.102681195	0.000784185	0.101679493	2.1E-01
537	556852.35, 3776929.1	0.110471518	0.000802221	0.131982412	2.4E-01
538	556672.35, 3776949.1	0.053179954	0.000601448	0.032280646	8.6E-02
539	556692.35, 3776949.1	0.059878347	0.000652859	0.035698499	9.6E-02
540	556712.35, 3776949.1	0.067618	0.000704285	0.039680959	1.1E-01
541	556732.35, 3776949.1	0.076254272	0.000751058	0.044464502	1.2E-01
542	556752.35, 3776949.1	0.085448964	0.00078945	0.050598206	1.4E-01
543	556772.35, 3776949.1	0.095232397	0.000820419	0.05924825	1.6E-01
544	556792.35, 3776949.1	0.105531116	0.000848509	0.072164323	1.8E-01
545	556812.35, 3776949.1	0.115568508	0.000869915	0.091469481	2.1E-01
546	556832.35, 3776949.1	0.124112059	0.00088358	0.119003211	2.4E-01
547	556852.35, 3776949.1	0.134346383	0.000903758	0.157051284	2.9E-01
548	556672.35, 3776969.1	0.059673769	0.000684851	0.035190269	9.6E-02
549	556692.35, 3776969.1	0.067752912	0.000748008	0.039105043	1.1E-01
550	556712.35, 3776969.1	0.077360699	0.000809769	0.043760643	1.2E-01
551	556732.35, 3776969.1	0.088353631	0.000863323	0.049370925	1.4E-01
552	556752.35, 3776969.1	0.100370186	0.000904684	0.056555692	1.6E-01
553	556772.35, 3776969.1	0.113284442	0.000935744	0.066722663	1.8E-01
554	556792.35, 3776969.1	0.127110425	0.000964554	0.082278461	2.1E-01
555	556812.35, 3776969.1	0.140380048	0.000986592	0.106076167	2.5E-01
556	556832.35, 3776969.1	0.153075877	0.001005505	0.141297999	3.0E-01

557	556852.35, 3776969.1	0.166699859	0.001028994	0.189844548	3.6E-01
558	556672.35, 3776989.1	0.067351508	0.000788753	0.038637998	1.1E-01
559	556692.35, 3776989.1	0.077165928	0.000867135	0.043090879	1.2E-01
560	556712.35, 3776989.1	0.089147936	0.00094121	0.048527476	1.4E-01
561	556732.35, 3776989.1	0.103228631	0.001001584	0.055154388	1.6E-01
562	556752.35, 3776989.1	0.11920859	0.001045189	0.063675981	1.8E-01
563	556772.35, 3776989.1	0.136672721	0.001075535	0.075773754	2.1E-01
564	556792.35, 3776989.1	0.155815835	0.001102714	0.094762598	2.5E-01
565	556812.35, 3776989.1	0.174036432	0.001127087	0.124611806	3.0E-01
566	556832.35, 3776989.1	0.192310595	0.001155561	0.170232021	3.6E-01
567	556852.35, 3776989.1	0.211675016	0.001186978	0.23369752	4.5E-01
568	556672.35, 3777009.1	0.076317106	0.000920118	0.042813386	1.2E-01
569	556692.35, 3777009.1	0.088498889	0.001019321	0.047877798	1.4E-01
570	556712.35, 3777009.1	0.103606075	0.001107817	0.054215908	1.6E-01
571	556732.35, 3777009.1	0.121801787	0.001173901	0.062074659	1.9E-01
572	556752.35, 3777009.1	0.143309934	0.001217824	0.072287709	2.2E-01
573	556772.35, 3777009.1	0.167601194	0.001247052	0.086892032	2.6E-01
574	556792.35, 3777009.1	0.19452993	0.001275774	0.110324135	3.1E-01
575	556812.35, 3777009.1	0.22099442	0.001307338	0.148600414	3.7E-01
576	556832.35, 3777009.1	0.247716571	0.001347085	0.208891456	4.6E-01
577	556852.35, 3777009.1	0.275945299	0.001391572	0.293832768	5.7E-01
578	556672.35, 3777029.1	0.087136442	0.001093567	0.048094695	1.4E-01
579	556692.35, 3777029.1	0.102279182	0.001218968	0.053832752	1.6E-01
580	556712.35, 3777029.1	0.121685761	0.001323377	0.061231547	1.8E-01
581	556732.35, 3777029.1	0.145385158	0.001391236	0.070551354	2.2E-01
582	556752.35, 3777029.1	0.174766316	0.001432197	0.082891174	2.6E-01
583	556772.35, 3777029.1	0.209483069	0.001460675	0.100762957	3.1E-01
584	556792.35, 3777029.1	0.248751979	0.001495108	0.130167062	3.8E-01
585	556812.35, 3777029.1	0.289067923	0.001542579	0.180513938	4.7E-01
586	556832.35, 3777029.1	0.330695694	0.001605502	0.262987185	6.0E-01
587	556852.35, 3777029.1	0.370710843	0.001664898	0.378782857	7.5E-01
588	556672.35, 3777049.1	0.100278848	0.001332129	0.054900019	1.6E-01
589	556692.35, 3777049.1	0.119406439	0.001490992	0.061539759	1.8E-01
590	556712.35, 3777049.1	0.144474244	0.001607143	0.070187778	2.2E-01
591	556732.35, 3777049.1	0.176135167	0.001669296	0.08132074	2.6E-01
592	556752.35, 3777049.1	0.217091361	0.001702754	0.096358181	3.2E-01
593	556772.35, 3777049.1	0.268136051	0.001733642	0.118510678	3.9E-01
594	556792.35, 3777049.1	0.327713904	0.001783367	0.156069763	4.9E-01
595	556812.35, 3777049.1	0.393266685	0.001866635	0.224750741	6.2E-01
596	556832.35, 3777049.1	0.459688243	0.001968214	0.34138041	8.0E-01
597	556852.35, 3777049.1	0.516432718	0.00204611	0.503579489	1.0E+00
598	556927.54, 3776959.5	0.181199438	0.000988011	0.353163894	5.4E-01
599	556947.54, 3776959.5	0.170145944	0.00093838	0.360786168	5.3E-01
600	556967.54, 3776959.5	0.151478032	0.000875477	0.345041998	5.0E-01
601	556987.54, 3776959.5	0.1299311	0.00080602	0.313423183	4.4E-01
602	557007.54, 3776959.5	0.109360133	0.000731501	0.275068923	3.9E-01
603	557027.54, 3776959.5	0.091897885	0.000658044	0.237629849	3.3E-01
604	557047.54, 3776959.5	0.07789885	0.00058882	0.205452504	2.8E-01
605	557067.54, 3776959.5	0.066736862	0.000525578	0.179765687	2.5E-01
606	557087.54, 3776959.5	0.057644659	0.000468948	0.159903518	2.2E-01
607	556927.54, 3776979.5	0.214259353	0.001106173	0.417199063	6.3E-01
608	556947.54, 3776979.5	0.193604402	0.001037378	0.412791924	6.1E-01
609	556967.54, 3776979.5	0.16618391	0.000951438	0.381806245	5.5E-01
610	556987.54, 3776979.5	0.138536016	0.000864003	0.336575768	4.8E-01
611	557007.54, 3776979.5	0.114709327	0.000774495	0.289069311	4.0E-01
612	557027.54, 3776979.5	0.095650651	0.000689723	0.246997255	3.4E-01
613	557047.54, 3776979.5	0.080752504	0.000612249	0.213225846	2.9E-01
614	557067.54, 3776979.5	0.068922296	0.000543277	0.18734205	2.6E-01
615	557087.54, 3776979.5	0.059236512	0.000482524	0.167516171	2.3E-01
616	556927.54, 3776999.5	0.252381303	0.001244823	0.493658785	7.5E-01
617	556947.54, 3776999.5	0.218267513	0.00114534	0.470190897	6.9E-01
618	556967.54, 3776999.5	0.180550556	0.001037023	0.41932195	6.0E-01
619	556987.54, 3776999.5	0.146872848	0.000925255	0.359024156	5.1E-01
620	557007.54, 3776999.5	0.120123866	0.000819069	0.303049106	4.2E-01
621	557027.54, 3776999.5	0.099655316	0.000722419	0.257604264	3.6E-01
622	557047.54, 3776999.5	0.083798574	0.000636615	0.223010335	3.1E-01
623	557067.54, 3776999.5	0.071147382	0.000561708	0.196950659	2.7E-01
624	557087.54, 3776999.5	0.060799214	0.000496988	0.176715461	2.4E-01
625	556927.54, 3777019.5	0.295236498	0.001407768	0.583885962	8.8E-01
626	556947.54, 3777019.5	0.243326076	0.00126821	0.53250946	7.8E-01
627	556967.54, 3777019.5	0.194434569	0.001127001	0.456986867	6.5E-01
628	556987.54, 3777019.5	0.155268041	0.00098984	0.381262231	5.4E-01
629	557007.54, 3777019.5	0.125986224	0.000865755	0.31834024	4.5E-01
630	557027.54, 3777019.5	0.104043643	0.000756844	0.270716641	3.8E-01
631	557047.54, 3777019.5	0.087020733	0.000662606	0.235485694	3.2E-01
632	557067.54, 3777019.5	0.073399292	0.000581785	0.208661393	2.8E-01
633	557087.54, 3777019.5	0.062314107	0.000512677	0.187143551	2.5E-01
634	556927.54, 3777039.5	0.342454187	0.001599436	0.689078507	1.0E+00
635	556947.54, 3777039.5	0.268584222	0.001405352	0.59857333	8.7E-01
636	556967.54, 3777039.5	0.208367709	0.00122398	0.494766561	7.0E-01
637	556987.54, 3777039.5	0.164358295	0.001058445	0.404774341	5.7E-01
638	557007.54, 3777039.5	0.132561099	0.000915477	0.336738314	4.7E-01
639	557027.54, 3777039.5	0.108809803	0.00079389	0.287422077	4.0E-01
640	557047.54, 3777039.5	0.090328027	0.000695971	0.250770245	3.4E-01
641	557067.54, 3777039.5	0.075596399	0.000603411	0.221950495	3.0E-01
642	557087.54, 3777039.5	0.06376603	0.000529579	0.198059111	2.6E-01
643	557047.54, 3777059.5	0.093575828	0.000711154	0.268178021	3.6E-01
644	557067.54, 3777059.5	0.077714187	0.00061741	0.235777028	3.1E-01
645	557087.54, 3777059.5	0.06517828	0.000539282	0.208530243	2.7E-01
646	556919.02, 3777174.9	1.054133675	0.004465708	2.397287677	3.5E+00
647	556939.02, 3777174.9	0.598952292	0.003136285	1.448057509	2.1E+00
648	556919.02, 3777194.9	0.914378812	0.004814189	2.242928951	3.2E+00
649	556939.02, 3777194.9	0.552397068	0.003383203	1.360364394	1.9E+00
650	556919.02, 3777214.9	0.711624742	0.005121137	1.63987759	2.4E+00

651	556939.02, 3777214.9	0.46967106	0.003633283	1.115839761	1.6E+00
652	556919.02, 3777234.9	0.53417564	0.00557683	1.133336321	1.7E+00
653	556939.02, 3777234.9	0.381329572	0.003993884	0.850042709	1.2E+00
654	556919.02, 3777254.9	0.398748067	0.006573437	0.785501673	1.2E+00
655	556939.02, 3777254.9	0.303764629	0.004719439	0.630746962	9.4E-01
656	557023.57, 3777171.5	0.140247215	0.00108276	0.405322575	5.5E-01
657	557043.57, 3777171.5	0.110589723	0.000887087	0.330455567	4.4E-01
658	557063.57, 3777171.5	0.089317961	0.000741565	0.275056095	3.7E-01
659	557083.57, 3777171.5	0.073514263	0.000631765	0.233022861	3.1E-01
660	557023.57, 3777191.5	0.138349372	0.001106815	0.392944609	5.3E-01
661	557043.57, 3777191.5	0.109624511	0.000901896	0.321229946	4.3E-01
662	557063.57, 3777191.5	0.088848218	0.000752514	0.268016826	3.6E-01
663	557083.57, 3777191.5	0.073300991	0.000640924	0.227704925	3.0E-01
664	557023.57, 3777211.5	0.133089674	0.001118574	0.370931195	5.1E-01
665	557043.57, 3777211.5	0.106348074	0.000910297	0.30642223	4.1E-01
666	557063.57, 3777211.5	0.086724914	0.000760104	0.257791116	3.5E-01
667	557083.57, 3777211.5	0.072027755	0.000646331	0.219497283	2.9E-01
668	557023.57, 3777231.5	0.124752616	0.001120221	0.340293901	4.7E-01
669	557043.57, 3777231.5	0.100922497	0.000912104	0.285682177	3.9E-01
670	557063.57, 3777231.5	0.083077505	0.000761964	0.243309505	3.3E-01
671	557083.57, 3777231.5	0.069587243	0.000646751	0.208216629	2.8E-01
672	557023.57, 3777251.5	0.114457623	0.001113997	0.302852633	4.2E-01
673	557043.57, 3777251.5	0.094001968	0.000906374	0.259508736	3.5E-01
674	557063.57, 3777251.5	0.078262822	0.000756616	0.224659425	3.0E-01
675	557083.57, 3777251.5	0.06616134	0.000639613	0.193781772	2.6E-01
676	556249.05, 3776972.8	0.00953591	0.000135914	0.010073966	2.0E-02
677	556269.05, 3776972.8	0.01007352	0.000137059	0.010522951	2.1E-02
678	556229.05, 3776992.8	0.009483442	0.000139309	0.010138445	2.0E-02
679	556249.05, 3776992.8	0.009996566	0.000142559	0.010555359	2.1E-02
680	556269.05, 3776992.8	0.010604158	0.00014876	0.011047385	2.2E-02
681	556289.05, 3776992.8	0.011244404	0.000154909	0.011562367	2.3E-02
682	556309.05, 3776992.8	0.01195578	0.000158272	0.01212748	2.4E-02
683	556329.05, 3776992.8	0.012661329	0.000159727	0.012707616	2.6E-02
684	556209.05, 3777012.8	0.00942631	0.000140711	0.010292045	2.0E-02
685	556229.05, 3777012.8	0.009910278	0.000142394	0.010650895	2.1E-02
686	556249.05, 3777012.8	0.010498045	0.000149001	0.01112216	2.2E-02
687	556269.05, 3777012.8	0.011155787	0.000157426	0.011646088	2.3E-02
688	556289.05, 3777012.8	0.011877672	0.000167161	0.012213226	2.4E-02
689	556309.05, 3777012.8	0.012635704	0.000173139	0.012802139	2.6E-02
690	556329.05, 3777012.8	0.013511532	0.000184666	0.013471058	2.7E-02
691	556209.05, 3777032.8	0.009804167	0.000143766	0.010842979	2.1E-02
692	556229.05, 3777032.8	0.010377938	0.000150196	0.0112631	2.2E-02
693	556249.05, 3777032.8	0.011019351	0.000155777	0.011777407	2.3E-02
694	556269.05, 3777032.8	0.011726076	0.000165184	0.012335769	2.4E-02
695	556289.05, 3777032.8	0.012523767	0.000176108	0.012960634	2.6E-02
696	556309.05, 3777032.8	0.013377438	0.000187459	0.01361183	2.7E-02
697	556209.05, 3777052.8	0.010247338	0.000148206	0.011482023	2.2E-02
698	556229.05, 3777052.8	0.010858429	0.000155556	0.0120046	2.3E-02
699	556249.05, 3777052.8	0.011572154	0.000165656	0.012587605	2.4E-02
700	556269.05, 3777052.8	0.01233719	0.000175611	0.013207744	2.6E-02
701	556289.05, 3777052.8	0.013188529	0.000187179	0.013808303	2.7E-02
702	556309.05, 3777052.8	0.014134335	0.000200081	0.014535118	2.9E-02
703	556249.05, 3777072.8	0.012135451	0.000171617	0.013400504	2.6E-02
704	556269.05, 3777072.8	0.012982127	0.000182965	0.014092041	2.7E-02
705	556289.05, 3777072.8	0.013903443	0.000195335	0.014835229	2.9E-02
706	556269.05, 3777092.8	0.013678379	0.000189341	0.015073225	2.9E-02
707	556441.69, 3776927.4	0.015135976	0.000165059	0.013573008	2.9E-02
708	556461.69, 3776927.4	0.016348833	0.000176493	0.014100987	3.1E-02
709	556481.69, 3776927.4	0.017534878	0.000184897	0.014562631	3.2E-02
710	556421.69, 3776947.4	0.015048528	0.000170942	0.014069592	2.9E-02
711	556441.69, 3776947.4	0.016113279	0.000178187	0.01465631	3.1E-02
712	556461.69, 3776947.4	0.017484743	0.000191513	0.015323711	3.3E-02
713	556481.69, 3776947.4	0.018860882	0.000202081	0.015930347	3.5E-02
714	556401.69, 3776967.4	0.014877118	0.00017455	0.014276193	2.9E-02
715	556421.69, 3776967.4	0.016038664	0.000185646	0.015028495	3.1E-02
716	556441.69, 3776967.4	0.017190887	0.000193545	0.015752441	3.3E-02
717	556461.69, 3776967.4	0.018593847	0.000205356	0.016530906	3.5E-02
718	556481.69, 3776967.4	0.020301191	0.000222206	0.01738212	3.8E-02
719	556401.69, 3776987.4	0.015839264	0.000187743	0.015117786	3.1E-02
720	556421.69, 3776987.4	0.017026476	0.000198354	0.015954652	3.3E-02
721	556441.69, 3776987.4	0.018456261	0.000212621	0.01687946	3.6E-02
722	556461.69, 3776987.4	0.0200225	0.00022697	0.017837012	3.8E-02
723	556481.69, 3776987.4	0.021908288	0.000246145	0.018882843	4.1E-02
724	556421.69, 3777007.4	0.018192722	0.000213294	0.016946301	3.5E-02
725	556441.69, 3777007.4	0.01966917	0.000227328	0.017963268	3.8E-02
726	556461.69, 3777007.4	0.021432513	0.000245396	0.019097714	4.1E-02
727	556481.69, 3777007.4	0.02357955	0.000269591	0.020371243	4.4E-02
728	556441.69, 3777027.4	0.021147982	0.000245999	0.019187342	4.1E-02
729	556461.69, 3777027.4	0.022994147	0.000264216	0.020423738	4.4E-02
730	556481.69, 3777027.4	0.025381451	0.000292827	0.021902686	4.8E-02
731	556251.24, 3777154.9	0.015604997	0.00019934	0.017828404	3.4E-02
732	556261.28, 3777141.2	0.015469723	0.000202046	0.017504493	3.3E-02
733	556264.98, 3777168.1	0.017195726	0.000213087	0.019439178	3.7E-02
734	556279.25, 3777151.7	0.017154929	0.000218859	0.0191681	3.7E-02
735	556202.6, 3777113.45	0.01166199	0.000160804	0.013640694	2.5E-02
736	556220.05, 3777109.7	0.012215944	0.000168511	0.014084952	2.6E-02
737	556187.53, 3777090.1	0.010531917	0.000149351	0.01225458	2.3E-02
738	556164.27, 3777121.3	0.010643883	0.000146922	0.012754202	2.4E-02
739	557510.26, 3776508.2	0.008145593	0.000109286	0.028230331	3.6E-02
740	557530.26, 3776508.2	0.007645322	0.000105055	0.027421822	3.5E-02
741	557550.26, 3776508.2	0.007167209	0.000101095	0.026635592	3.4E-02
742	557570.26, 3776508.2	0.006718248	9.74174E-05	0.025867086	3.3E-02
743	557590.26, 3776508.2	0.006306603	9.40972E-05	0.025121535	3.2E-02
744	557610.26, 3776508.2	0.00593344	9.11347E-05	0.024398433	3.0E-02

745	557630.26, 3776508.2	0.005582433	8.82442E-05	0.023682083	2.9E-02
746	557650.26, 3776508.2	0.005262911	8.55848E-05	0.022983456	2.8E-02
747	557670.26, 3776508.2	0.004959715	8.28837E-05	0.022292932	2.7E-02
748	557690.26, 3776508.2	0.004676342	8.01976E-05	0.021616416	2.6E-02
749	557510.26, 3776528.2	0.008051144	0.0001099	0.028786667	3.7E-02
750	557530.26, 3776528.2	0.007533382	0.000105584	0.027934609	3.6E-02
751	557550.26, 3776528.2	0.00705177	0.000101646	0.027110064	3.4E-02
752	557570.26, 3776528.2	0.00659348	9.78437E-05	0.026293621	3.3E-02
753	557590.26, 3776528.2	0.006185333	9.45363E-05	0.025512624	3.2E-02
754	557610.26, 3776528.2	0.005812169	9.14722E-05	0.024749857	3.1E-02
755	557630.26, 3776528.2	0.005471656	8.86366E-05	0.024005487	3.0E-02
756	557650.26, 3776528.2	0.005162629	8.59895E-05	0.02327901	2.9E-02
757	557670.26, 3776528.2	0.004861764	8.31428E-05	0.022557934	2.8E-02
758	557690.26, 3776528.2	0.004594717	8.05334E-05	0.021863527	2.7E-02
759	557510.26, 3776548.2	0.007912384	0.000110191	0.029320216	3.7E-02
760	557530.26, 3776548.2	0.007402784	0.00010605	0.028440983	3.6E-02
761	557550.26, 3776548.2	0.006894351	0.00010175	0.02754909	3.5E-02
762	557570.26, 3776548.2	0.006436061	9.78912E-05	0.026692981	3.3E-02
763	557590.26, 3776548.2	0.00604074	9.46441E-05	0.025881939	3.2E-02
764	557610.26, 3776548.2	0.005673406	9.15121E-05	0.025083894	3.1E-02
765	557630.26, 3776548.2	0.005342222	8.86346E-05	0.024308805	3.0E-02
766	557650.26, 3776548.2	0.005046021	8.60026E-05	0.023557515	2.9E-02
767	557670.26, 3776548.2	0.004762647	8.32305E-05	0.022817197	2.8E-02
768	557690.26, 3776548.2	0.004510759	8.06929E-05	0.022105067	2.7E-02
769	557510.26, 3776568.2	0.007746804	0.000110331	0.029844482	3.8E-02
770	557530.26, 3776568.2	0.007232539	0.00010611	0.028916974	3.6E-02
771	557550.26, 3776568.2	0.006738098	0.000101891	0.027992673	3.5E-02
772	557570.26, 3776568.2	0.006280973	9.78707E-05	0.027089978	3.3E-02
773	557590.26, 3776568.2	0.00588915	9.44993E-05	0.02623792	3.2E-02
774	557610.26, 3776568.2	0.005532311	9.13144E-05	0.02540713	3.1E-02
775	557630.26, 3776568.2	0.005212787	8.83977E-05	0.024603852	3.0E-02
776	557650.26, 3776568.2	0.004932911	8.58423E-05	0.023831126	2.9E-02
777	557670.26, 3776568.2	0.00466353	8.30649E-05	0.023069878	2.8E-02
778	557690.26, 3776568.2	0.004419803	8.04046E-05	0.022336142	2.7E-02
779	557510.26, 3776588.2	0.007562566	0.000110204	0.030352037	3.8E-02
780	557530.26, 3776588.2	0.007059961	0.000106073	0.029389252	3.7E-02
781	557550.26, 3776588.2	0.006578347	0.000101823	0.028424104	3.5E-02
782	557570.26, 3776588.2	0.00613055	9.76215E-05	0.027475497	3.4E-02
783	557590.26, 3776588.2	0.005741058	9.39798E-05	0.026574827	3.2E-02
784	557610.26, 3776588.2	0.005398211	9.07731E-05	0.025714836	3.1E-02
785	557630.26, 3776588.2	0.005102008	8.80824E-05	0.024896874	3.0E-02
786	557650.26, 3776588.2	0.00483146	8.54465E-05	0.02409866	2.9E-02
787	557670.26, 3776588.2	0.004581903	8.2815E-05	0.02332087	2.8E-02
788	557690.26, 3776588.2	0.004355668	8.02934E-05	0.022571268	2.7E-02
789	557510.26, 3776608.2	0.007379494	0.000109817	0.03084457	3.8E-02
790	557530.26, 3776608.2	0.006889715	0.00010571	0.029841106	3.7E-02
791	557550.26, 3776608.2	0.006422093	0.000101369	0.028831059	3.5E-02
792	557570.26, 3776608.2	0.006001115	9.72746E-05	0.027852408	3.4E-02
793	557590.26, 3776608.2	0.005623283	9.34266E-05	0.026909371	3.3E-02
794	557610.26, 3776608.2	0.005295595	9.02053E-05	0.026022711	3.1E-02
795	557630.26, 3776608.2	0.005008721	8.75087E-05	0.025179768	3.0E-02
796	557650.26, 3776608.2	0.004747501	8.4809E-05	0.024358261	2.9E-02
797	557670.26, 3776608.2	0.004507272	8.2107E-05	0.023559541	2.8E-02
798	557690.26, 3776608.2	0.004289199	7.94967E-05	0.022790697	2.7E-02
799	557510.26, 3776628.2	0.007220908	0.000109298	0.031326469	3.9E-02
800	557530.26, 3776628.2	0.006738125	0.000105046	0.030268654	3.7E-02
801	557550.26, 3776628.2	0.006287993	0.000100559	0.029210333	3.6E-02
802	557570.26, 3776628.2	0.005905496	9.71622E-05	0.028241978	3.4E-02
803	557590.26, 3776628.2	0.00553466	9.28192E-05	0.027241552	3.3E-02
804	557610.26, 3776628.2	0.005219798	8.95602E-05	0.026326029	3.2E-02
805	557630.26, 3776628.2	0.00493992	8.66618E-05	0.02545034	3.0E-02
806	557650.26, 3776628.2	0.004690361	8.41136E-05	0.024612967	2.9E-02
807	557670.26, 3776628.2	0.004460626	8.14125E-05	0.023796524	2.8E-02
808	557690.26, 3776628.2	0.004253048	7.88786E-05	0.023014008	2.7E-02
809	557510.26, 3776648.2	0.007085643	0.000108479	0.031783218	3.9E-02
810	557530.26, 3776648.2	0.00661452	0.000103922	0.030665314	3.7E-02
811	557550.26, 3776648.2	0.006190041	9.94432E-05	0.029574247	3.6E-02
812	557570.26, 3776648.2	0.00581104	9.32712E-05	0.028523691	3.4E-02
813	557590.26, 3776648.2	0.005476353	9.00074E-05	0.027554323	3.3E-02
814	557610.26, 3776648.2	0.005174317	8.64045E-05	0.026607741	3.2E-02
815	557630.26, 3776648.2	0.004902602	8.39871E-05	0.025716017	3.1E-02
816	557650.26, 3776648.2	0.004658874	8.19572E-05	0.024861934	3.0E-02
817	557670.26, 3776648.2	0.004437301	7.924E-05	0.024024392	2.9E-02
818	557690.26, 3776648.2	0.004235554	7.71628E-05	0.023227022	2.8E-02
819	557510.26, 3776668.2	0.006997017	0.000103745	0.0321976	3.9E-02
820	557530.26, 3776668.2	0.006545715	9.8501E-05	0.031046613	3.8E-02
821	557550.26, 3776668.2	0.00614339	9.36294E-05	0.029922632	3.6E-02
822	557570.26, 3776668.2	0.005783044	8.80176E-05	0.028850133	3.5E-02
823	557590.26, 3776668.2	0.005455355	8.59662E-05	0.02787452	3.3E-02
824	557610.26, 3776668.2	0.005164979	8.12872E-05	0.026876457	3.2E-02
825	557630.26, 3776668.2	0.00490026	7.90807E-05	0.025960596	3.1E-02
826	557650.26, 3776668.2	0.004658865	7.74697E-05	0.025094528	3.0E-02
827	557670.26, 3776668.2	0.004441959	7.58452E-05	0.024246352	2.9E-02
828	557690.26, 3776668.2	0.00424371	7.36991E-05	0.023429403	2.8E-02
829	557510.26, 3776688.2	0.006958526	9.78337E-05	0.032617553	4.0E-02
830	557530.26, 3776688.2	0.006521217	9.3362E-05	0.031419979	3.8E-02
831	557550.26, 3776688.2	0.006131719	8.80272E-05	0.030245699	3.6E-02
832	557570.26, 3776688.2	0.005780705	8.45945E-05	0.02914383	3.5E-02
833	557590.26, 3776688.2	0.00546351	8.15147E-05	0.028112853	3.4E-02
834	557610.26, 3776688.2	0.005177798	7.72035E-05	0.027112934	3.2E-02
835	557630.26, 3776688.2	0.004917745	7.54903E-05	0.026184244	3.1E-02
836	557650.26, 3776688.2	0.004679847	7.36082E-05	0.025307205	3.0E-02
837	557670.26, 3776688.2	0.004465271	7.11837E-05	0.024439112	2.9E-02
838	557690.26, 3776688.2	0.00427052	6.8775E-05	0.023599207	2.8E-02

839	556172.49, 3776517.8	0.003119511	3.51311E-05	0.00325075	6.4E-03
840	556192.49, 3776517.8	0.003215139	3.61494E-05	0.003364347	6.6E-03
841	556212.49, 3776517.8	0.003294441	3.64865E-05	0.003461233	6.8E-03
842	556232.49, 3776517.8	0.003388903	3.71866E-05	0.003576348	7.0E-03
843	556252.49, 3776517.8	0.003490363	3.79437E-05	0.003697372	7.2E-03
844	556272.49, 3776517.8	0.003612813	3.90976E-05	0.0038373	7.5E-03
845	556292.49, 3776517.8	0.003743426	4.01965E-05	0.003978409	7.8E-03
846	556312.49, 3776517.8	0.003883369	4.11836E-05	0.004118506	8.0E-03
847	556332.49, 3776517.8	0.004050131	4.24769E-05	0.004276832	8.4E-03
848	556352.49, 3776517.8	0.004225056	4.33953E-05	0.004424187	8.7E-03
849	556372.49, 3776517.8	0.004403479	4.38283E-05	0.004552974	9.0E-03
850	556392.49, 3776517.8	0.004630879	4.52129E-05	0.004737126	9.4E-03
851	556412.49, 3776517.8	0.004857112	4.61987E-05	0.00490693	9.8E-03
852	556432.49, 3776517.8	0.005085677	4.70518E-05	0.005073358	1.0E-02
853	556452.49, 3776517.8	0.005309578	4.78046E-05	0.005233541	1.1E-02
854	556472.49, 3776517.8	0.005553304	4.93572E-05	0.005436765	1.1E-02
855	556492.49, 3776517.8	0.005790034	5.07843E-05	0.005626318	1.1E-02
856	556172.49, 3776537.8	0.003224465	3.64062E-05	0.003325693	6.6E-03
857	556192.49, 3776537.8	0.003316595	3.71729E-05	0.003426293	6.8E-03
858	556212.49, 3776537.8	0.003414556	3.80106E-05	0.003539383	7.0E-03
859	556232.49, 3776537.8	0.003512517	3.86939E-05	0.003654836	7.2E-03
860	556252.49, 3776537.8	0.003617475	3.9452E-05	0.003779235	7.4E-03
861	556272.49, 3776537.8	0.003728264	4.0179E-05	0.003906673	7.7E-03
862	556292.49, 3776537.8	0.003871706	4.16622E-05	0.004068375	8.0E-03
863	556312.49, 3776537.8	0.004018646	4.28542E-05	0.004222312	8.3E-03
864	556332.49, 3776537.8	0.004188908	4.42556E-05	0.004390091	8.6E-03
865	556352.49, 3776537.8	0.004367332	4.53404E-05	0.004549936	9.0E-03
866	556372.49, 3776537.8	0.004553919	4.6032E-05	0.004697291	9.3E-03
867	556392.49, 3776537.8	0.004760329	4.66471E-05	0.004846165	9.7E-03
868	556412.49, 3776537.8	0.005012218	4.80765E-05	0.005043988	1.0E-02
869	556432.49, 3776537.8	0.005266438	4.92575E-05	0.00523506	1.1E-02
870	556452.49, 3776537.8	0.005512496	5.00139E-05	0.005405201	1.1E-02
871	556472.49, 3776537.8	0.005784209	5.17083E-05	0.00562733	1.1E-02
872	556492.49, 3776537.8	0.006051259	5.33621E-05	0.005842539	1.2E-02
873	556332.49, 3776557.8	0.004348675	4.63727E-05	0.004514996	8.9E-03
874	556352.49, 3776557.8	0.004514273	4.71046E-05	0.004665896	9.2E-03
875	556372.49, 3776557.8	0.004720685	4.84085E-05	0.004847515	9.6E-03
876	556392.49, 3776557.8	0.004936425	4.92466E-05	0.00501445	1.0E-02
877	556412.49, 3776557.8	0.005196478	5.07365E-05	0.005220544	1.0E-02
878	556432.49, 3776557.8	0.005460028	5.17757E-05	0.005411615	1.1E-02
879	556452.49, 3776557.8	0.005727077	5.25828E-05	0.005594585	1.1E-02
880	556472.49, 3776557.8	0.006019781	5.41416E-05	0.005819921	1.2E-02
881	556492.49, 3776557.8	0.006322981	5.60808E-05	0.006063825	1.2E-02
882	556332.49, 3776577.8	0.004507275	4.81125E-05	0.004621504	9.2E-03
883	556352.49, 3776577.8	0.004696198	4.95707E-05	0.004809537	9.6E-03
884	556372.49, 3776577.8	0.004901445	5.08234E-05	0.004996051	9.9E-03
885	556392.49, 3776577.8	0.005134679	5.21941E-05	0.005194887	1.0E-02
886	556412.49, 3776577.8	0.005395899	5.36073E-05	0.00540402	1.1E-02
887	556432.49, 3776577.8	0.005665281	5.44938E-05	0.005596273	1.1E-02
888	556452.49, 3776577.8	0.005961483	5.56674E-05	0.005808443	1.2E-02
889	556472.49, 3776577.8	0.006281009	5.72789E-05	0.006047958	1.2E-02
890	556492.49, 3776577.8	0.006607531	5.9035E-05	0.006295069	1.3E-02
891	556332.49, 3776597.8	0.004702027	5.06465E-05	0.004755861	9.5E-03
892	556352.49, 3776597.8	0.00489095	5.202E-05	0.004947946	9.9E-03
893	556372.49, 3776597.8	0.005098531	5.33324E-05	0.005145094	1.0E-02
894	556392.49, 3776597.8	0.005318938	5.4309E-05	0.005334309	1.1E-02
895	556412.49, 3776597.8	0.005602317	5.62986E-05	0.005576187	1.1E-02
896	556432.49, 3776597.8	0.005884528	5.73823E-05	0.005786669	1.2E-02
897	556452.49, 3776597.8	0.006184229	5.82343E-05	0.005992088	1.2E-02
898	556472.49, 3776597.8	0.006527078	5.98076E-05	0.006239874	1.3E-02
899	556492.49, 3776597.8	0.006903745	6.21958E-05	0.006534077	1.4E-02
900	556252.49, 3776617.8	0.004255368	4.78942E-05	0.004221131	8.5E-03
901	556272.49, 3776617.8	0.00439298	4.88169E-05	0.00435245	8.8E-03
902	556292.49, 3776617.8	0.004548085	5.00485E-05	0.004509764	9.1E-03
903	556312.49, 3776617.8	0.004723014	5.16007E-05	0.00469189	9.5E-03
904	556332.49, 3776617.8	0.004885117	5.24955E-05	0.00486355	9.8E-03
905	556352.49, 3776617.8	0.005104361	5.46343E-05	0.005089224	1.0E-02
906	556372.49, 3776617.8	0.005331767	5.64694E-05	0.005313885	1.1E-02
907	556392.49, 3776617.8	0.005561505	5.77039E-05	0.005525212	1.1E-02
908	556412.49, 3776617.8	0.005841387	5.95391E-05	0.005768778	1.2E-02
909	556432.49, 3776617.8	0.006125932	6.05667E-05	0.005988206	1.2E-02
910	556452.49, 3776617.8	0.006462952	6.22031E-05	0.006242912	1.3E-02
911	556472.49, 3776617.8	0.006797638	6.29587E-05	0.006462172	1.3E-02
912	556492.49, 3776617.8	0.007211622	6.55638E-05	0.006780174	1.4E-02
913	556252.49, 3776637.8	0.004436124	5.01676E-05	0.004367979	8.9E-03
914	556272.49, 3776637.8	0.004611053	5.20187E-05	0.004517697	9.2E-03
915	556292.49, 3776637.8	0.004753331	5.26753E-05	0.004649185	9.5E-03
916	556312.49, 3776637.8	0.004921264	5.38079E-05	0.004813757	9.8E-03
917	556332.49, 3776637.8	0.00512768	5.57913E-05	0.00502272	1.0E-02
918	556352.49, 3776637.8	0.005330599	5.72814E-05	0.005229827	1.1E-02
919	556372.49, 3776637.8	0.005574333	5.94589E-05	0.005472887	1.1E-02
920	556392.49, 3776637.8	0.005807571	6.06891E-05	0.005694003	1.2E-02
921	556412.49, 3776637.8	0.006087454	6.247E-05	0.005944996	1.2E-02
922	556432.49, 3776637.8	0.006394158	6.40506E-05	0.006198689	1.3E-02
923	556452.49, 3776637.8	0.006730013	6.54167E-05	0.00645272	1.3E-02
924	556472.49, 3776637.8	0.007111347	6.71042E-05	0.006730381	1.4E-02
925	556492.49, 3776637.8	0.007534661	6.91974E-05	0.0070364	1.5E-02
926	556252.49, 3776657.8	0.00464137	5.29295E-05	0.004555169	9.2E-03
927	556272.49, 3776657.8	0.004817465	5.46294E-05	0.004685307	9.6E-03
928	556292.49, 3776657.8	0.004998226	5.62147E-05	0.004833337	9.9E-03
929	556312.49, 3776657.8	0.005139338	5.63582E-05	0.004957736	1.0E-02
930	556332.49, 3776657.8	0.005369078	5.87383E-05	0.00517497	1.1E-02
931	556352.49, 3776657.8	0.005596487	6.07131E-05	0.005398112	1.1E-02
932	556372.49, 3776657.8	0.00584372	6.27729E-05	0.00564134	1.2E-02

933	556392.49, 3776657.8	0.006072295	6.37371E-05	0.005862288	1.2E-02
934	556412.49, 3776657.8	0.006354513	6.55052E-05	0.006122395	1.3E-02
935	556432.49, 3776657.8	0.006671713	6.72781E-05	0.006394487	1.3E-02
936	556452.49, 3776657.8	0.007029728	6.9119E-05	0.006681094	1.4E-02
937	556472.49, 3776657.8	0.007427389	7.09134E-05	0.006977154	1.4E-02
938	556492.49, 3776657.8	0.00788219	7.32429E-05	0.007308829	1.5E-02
939	556252.49, 3776677.8	0.004860609	5.58404E-05	0.00477696	9.7E-03
940	556272.49, 3776677.8	0.005009884	5.66182E-05	0.004861525	9.9E-03
941	556292.49, 3776677.8	0.00520114	5.82856E-05	0.004996051	1.0E-02
942	556312.49, 3776677.8	0.005406391	6.00502E-05	0.005157753	1.1E-02
943	556332.49, 3776677.8	0.005630301	6.19755E-05	0.0053495	1.1E-02
944	556352.49, 3776677.8	0.005876369	6.41765E-05	0.00557433	1.2E-02
945	556372.49, 3776677.8	0.006124769	6.60052E-05	0.005809794	1.2E-02
946	556392.49, 3776677.8	0.00637317	6.73338E-05	0.006048802	1.2E-02
947	556412.49, 3776677.8	0.006683377	6.96686E-05	0.00633811	1.3E-02
948	556432.49, 3776677.8	0.00698542	7.09347E-05	0.006604125	1.4E-02
949	556452.49, 3776677.8	0.0073516	7.28385E-05	0.006906262	1.4E-02
950	556472.49, 3776677.8	0.00778075	7.5239E-05	0.007242662	1.5E-02
951	556492.49, 3776677.8	0.008260042	7.77394E-05	0.00759763	1.6E-02
952	556252.49, 3776697.8	0.005097341	5.89858E-05	0.005039431	1.0E-02
953	556272.49, 3776697.8	0.005257112	5.9851E-05	0.005111167	1.0E-02
954	556372.49, 3776697.8	0.006438471	6.97638E-05	0.006004241	1.3E-02
955	556392.49, 3776697.8	0.006681043	7.06234E-05	0.006228227	1.3E-02
956	556412.49, 3776697.8	0.007006411	7.31322E-05	0.006528169	1.4E-02
957	556432.49, 3776697.8	0.007336444	7.49387E-05	0.006823723	1.4E-02
958	556452.49, 3776697.8	0.007704958	7.67496E-05	0.00713548	1.5E-02
959	556472.49, 3776697.8	0.008155102	7.9495E-05	0.007500069	1.6E-02
960	556492.49, 3776697.8	0.008669381	8.25315E-05	0.007894197	1.7E-02
961	556252.49, 3776717.8	0.005300256	6.08963E-05	0.005303758	1.1E-02
962	556272.49, 3776717.8	0.005512503	6.3029E-05	0.005397268	1.1E-02
963	556372.49, 3776717.8	0.006776662	7.38009E-05	0.006225864	1.3E-02
964	556392.49, 3776717.8	0.007027398	7.45048E-05	0.006438203	1.4E-02
965	556412.49, 3776717.8	0.007377258	7.73207E-05	0.00674726	1.4E-02
966	556432.49, 3776717.8	0.007724785	7.9309E-05	0.007055811	1.5E-02
967	556452.49, 3776717.8	0.008109628	8.13138E-05	0.00738681	1.6E-02
968	556472.49, 3776717.8	0.008619248	8.53778E-05	0.007816215	1.7E-02
969	556492.49, 3776717.8	0.009119537	8.77002E-05	0.008201228	1.7E-02
970	556267.4, 3776875.81	0.007927682	9.99456E-05	0.008545055	1.7E-02
971	556239.03, 3776853.0	0.00697024	8.73891E-05	0.007727431	1.5E-02
972	556178.76, 3776751.2	0.005074009	6.29694E-05	0.005630875	1.1E-02
973	556154.45, 3776774.5	0.004991216	6.29258E-05	0.005796628	1.1E-02
974	556119.5, 3776705.11	0.00417022	5.17325E-05	0.004769365	9.0E-03
975	556146.51, 3777267.9	0.015394893	0.000164279	0.01816413	3.4E-02
976	556151, 3777234.88	0.014224079	0.000163071	0.017020569	3.1E-02
977	556144.93, 3777179.5	0.011803087	0.000151802	0.014416796	2.6E-02
978	556205.18, 3777236.4	0.017406676	0.000192845	0.02004919	3.8E-02
979	556218, 3777200.04	0.016195046	0.000191985	0.01874359	3.5E-02
980	556773.51, 3777349	0.167547994	0.001692351	0.298080567	4.7E-01

Residential DOSEair =		**(Cair*(BR/BW)*A*EF*10^{-6})**	**Residential Risk =**		**DOSEair * CPF * ASF * ED/AT * FAH**
A	1	Inhalation absorption factor[1]	CPF	1.1	Cancer Potency Factor for DPM[4]
EF	0.96	Exposure frequency (350/year)[2]	AT	70	Averaging Time[5]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]			

Age	BR/BW	ASF	FAH	ED
3rd	361	10	0.85	0.25
C 0<2	1090	10	0.85	0.75
O 0<2	1090	10	0.85	1.25
2<9	631	3	0.72	7
9<16	572	3	0.72	7
16<30	261	1	0.73	13.75

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24

2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/yea

3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24

4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5

5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7

6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups

7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5

8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7

9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5

10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Worker Risk

Discrete Receptor ID	Concentration [ug/m^3] Construction	Operations	Worker Dose		Worker Risk		
X, Y	Total	Total	Construction	Operations	Construction	Operations	Total Risk
1 556521.71, 3777341.57	0.000742063	1.1666E-06	4.9E-07	7.7E-10	7.7E-09	2.9E-10	8.0E-09
2 556539.9, 3777344.94	0.000793448	1.24618E-06	5.2E-07	8.2E-10	8.2E-09	3.1E-10	8.6E-09
3 556591.78, 3777345.39	0.000984908	1.54113E-06	6.5E-07	1.0E-09	1.0E-08	3.8E-10	1.1E-08
4 556630.62, 3777349.66	0.00109822	1.73746E-06	7.3E-07	1.1E-09	1.1E-08	4.3E-10	1.2E-08
5 556684.29, 3777349.43	0.001280868	2.09113E-06	8.5E-07	1.4E-09	1.3E-08	5.2E-10	1.4E-08
6 556905.58, 3777351.19	0.001115822	3.41412E-06	7.4E-07	2.3E-09	1.2E-08	8.5E-10	1.2E-08
7 556920.93, 3777350.82	0.001036747	3.20413E-06	6.9E-07	2.1E-09	1.1E-08	8.0E-10	1.2E-08
8 556942.87, 3777350.09	0.000921685	2.77527E-06	6.1E-07	1.8E-09	9.6E-09	6.9E-10	1.0E-08
9 556996.26, 3777348.26	0.000668763	1.6946E-06	4.4E-07	1.1E-09	7.0E-09	4.2E-10	7.4E-09
10 557096.81, 3777357.77	0.000347508	7.64578E-07	2.3E-07	5.1E-10	3.6E-09	1.9E-10	3.8E-09
11 557115.83, 3777363.62	0.000306032	6.74727E-07	2.0E-07	4.5E-10	3.2E-09	1.7E-10	3.4E-09
12 557129.36, 3777361.43	0.000287225	6.31811E-07	1.9E-07	4.2E-10	3.0E-09	1.6E-10	3.1E-09
13 557230.65, 3777363.99	0.000174193	3.99734E-07	1.2E-07	2.6E-10	1.8E-09	1.0E-10	1.9E-09
14 556466.22, 3776816.07	9.73237E-05	1.92168E-07	6.4E-08	1.3E-10	1.0E-09	4.8E-11	1.1E-09
15 556407.87, 3776826.19	8.54676E-05	1.77025E-07	5.7E-08	1.2E-10	8.9E-10	4.4E-11	9.3E-10
16 556381.07, 3776807.14	7.56178E-05	1.59435E-07	5.0E-08	1.1E-10	7.9E-10	4.0E-11	8.3E-10
17 556404.29, 3776771.52	7.21073E-05	1.48107E-07	4.8E-08	9.8E-11	7.5E-10	3.7E-11	7.9E-10
18 556465.21, 3776739.51	7.67815E-05	1.47838E-07	5.1E-08	9.8E-11	8.0E-10	3.7E-11	8.4E-10
19 556396.1, 3776739.93	6.48253E-05	1.33163E-07	4.3E-08	8.8E-11	6.7E-10	3.3E-11	7.1E-10
20 556323.99, 3777265.43	0.000271354	5.01003E-07	1.8E-07	3.3E-10	2.8E-09	1.3E-10	2.9E-09
21 556330.6, 3777233.99	0.000252969	5.02586E-07	1.7E-07	3.3E-10	2.6E-09	1.3E-10	2.8E-09
22 556321.08, 3777200.43	0.000212336	4.60687E-07	1.4E-07	3.0E-10	2.2E-09	1.1E-10	2.3E-09
23 556275.11, 3777267.81	0.000219004	4.14815E-07	1.4E-07	2.7E-10	2.3E-09	1.0E-10	2.4E-09
24 556278.28, 3777233.46	0.000199325	4.09275E-07	1.3E-07	2.7E-10	2.1E-09	1.0E-10	2.2E-09
25 556509.4, 3777373.38	0.000612084	9.74854E-07	4.0E-07	6.5E-10	6.4E-09	2.4E-10	6.6E-09
26 556529.4, 3777373.38	0.000657602	1.05095E-06	4.4E-07	7.0E-10	6.8E-09	2.6E-10	7.1E-09
27 556549.4, 3777373.38	0.000704384	1.1307E-06	4.7E-07	7.5E-10	7.3E-09	2.8E-10	7.6E-09
28 556569.4, 3777373.38	0.000752069	1.21309E-06	5.0E-07	8.0E-10	7.8E-09	3.0E-10	8.1E-09
29 556589.4, 3777373.38	0.000799383	1.29991E-06	5.3E-07	8.6E-10	8.3E-09	3.2E-10	8.6E-09
30 556609.4, 3777373.38	0.000846255	1.3893E-06	5.6E-07	9.2E-10	8.8E-09	3.5E-10	9.1E-09
31 556629.4, 3777373.38	0.000891122	1.4833E-06	5.9E-07	9.8E-10	9.3E-09	3.7E-10	9.6E-09
32 556649.4, 3777373.38	0.000933302	1.57918E-06	6.2E-07	1.0E-09	9.7E-09	3.9E-10	1.0E-08
33 556669.4, 3777373.38	0.000970487	1.67742E-06	6.4E-07	1.1E-09	1.0E-08	4.2E-10	1.1E-08
34 556689.4, 3777373.38	0.001000772	1.77562E-06	6.6E-07	1.2E-09	1.0E-08	4.4E-10	1.1E-08
35 556709.4, 3777373.38	0.001022764	1.87155E-06	6.8E-07	1.2E-09	1.1E-08	4.7E-10	1.1E-08
36 556729.4, 3777373.38	0.001036341	1.96576E-06	6.9E-07	1.3E-09	1.1E-08	4.9E-10	1.1E-08
37 556749.4, 3777373.38	0.001043249	2.06113E-06	6.9E-07	1.4E-09	1.1E-08	5.1E-10	1.1E-08
38 556769.4, 3777373.38	0.001047771	2.15671E-06	6.9E-07	1.4E-09	1.1E-08	5.4E-10	1.1E-08
39 556789.4, 3777373.38	0.001051161	2.25509E-06	7.0E-07	1.5E-09	1.1E-08	5.6E-10	1.1E-08
40 556809.4, 3777373.38	0.001052022	2.3521E-06	7.0E-07	1.6E-09	1.1E-08	5.9E-10	1.2E-08
41 556829.4, 3777373.38	0.001046102	2.43579E-06	6.9E-07	1.6E-09	1.1E-08	6.1E-10	1.1E-08
42 556849.4, 3777373.38	0.001027372	2.4912E-06	6.8E-07	1.6E-09	1.1E-08	6.2E-10	1.1E-08
43 556869.4, 3777373.38	0.000991607	2.50369E-06	6.6E-07	1.7E-09	1.0E-08	6.2E-10	1.1E-08
44 556889.4, 3777373.38	0.000939097	2.4537E-06	6.2E-07	1.6E-09	9.8E-09	6.1E-10	1.0E-08
45 556909.4, 3777373.38	0.000873312	2.33194E-06	5.8E-07	1.5E-09	9.1E-09	5.8E-10	9.7E-09
46 556929.4, 3777373.38	0.000799829	2.14448E-06	5.3E-07	1.4E-09	8.3E-09	5.4E-10	8.9E-09
47 556949.4, 3777373.38	0.000724268	1.91633E-06	4.8E-07	1.3E-09	7.5E-09	4.8E-10	8.0E-09
48 556969.4, 3777373.38	0.000651073	1.67674E-06	4.3E-07	1.1E-09	6.8E-09	4.2E-10	7.2E-09
49 556989.4, 3777373.38	0.000583056	1.45169E-06	3.9E-07	9.6E-10	6.1E-09	3.6E-10	6.4E-09
50 557009.4, 3777373.38	0.000521571	1.25633E-06	3.5E-07	8.3E-10	5.4E-09	3.1E-10	5.7E-09
51 557029.4, 3777373.38	0.000466839	1.0949E-06	3.1E-07	7.2E-10	4.9E-09	2.7E-10	5.1E-09
52 557049.4, 3777373.38	0.000418438	9.60629E-07	2.8E-07	6.4E-10	4.4E-09	2.4E-10	4.6E-09
53 557069.4, 3777373.38	0.000375666	8.481E-07	2.5E-07	5.6E-10	3.9E-09	2.1E-10	4.1E-09
54 557089.4, 3777373.38	0.00033787	7.55068E-07	2.2E-07	5.0E-10	3.5E-09	1.9E-10	3.7E-09
55 557109.4, 3777373.38	0.000304448	6.76895E-07	2.0E-07	4.5E-10	3.2E-09	1.7E-10	3.3E-09
56 557129.4, 3777373.38	0.000274898	6.10761E-07	1.8E-07	4.0E-10	2.9E-09	1.5E-10	3.0E-09
57 557149.4, 3777373.38	0.000248778	5.54276E-07	1.6E-07	3.7E-10	2.6E-09	1.4E-10	2.7E-09
58 557169.4, 3777373.38	0.000225708	5.05895E-07	1.5E-07	3.3E-10	2.3E-09	1.3E-10	2.5E-09
59 557189.4, 3777373.38	0.000205327	4.64422E-07	1.4E-07	3.1E-10	2.1E-09	1.2E-10	2.3E-09
60 557209.4, 3777373.38	0.000187302	4.27959E-07	1.2E-07	2.8E-10	1.9E-09	1.1E-10	2.1E-09
61 557229.4, 3777373.38	0.000171334	3.95419E-07	1.1E-07	2.6E-10	1.8E-09	9.9E-11	1.9E-09
62 557249.4, 3777373.38	0.000157172	3.66432E-07	1.0E-07	2.4E-10	1.6E-09	9.1E-11	1.7E-09
63 557269.4, 3777373.38	0.000144584	3.40506E-07	9.6E-08	2.3E-10	1.5E-09	8.5E-11	1.6E-09
64 557289.4, 3777373.38	0.00013338	3.17745E-07	8.8E-08	2.1E-10	1.4E-09	7.9E-11	1.5E-09
65 557309.4, 3777373.38	0.00012338	2.97418E-07	8.2E-08	2.0E-10	1.3E-09	7.4E-11	1.4E-09
66 557329.4, 3777373.38	0.000114413	2.78554E-07	7.6E-08	1.8E-10	1.2E-09	7.0E-11	1.3E-09
67 557349.4, 3777373.38	0.000106379	2.61991E-07	7.0E-08	1.7E-10	1.1E-09	6.5E-11	1.2E-09
68 557369.4, 3777373.38	9.91271E-05	2.46674E-07	6.6E-08	1.6E-10	1.0E-09	6.2E-11	1.1E-09
69 557389.4, 3777373.38	9.25875E-05	2.3273E-07	6.1E-08	1.5E-10	9.6E-10	5.8E-11	1.0E-09
70 557409.4, 3777373.38	8.66597E-05	2.19987E-07	5.7E-08	1.5E-10	9.0E-10	5.5E-11	9.6E-10
71 557429.4, 3777373.38	8.12735E-05	2.08082E-07	5.4E-08	1.4E-10	8.5E-10	5.2E-11	9.0E-10
72 557449.4, 3777373.38	7.63889E-05	1.97418E-07	5.1E-08	1.3E-10	7.9E-10	4.9E-11	8.4E-10
73 557469.4, 3777373.38	7.19255E-05	1.8742E-07	4.8E-08	1.2E-10	7.5E-10	4.7E-11	7.9E-10
74 557489.4, 3777373.38	6.78232E-05	1.77808E-07	4.5E-08	1.2E-10	7.1E-10	4.4E-11	7.5E-10
75 556509.4, 3777393.38	0.000553114	9.01323E-07	3.7E-07	6.0E-10	5.8E-09	2.2E-10	6.0E-09
76 556529.4, 3777393.38	0.000587559	9.63901E-07	3.9E-07	6.4E-10	6.1E-09	2.4E-10	6.3E-09
77 556549.4, 3777393.38	0.000622024	1.02893E-06	4.1E-07	6.8E-10	6.5E-09	2.6E-10	6.7E-09
78 556569.4, 3777393.38	0.000656238	1.09577E-06	4.3E-07	7.3E-10	6.8E-09	2.7E-10	7.1E-09

79	556589.4, 3777393.38	0.000689219	1.16655E-06	4.6E-07	7.7E-10	7.2E-09	2.9E-10	7.5E-09
80	556609.4, 3777393.38	0.000721187	1.23886E-06	4.8E-07	8.2E-10	7.5E-09	3.1E-10	7.8E-09
81	556629.4, 3777393.38	0.000750988	1.31436E-06	5.0E-07	8.7E-10	7.8E-09	3.3E-10	8.1E-09
82	556649.4, 3777393.38	0.000778423	1.38913E-06	5.2E-07	9.2E-10	8.1E-09	3.5E-10	8.4E-09
83	556669.4, 3777393.38	0.000801556	1.46407E-06	5.3E-07	9.7E-10	8.3E-09	3.7E-10	8.7E-09
84	556689.4, 3777393.38	0.000819082	1.53794E-06	5.4E-07	1.0E-09	8.5E-09	3.8E-10	8.9E-09
85	556709.4, 3777393.38	0.00083027	1.61088E-06	5.5E-07	1.1E-09	8.6E-09	4.0E-10	9.0E-09
86	556729.4, 3777393.38	0.000836613	1.67968E-06	5.5E-07	1.1E-09	8.7E-09	4.2E-10	9.1E-09
87	556749.4, 3777393.38	0.000839748	1.74697E-06	5.6E-07	1.2E-09	8.7E-09	4.4E-10	9.2E-09
88	556769.4, 3777393.38	0.000842601	1.80989E-06	5.6E-07	1.2E-09	8.8E-09	4.5E-10	9.2E-09
89	556789.4, 3777393.38	0.000845524	1.86755E-06	5.6E-07	1.2E-09	8.8E-09	4.7E-10	9.3E-09
90	556809.4, 3777393.38	0.000846611	1.91726E-06	5.6E-07	1.3E-09	8.8E-09	4.8E-10	9.3E-09
91	556829.4, 3777393.38	0.000842782	1.95058E-06	5.6E-07	1.3E-09	8.8E-09	4.9E-10	9.2E-09
92	556849.4, 3777393.38	0.000830195	1.95735E-06	5.5E-07	1.3E-09	8.6E-09	4.9E-10	9.1E-09
93	556869.4, 3777393.38	0.000805841	1.93796E-06	5.3E-07	1.3E-09	8.4E-09	4.8E-10	8.9E-09
94	556889.4, 3777393.38	0.000769579	1.89045E-06	5.1E-07	1.3E-09	8.0E-09	4.7E-10	8.5E-09
95	556909.4, 3777393.38	0.000723567	1.80246E-06	4.8E-07	1.2E-09	7.5E-09	4.5E-10	8.0E-09
96	556929.4, 3777393.38	0.000671013	1.68527E-06	4.4E-07	1.1E-09	7.0E-09	4.2E-10	7.4E-09
97	556949.4, 3777393.38	0.000615529	1.53887E-06	4.1E-07	1.0E-09	6.4E-09	3.8E-10	6.8E-09
98	556969.4, 3777393.38	0.000560345	1.38621E-06	3.7E-07	9.2E-10	5.8E-09	3.5E-10	6.2E-09
99	556989.4, 3777393.38	0.00050775	1.23632E-06	3.4E-07	8.2E-10	5.3E-09	3.1E-10	5.6E-09
100	557009.4, 3777393.38	0.000459138	1.09834E-06	3.0E-07	7.3E-10	4.8E-09	2.7E-10	5.0E-09
101	557029.4, 3777393.38	0.00041508	9.75105E-07	2.7E-07	6.5E-10	4.3E-09	2.4E-10	4.6E-09
102	557049.4, 3777393.38	0.000375558	8.69219E-07	2.5E-07	5.8E-10	3.9E-09	2.2E-10	4.1E-09
103	557069.4, 3777393.38	0.000340239	7.78473E-07	2.3E-07	5.2E-10	3.5E-09	1.9E-10	3.7E-09
104	557089.4, 3777393.38	0.000308652	7.00687E-07	2.0E-07	4.6E-10	3.2E-09	1.7E-10	3.4E-09
105	557109.4, 3777393.38	0.000280395	6.34093E-07	1.9E-07	4.2E-10	2.9E-09	1.6E-10	3.1E-09
106	557129.4, 3777393.38	0.000255058	5.752E-07	1.7E-07	3.8E-10	2.7E-09	1.4E-10	2.8E-09
107	557149.4, 3777393.38	0.000232389	5.25634E-07	1.5E-07	3.5E-10	2.4E-09	1.3E-10	2.5E-09
108	557169.4, 3777393.38	0.000212078	4.81609E-07	1.4E-07	3.2E-10	2.2E-09	1.2E-10	2.3E-09
109	557189.4, 3777393.38	0.000193913	4.43294E-07	1.3E-07	2.9E-10	2.0E-09	1.1E-10	2.1E-09
110	557209.4, 3777393.38	0.000177704	4.10332E-07	1.2E-07	2.7E-10	1.8E-09	1.0E-10	2.0E-09
111	557229.4, 3777393.38	0.00016322	3.80877E-07	1.1E-07	2.5E-10	1.7E-09	9.5E-11	1.8E-09
112	557249.4, 3777393.38	0.000150251	3.53939E-07	9.9E-08	2.3E-10	1.6E-09	8.8E-11	1.7E-09
113	557269.4, 3777393.38	0.000138656	3.30094E-07	9.2E-08	2.2E-10	1.4E-09	8.2E-11	1.5E-09
114	557289.4, 3777393.38	0.000128265	3.08533E-07	8.5E-08	2.0E-10	1.3E-09	7.7E-11	1.4E-09
115	557309.4, 3777393.38	0.000118927	2.88702E-07	7.9E-08	1.9E-10	1.2E-09	7.2E-11	1.3E-09
116	557329.4, 3777393.38	0.000110562	2.71569E-07	7.3E-08	1.8E-10	1.1E-09	6.8E-11	1.2E-09
117	557349.4, 3777393.38	0.000103009	2.55684E-07	6.8E-08	1.7E-10	1.1E-09	6.4E-11	1.1E-09
118	557369.4, 3777393.38	9.61783E-05	2.4127E-07	6.4E-08	1.6E-10	1.0E-09	6.0E-11	1.1E-09
119	557389.4, 3777393.38	8.99998E-05	2.28052E-07	6.0E-08	1.5E-10	9.4E-10	5.7E-11	9.9E-10
120	557409.4, 3777393.38	8.43729E-05	2.15695E-07	5.6E-08	1.4E-10	8.8E-10	5.4E-11	9.3E-10
121	557429.4, 3777393.38	7.92575E-05	2.04439E-07	5.2E-08	1.4E-10	8.2E-10	5.1E-11	8.8E-10
122	557449.4, 3777393.38	7.46036E-05	1.94201E-07	4.9E-08	1.3E-10	7.8E-10	4.8E-11	8.2E-10
123	557469.4, 3777393.38	7.03307E-05	1.84479E-07	4.7E-08	1.2E-10	7.3E-10	4.6E-11	7.8E-10
124	557489.4, 3777393.38	6.6409E-05	1.75247E-07	4.4E-08	1.2E-10	6.9E-10	4.4E-11	7.3E-10
125	556509.4, 3777413.38	0.000495951	8.33262E-07	3.3E-07	5.5E-10	5.2E-09	2.1E-10	5.4E-09
126	556529.4, 3777413.38	0.000521469	8.85539E-07	3.5E-07	5.9E-10	5.4E-09	2.2E-10	5.6E-09
127	556549.4, 3777413.38	0.000546435	9.39678E-07	3.6E-07	6.2E-10	5.7E-09	2.3E-10	5.9E-09
128	556569.4, 3777413.38	0.000570719	9.95283E-07	3.8E-07	6.6E-10	5.9E-09	2.5E-10	6.2E-09
129	556589.4, 3777413.38	0.000594111	1.05228E-06	3.9E-07	7.0E-10	6.2E-09	2.6E-10	6.4E-09
130	556609.4, 3777413.38	0.000616299	1.11057E-06	4.1E-07	7.3E-10	6.4E-09	2.8E-10	6.7E-09
131	556629.4, 3777413.38	0.000636572	1.17027E-06	4.2E-07	7.7E-10	6.6E-09	2.9E-10	6.9E-09
132	556649.4, 3777413.38	0.000654558	1.22845E-06	4.3E-07	8.1E-10	6.8E-09	3.1E-10	7.1E-09
133	556669.4, 3777413.38	0.000668683	1.28652E-06	4.4E-07	8.5E-10	7.0E-09	3.2E-10	7.3E-09
134	556689.4, 3777413.38	0.000678505	1.34262E-06	4.5E-07	8.9E-10	7.1E-09	3.4E-10	7.4E-09
135	556709.4, 3777413.38	0.000684205	1.39619E-06	4.5E-07	9.2E-10	7.1E-09	3.5E-10	7.5E-09
136	556729.4, 3777413.38	0.000687208	1.44574E-06	4.5E-07	9.6E-10	7.1E-09	3.6E-10	7.5E-09
137	556749.4, 3777413.38	0.000689277	1.49059E-06	4.6E-07	9.9E-10	7.2E-09	3.7E-10	7.5E-09
138	556769.4, 3777413.38	0.000691205	1.53214E-06	4.6E-07	1.0E-09	7.2E-09	3.8E-10	7.6E-09
139	556789.4, 3777413.38	0.000693754	1.56428E-06	4.6E-07	1.0E-09	7.2E-09	3.9E-10	7.6E-09
140	556809.4, 3777413.38	0.000694798	1.58796E-06	4.6E-07	1.1E-09	7.2E-09	4.0E-10	7.6E-09
141	556829.4, 3777413.38	0.000692331	1.59604E-06	4.6E-07	1.1E-09	7.2E-09	4.0E-10	7.6E-09
142	556849.4, 3777413.38	0.000683474	1.58687E-06	4.5E-07	1.0E-09	7.1E-09	4.0E-10	7.5E-09
143	556869.4, 3777413.38	0.00066628	1.56399E-06	4.4E-07	1.0E-09	6.9E-09	3.9E-10	7.3E-09
144	556889.4, 3777413.38	0.000640641	1.52057E-06	4.2E-07	1.0E-09	6.7E-09	3.8E-10	7.0E-09
145	556909.4, 3777413.38	0.000607629	1.45824E-06	4.0E-07	9.6E-10	6.3E-09	3.6E-10	6.7E-09
146	556929.4, 3777413.38	0.000569271	1.38012E-06	3.8E-07	9.1E-10	5.9E-09	3.4E-10	6.3E-09
147	556949.4, 3777413.38	0.000527923	1.27844E-06	3.5E-07	8.5E-10	5.5E-09	3.2E-10	5.8E-09
148	556969.4, 3777413.38	0.000485752	1.17175E-06	3.2E-07	7.8E-10	5.1E-09	2.9E-10	5.3E-09
149	556989.4, 3777413.38	0.000444624	1.06444E-06	2.9E-07	7.0E-10	4.6E-09	2.7E-10	4.9E-09
150	557009.4, 3777413.38	0.000405813	9.63762E-07	2.7E-07	6.4E-10	4.2E-09	2.4E-10	4.5E-09
151	557029.4, 3777413.38	0.000370032	8.69817E-07	2.4E-07	5.8E-10	3.8E-09	2.2E-10	4.1E-09
152	557049.4, 3777413.38	0.000337522	7.86599E-07	2.2E-07	5.2E-10	3.5E-09	2.0E-10	3.7E-09
153	557069.4, 3777413.38	0.000308192	7.12999E-07	2.0E-07	4.7E-10	3.2E-09	1.8E-10	3.4E-09
154	557089.4, 3777413.38	0.000281741	6.48133E-07	1.9E-07	4.3E-10	2.9E-09	1.6E-10	3.1E-09
155	557109.4, 3777413.38	0.000257857	5.91631E-07	1.7E-07	3.9E-10	2.7E-09	1.5E-10	2.8E-09
156	557129.4, 3777413.38	0.000236201	5.40117E-07	1.6E-07	3.6E-10	2.5E-09	1.3E-10	2.6E-09
157	557149.4, 3777413.38	0.000216632	4.96882E-07	1.4E-07	3.3E-10	2.3E-09	1.2E-10	2.4E-09
158	557169.4, 3777413.38	0.000198868	4.57322E-07	1.3E-07	3.0E-10	2.1E-09	1.1E-10	2.2E-09
159	557189.4, 3777413.38	0.000182809	4.22973E-07	1.2E-07	2.8E-10	1.9E-09	1.1E-10	2.0E-09
160	557209.4, 3777413.38	0.000168316	3.92842E-07	1.1E-07	2.6E-10	1.8E-09	9.8E-11	1.8E-09
161	557229.4, 3777413.38	0.000155216	3.65355E-07	1.0E-07	2.4E-10	1.6E-09	9.1E-11	1.7E-09
162	557249.4, 3777413.38	0.0001434	3.40795E-07	9.5E-08	2.3E-10	1.5E-09	8.5E-11	1.6E-09
163	557269.4, 3777413.38	0.000132768	3.18794E-07	8.8E-08	2.1E-10	1.4E-09	8.0E-11	1.5E-09
164	557289.4, 3777413.38	0.00012318	2.98831E-07	8.2E-08	2.0E-10	1.3E-09	7.5E-11	1.4E-09
165	557309.4, 3777413.38	0.000114514	2.80665E-07	7.6E-08	1.9E-10	1.2E-09	7.0E-11	1.3E-09

166	557329.4, 3777413.38	0.00010669	2.63948E-07	7.1E-08	1.7E-10	1.1E-09	6.6E-11	1.2E-09
167	557349.4, 3777413.38	9.96187E-05	2.4927E-07	6.6E-08	1.6E-10	1.0E-09	6.2E-11	1.1E-09
168	557369.4, 3777413.38	9.31894E-05	2.35233E-07	6.2E-08	1.6E-10	9.7E-10	5.9E-11	1.0E-09
169	557389.4, 3777413.38	8.73619E-05	2.22855E-07	5.8E-08	1.5E-10	9.1E-10	5.6E-11	9.6E-10
170	557409.4, 3777413.38	8.2046E-05	2.11356E-07	5.4E-08	1.4E-10	8.5E-10	5.3E-11	9.1E-10
171	557429.4, 3777413.38	7.71814E-05	2.00257E-07	5.1E-08	1.3E-10	8.0E-10	5.0E-11	8.5E-10
172	557449.4, 3777413.38	7.2748E-05	1.90415E-07	4.8E-08	1.3E-10	7.6E-10	4.8E-11	8.0E-10
173	557469.4, 3777413.38	6.86959E-05	1.81402E-07	4.5E-08	1.2E-10	7.1E-10	4.5E-11	7.6E-10
174	557489.4, 3777413.38	6.49547E-05	1.72665E-07	4.3E-08	1.1E-10	6.8E-10	4.3E-11	7.2E-10
175	556509.4, 3777433.38	0.000442489	7.71037E-07	2.9E-07	5.1E-10	4.6E-09	1.9E-10	4.8E-09
176	556529.4, 3777433.38	0.000461377	8.14583E-07	3.1E-07	5.4E-10	4.8E-09	2.0E-10	5.0E-09
177	556549.4, 3777433.38	0.000479693	8.59102E-07	3.2E-07	5.7E-10	5.0E-09	2.1E-10	5.2E-09
178	556569.4, 3777433.38	0.000497367	9.04365E-07	3.3E-07	6.0E-10	5.2E-09	2.3E-10	5.4E-09
179	556589.4, 3777433.38	0.000514008	9.51508E-07	3.4E-07	6.3E-10	5.3E-09	2.4E-10	5.6E-09
180	556609.4, 3777433.38	0.000529587	9.98773E-07	3.5E-07	6.6E-10	5.5E-09	2.5E-10	5.8E-09
181	556629.4, 3777433.38	0.00054348	1.04597E-06	3.6E-07	6.9E-10	5.7E-09	2.6E-10	5.9E-09
182	556649.4, 3777433.38	0.000555016	1.09206E-06	3.7E-07	7.2E-10	5.8E-09	2.7E-10	6.0E-09
183	556669.4, 3777433.38	0.000563534	1.13639E-06	3.7E-07	7.5E-10	5.9E-09	2.8E-10	6.1E-09
184	556689.4, 3777433.38	0.000568752	1.17929E-06	3.8E-07	7.8E-10	5.9E-09	2.9E-10	6.2E-09
185	556709.4, 3777433.38	0.000571652	1.21797E-06	3.8E-07	8.1E-10	5.9E-09	3.0E-10	6.2E-09
186	556729.4, 3777433.38	0.000573119	1.25356E-06	3.8E-07	8.3E-10	6.0E-09	3.1E-10	6.3E-09
187	556749.4, 3777433.38	0.000574755	1.28301E-06	3.8E-07	8.5E-10	6.0E-09	3.2E-10	6.3E-09
188	556769.4, 3777433.38	0.000576512	1.30903E-06	3.8E-07	8.7E-10	6.0E-09	3.3E-10	6.3E-09
189	556789.4, 3777433.38	0.000578759	1.32575E-06	3.8E-07	8.8E-10	6.0E-09	3.3E-10	6.3E-09
190	556809.4, 3777433.38	0.000579872	1.33366E-06	3.8E-07	8.8E-10	6.0E-09	3.3E-10	6.4E-09
191	556829.4, 3777433.38	0.000578136	1.33119E-06	3.8E-07	8.8E-10	6.0E-09	3.3E-10	6.3E-09
192	556849.4, 3777433.38	0.000571736	1.31608E-06	3.8E-07	8.7E-10	5.9E-09	3.3E-10	6.3E-09
193	556869.4, 3777433.38	0.000559277	1.2941E-06	3.7E-07	8.6E-10	5.8E-09	3.2E-10	6.1E-09
194	556889.4, 3777433.38	0.000540599	1.25994E-06	3.6E-07	8.3E-10	5.6E-09	3.1E-10	5.9E-09
195	556909.4, 3777433.38	0.000516354	1.21449E-06	3.4E-07	8.0E-10	5.4E-09	3.0E-10	5.7E-09
196	556929.4, 3777433.38	0.000487837	1.156E-06	3.2E-07	7.6E-10	5.1E-09	2.9E-10	5.4E-09
197	556949.4, 3777433.38	0.00045655	1.08675E-06	3.0E-07	7.2E-10	4.7E-09	2.7E-10	5.0E-09
198	556969.4, 3777433.38	0.00042398	1.00789E-06	2.8E-07	6.7E-10	4.4E-09	2.5E-10	4.7E-09
199	556989.4, 3777433.38	0.000391499	9.27532E-07	2.6E-07	6.1E-10	4.1E-09	2.3E-10	4.3E-09
200	557009.4, 3777433.38	0.000360273	8.53133E-07	2.4E-07	5.6E-10	3.7E-09	2.1E-10	4.0E-09
201	557029.4, 3777433.38	0.000330983	7.80523E-07	2.2E-07	5.2E-10	3.4E-09	1.9E-10	3.6E-09
202	557049.4, 3777433.38	0.00030404	7.14406E-07	2.0E-07	4.7E-10	3.2E-09	1.8E-10	3.3E-09
203	557069.4, 3777433.38	0.000279485	6.53558E-07	1.8E-07	4.3E-10	2.9E-09	1.6E-10	3.1E-09
204	557089.4, 3777433.38	0.000257196	5.99004E-07	1.7E-07	4.0E-10	2.7E-09	1.5E-10	2.8E-09
205	557109.4, 3777433.38	0.000236934	5.50797E-07	1.6E-07	3.6E-10	2.5E-09	1.4E-10	2.6E-09
206	557129.4, 3777433.38	0.000218458	5.06617E-07	1.4E-07	3.4E-10	2.3E-09	1.3E-10	2.4E-09
207	557149.4, 3777433.38	0.000201597	4.68352E-07	1.3E-07	3.1E-10	2.1E-09	1.2E-10	2.2E-09
208	557169.4, 3777433.38	0.00018614	4.32971E-07	1.2E-07	2.9E-10	1.9E-09	1.1E-10	2.0E-09
209	557189.4, 3777433.38	0.000172027	4.02391E-07	1.1E-07	2.7E-10	1.8E-09	1.0E-10	1.9E-09
210	557209.4, 3777433.38	0.000159138	3.75017E-07	1.1E-07	2.5E-10	1.7E-09	9.4E-11	1.7E-09
211	557229.4, 3777433.38	0.000147373	3.49587E-07	9.8E-08	2.3E-10	1.5E-09	8.7E-11	1.6E-09
212	557249.4, 3777433.38	0.00013669	3.27567E-07	9.0E-08	2.2E-10	1.4E-09	8.2E-11	1.5E-09
213	557269.4, 3777433.38	0.000126971	3.07174E-07	8.4E-08	2.0E-10	1.3E-09	7.7E-11	1.4E-09
214	557289.4, 3777433.38	0.000118135	2.88398E-07	7.8E-08	1.9E-10	1.2E-09	7.2E-11	1.3E-09
215	557309.4, 3777433.38	0.00011013	2.71922E-07	7.3E-08	1.8E-10	1.1E-09	6.8E-11	1.2E-09
216	557329.4, 3777433.38	0.000102839	2.56238E-07	6.8E-08	1.7E-10	1.1E-09	6.4E-11	1.1E-09
217	557349.4, 3777433.38	9.61985E-05	2.41578E-07	6.4E-08	1.6E-10	1.0E-09	6.0E-11	1.1E-09
218	557369.4, 3777433.38	9.01805E-05	2.28731E-07	6.0E-08	1.5E-10	9.4E-10	5.7E-11	9.9E-10
219	557389.4, 3777433.38	8.4714E-05	2.17479E-07	5.6E-08	1.4E-10	8.8E-10	5.4E-11	9.4E-10
220	557409.4, 3777433.38	7.9699E-05	2.06644E-07	5.3E-08	1.4E-10	8.3E-10	5.2E-11	8.8E-10
221	557429.4, 3777433.38	7.50851E-05	1.95933E-07	5.0E-08	1.3E-10	7.8E-10	4.9E-11	8.3E-10
222	557449.4, 3777433.38	7.08725E-05	1.86542E-07	4.7E-08	1.2E-10	7.4E-10	4.7E-11	7.8E-10
223	557469.4, 3777433.38	6.70109E-05	1.77766E-07	4.4E-08	1.2E-10	7.0E-10	4.4E-11	7.4E-10
224	557489.4, 3777433.38	6.34502E-05	1.69594E-07	4.2E-08	1.1E-10	6.6E-10	4.2E-11	7.0E-10
225	556509.4, 3777453.38	0.000394023	7.13824E-07	2.6E-07	4.7E-10	4.1E-09	1.8E-10	4.3E-09
226	556529.4, 3777453.38	0.000408086	7.5027E-07	2.7E-07	5.0E-10	4.2E-09	1.9E-10	4.4E-09
227	556549.4, 3777453.38	0.000421607	7.87572E-07	2.8E-07	5.2E-10	4.4E-09	2.0E-10	4.6E-09
228	556569.4, 3777453.38	0.000434677	8.24725E-07	2.9E-07	5.5E-10	4.5E-09	2.1E-10	4.7E-09
229	556589.4, 3777453.38	0.000446875	8.62896E-07	3.0E-07	5.7E-10	4.6E-09	2.2E-10	4.9E-09
230	556609.4, 3777453.38	0.00045801	9.00549E-07	3.0E-07	6.0E-10	4.8E-09	2.2E-10	5.0E-09
231	556629.4, 3777453.38	0.000467349	9.38497E-07	3.1E-07	6.2E-10	4.9E-09	2.3E-10	5.1E-09
232	556649.4, 3777453.38	0.000474652	9.7447E-07	3.1E-07	6.4E-10	4.9E-09	2.4E-10	5.2E-09
233	556669.4, 3777453.38	0.000479609	1.00824E-06	3.2E-07	6.7E-10	5.0E-09	2.5E-10	5.2E-09
234	556689.4, 3777453.38	0.000482348	1.03996E-06	3.2E-07	6.9E-10	5.0E-09	2.6E-10	5.3E-09
235	556709.4, 3777453.38	0.000483794	1.0679E-06	3.2E-07	7.1E-10	5.0E-09	2.7E-10	5.3E-09
236	556729.4, 3777453.38	0.000484658	1.09324E-06	3.2E-07	7.2E-10	5.0E-09	2.7E-10	5.3E-09
237	556749.4, 3777453.38	0.000485932	1.11346E-06	3.2E-07	7.4E-10	5.1E-09	2.8E-10	5.3E-09
238	556769.4, 3777453.38	0.000487748	1.12813E-06	3.2E-07	7.5E-10	5.1E-09	2.8E-10	5.4E-09
239	556789.4, 3777453.38	0.000489694	1.13578E-06	3.2E-07	7.5E-10	5.1E-09	2.8E-10	5.4E-09
240	556809.4, 3777453.38	0.000490696	1.1364E-06	3.2E-07	7.5E-10	5.1E-09	2.8E-10	5.4E-09
241	556829.4, 3777453.38	0.000489381	1.13104E-06	3.2E-07	7.5E-10	5.1E-09	2.8E-10	5.4E-09
242	556849.4, 3777453.38	0.000484656	1.11653E-06	3.2E-07	7.4E-10	5.0E-09	2.8E-10	5.3E-09
243	556869.4, 3777453.38	0.000475397	1.09749E-06	3.1E-07	7.3E-10	4.9E-09	2.7E-10	5.2E-09
244	556889.4, 3777453.38	0.000461544	1.06781E-06	3.1E-07	7.1E-10	4.8E-09	2.7E-10	5.1E-09
245	556909.4, 3777453.38	0.000443388	1.03334E-06	2.9E-07	6.8E-10	4.6E-09	2.6E-10	4.9E-09
246	556929.4, 3777453.38	0.000421812	9.87568E-07	2.8E-07	6.5E-10	4.4E-09	2.5E-10	4.6E-09
247	556949.4, 3777453.38	0.000397809	9.36538E-07	2.6E-07	6.2E-10	4.1E-09	2.3E-10	4.4E-09
248	556969.4, 3777453.38	0.000372411	8.78859E-07	2.5E-07	5.8E-10	3.9E-09	2.2E-10	4.1E-09
249	556989.4, 3777453.38	0.000346591	8.18063E-07	2.3E-07	5.4E-10	3.6E-09	2.0E-10	3.8E-09
250	557009.4, 3777453.38	0.000321264	7.57955E-07	2.1E-07	5.0E-10	3.3E-09	1.9E-10	3.5E-09
251	557029.4, 3777453.38	0.00029714	7.01078E-07	2.0E-07	4.6E-10	3.1E-09	1.7E-10	3.3E-09
252	557049.4, 3777453.38	0.000274631	6.47901E-07	1.8E-07	4.3E-10	2.9E-09	1.6E-10	3.0E-09

253	557069.4, 3777453.38	0.000253937	5.99128E-07	1.7E-07	4.0E-10	2.6E-09	1.5E-10	2.8E-09
254	557089.4, 3777453.38	0.000235009	5.53761E-07	1.6E-07	3.7E-10	2.4E-09	1.4E-10	2.6E-09
255	557109.4, 3777453.38	0.000217726	5.12709E-07	1.4E-07	3.4E-10	2.3E-09	1.3E-10	2.4E-09
256	557129.4, 3777453.38	0.000201898	4.74771E-07	1.3E-07	3.1E-10	2.1E-09	1.2E-10	2.2E-09
257	557149.4, 3777453.38	0.000187374	4.41131E-07	1.2E-07	2.9E-10	1.9E-09	1.1E-10	2.1E-09
258	557169.4, 3777453.38	0.000173953	4.09381E-07	1.2E-07	2.7E-10	1.8E-09	1.0E-10	1.9E-09
259	557189.4, 3777453.38	0.000161606	3.81912E-07	1.1E-07	2.5E-10	1.7E-09	9.5E-11	1.8E-09
260	557209.4, 3777453.38	0.000150231	3.57395E-07	9.9E-08	2.4E-10	1.6E-09	8.9E-11	1.7E-09
261	557229.4, 3777453.38	0.00013973	3.34298E-07	9.2E-08	2.2E-10	1.5E-09	8.3E-11	1.5E-09
262	557249.4, 3777453.38	0.000130111	3.14219E-07	8.6E-08	2.1E-10	1.4E-09	7.8E-11	1.4E-09
263	557269.4, 3777453.38	0.000121274	2.95351E-07	8.0E-08	2.0E-10	1.3E-09	7.4E-11	1.3E-09
264	557289.4, 3777453.38	0.00011319	2.78115E-07	7.5E-08	1.8E-10	1.2E-09	6.9E-11	1.2E-09
265	557309.4, 3777453.38	0.000105808	2.62692E-07	7.0E-08	1.7E-10	1.1E-09	6.6E-11	1.2E-09
266	557329.4, 3777453.38	9.90472E-05	2.48262E-07	6.6E-08	1.6E-10	1.0E-09	6.2E-11	1.1E-09
267	557349.4, 3777453.38	9.28686E-05	2.35077E-07	6.1E-08	1.6E-10	9.7E-10	5.9E-11	1.0E-09
268	557369.4, 3777453.38	8.72116E-05	2.22428E-07	5.8E-08	1.5E-10	9.1E-10	5.6E-11	9.6E-10
269	557389.4, 3777453.38	8.20461E-05	2.11295E-07	5.4E-08	1.4E-10	8.5E-10	5.3E-11	9.1E-10
270	557409.4, 3777453.38	7.73319E-05	2.01367E-07	5.1E-08	1.3E-10	8.0E-10	5.0E-11	8.5E-10
271	557429.4, 3777453.38	7.29889E-05	1.91676E-07	4.8E-08	1.3E-10	7.6E-10	4.8E-11	8.1E-10
272	557449.4, 3777453.38	6.89969E-05	1.82674E-07	4.6E-08	1.2E-10	7.2E-10	4.6E-11	7.6E-10
273	557469.4, 3777453.38	6.53158E-05	1.74192E-07	4.3E-08	1.2E-10	6.8E-10	4.3E-11	7.2E-10
274	557489.4, 3777453.38	6.19256E-05	1.66179E-07	4.1E-08	1.1E-10	6.4E-10	4.1E-11	6.9E-10
275	556509.4, 3777473.38	0.000350962	6.61446E-07	2.3E-07	4.4E-10	3.6E-09	1.7E-10	3.8E-09
276	556529.4, 3777473.38	0.000361705	6.91395E-07	2.4E-07	4.6E-10	3.8E-09	1.7E-10	3.9E-09
277	556549.4, 3777473.38	0.000371997	7.22063E-07	2.5E-07	4.8E-10	3.9E-09	1.8E-10	4.0E-09
278	556569.4, 3777473.38	0.000381677	7.53554E-07	2.5E-07	5.0E-10	4.0E-09	1.9E-10	4.2E-09
279	556589.4, 3777473.38	0.000390735	7.84052E-07	2.6E-07	5.2E-10	4.1E-09	2.0E-10	4.3E-09
280	556609.4, 3777473.38	0.00039862	8.14191E-07	2.6E-07	5.4E-10	4.1E-09	2.0E-10	4.3E-09
281	556629.4, 3777473.38	0.000404879	8.438E-07	2.7E-07	5.6E-10	4.2E-09	2.1E-10	4.4E-09
282	556649.4, 3777473.38	0.000409294	8.72164E-07	2.7E-07	5.8E-10	4.3E-09	2.2E-10	4.5E-09
283	556669.4, 3777473.38	0.000412023	8.97816E-07	2.7E-07	5.9E-10	4.3E-09	2.2E-10	4.5E-09
284	556689.4, 3777473.38	0.000413418	9.20947E-07	2.7E-07	6.1E-10	4.3E-09	2.3E-10	4.5E-09
285	556709.4, 3777473.38	0.000414091	9.41803E-07	2.7E-07	6.2E-10	4.3E-09	2.4E-10	4.5E-09
286	556729.4, 3777473.38	0.000414764	9.59686E-07	2.7E-07	6.3E-10	4.3E-09	2.4E-10	4.6E-09
287	556749.4, 3777473.38	0.000416058	9.72051E-07	2.8E-07	6.4E-10	4.3E-09	2.4E-10	4.6E-09
288	556769.4, 3777473.38	0.000417673	9.80697E-07	2.8E-07	6.5E-10	4.3E-09	2.4E-10	4.6E-09
289	556789.4, 3777473.38	0.000419377	9.82888E-07	2.8E-07	6.5E-10	4.4E-09	2.5E-10	4.6E-09
290	556809.4, 3777473.38	0.000420209	9.80551E-07	2.8E-07	6.5E-10	4.4E-09	2.4E-10	4.6E-09
291	556829.4, 3777473.38	0.000419265	9.73444E-07	2.8E-07	6.4E-10	4.4E-09	2.4E-10	4.6E-09
292	556849.4, 3777473.38	0.000415613	9.61736E-07	2.7E-07	6.4E-10	4.3E-09	2.4E-10	4.6E-09
293	556869.4, 3777473.38	0.000408611	9.45608E-07	2.7E-07	6.3E-10	4.2E-09	2.4E-10	4.5E-09
294	556889.4, 3777473.38	0.000398099	9.21396E-07	2.6E-07	6.1E-10	4.1E-09	2.3E-10	4.4E-09
295	556909.4, 3777473.38	0.000384256	8.94346E-07	2.5E-07	5.9E-10	4.0E-09	2.2E-10	4.2E-09
296	556929.4, 3777473.38	0.000367686	8.60249E-07	2.4E-07	5.7E-10	3.8E-09	2.1E-10	4.0E-09
297	556949.4, 3777473.38	0.000349059	8.20557E-07	2.3E-07	5.4E-10	3.6E-09	2.0E-10	3.8E-09
298	556969.4, 3777473.38	0.000329078	7.75978E-07	2.2E-07	5.1E-10	3.4E-09	1.9E-10	3.6E-09
299	556989.4, 3777473.38	0.000308434	7.28868E-07	2.0E-07	4.8E-10	3.2E-09	1.8E-10	3.4E-09
300	557009.4, 3777473.38	0.000287821	6.81792E-07	1.9E-07	4.5E-10	3.0E-09	1.7E-10	3.2E-09
301	557029.4, 3777473.38	0.00026782	6.35405E-07	1.8E-07	4.2E-10	2.8E-09	1.6E-10	2.9E-09
302	557049.4, 3777473.38	0.000248882	5.91265E-07	1.6E-07	3.9E-10	2.6E-09	1.5E-10	2.7E-09
303	557069.4, 3777473.38	0.000231288	5.50786E-07	1.5E-07	3.6E-10	2.4E-09	1.4E-10	2.5E-09
304	557089.4, 3777473.38	0.000215089	5.12354E-07	1.4E-07	3.4E-10	2.2E-09	1.3E-10	2.4E-09
305	557109.4, 3777473.38	0.000200234	4.77451E-07	1.3E-07	3.2E-10	2.1E-09	1.2E-10	2.2E-09
306	557129.4, 3777473.38	0.000186582	4.44446E-07	1.2E-07	2.9E-10	1.9E-09	1.1E-10	2.1E-09
307	557149.4, 3777473.38	0.000174024	4.15281E-07	1.2E-07	2.7E-10	1.8E-09	1.0E-10	1.9E-09
308	557169.4, 3777473.38	0.000162389	3.87167E-07	1.1E-07	2.6E-10	1.7E-09	9.7E-11	1.8E-09
309	557189.4, 3777473.38	0.000151606	3.62447E-07	1.0E-07	2.4E-10	1.6E-09	9.0E-11	1.7E-09
310	557209.4, 3777473.38	0.000141596	3.40098E-07	9.4E-08	2.3E-10	1.5E-09	8.5E-11	1.6E-09
311	557229.4, 3777473.38	0.000132297	3.19355E-07	8.8E-08	2.1E-10	1.4E-09	8.0E-11	1.5E-09
312	557249.4, 3777473.38	0.000123681	3.00993E-07	8.2E-08	2.0E-10	1.3E-09	7.5E-11	1.4E-09
313	557269.4, 3777473.38	0.000115697	2.83604E-07	7.7E-08	1.9E-10	1.2E-09	7.1E-11	1.3E-09
314	557289.4, 3777473.38	0.000108335	2.67759E-07	7.2E-08	1.8E-10	1.1E-09	6.7E-11	1.2E-09
315	557309.4, 3777473.38	0.000101545	2.53404E-07	6.7E-08	1.7E-10	1.1E-09	6.3E-11	1.1E-09
316	557329.4, 3777473.38	9.5306E-05	2.402E-07	6.3E-08	1.6E-10	9.9E-10	6.0E-11	1.1E-09
317	557349.4, 3777473.38	8.95687E-05	2.27784E-07	5.9E-08	1.5E-10	9.3E-10	5.7E-11	9.9E-10
318	557369.4, 3777473.38	8.42929E-05	2.16369E-07	5.6E-08	1.4E-10	8.8E-10	5.4E-11	9.3E-10
319	557389.4, 3777473.38	7.94383E-05	2.05617E-07	5.3E-08	1.4E-10	8.3E-10	5.1E-11	8.8E-10
320	557409.4, 3777473.38	7.49849E-05	1.95965E-07	5.0E-08	1.3E-10	7.8E-10	4.9E-11	8.3E-10
321	557429.4, 3777473.38	7.08826E-05	1.86678E-07	4.7E-08	1.2E-10	7.4E-10	4.7E-11	7.8E-10
322	557449.4, 3777473.38	6.71112E-05	1.78499E-07	4.4E-08	1.2E-10	7.0E-10	4.5E-11	7.4E-10
323	557469.4, 3777473.38	6.36308E-05	1.7045E-07	4.2E-08	1.1E-10	6.6E-10	4.3E-11	7.0E-10
324	557489.4, 3777473.38	6.04011E-05	1.62853E-07	4.0E-08	1.1E-10	6.3E-10	4.1E-11	6.7E-10
325	556509.4, 3777493.38	0.000313238	6.13454E-07	2.1E-07	4.1E-10	3.3E-09	1.5E-10	3.4E-09
326	556529.4, 3777493.38	0.000321464	6.39218E-07	2.1E-07	4.2E-10	3.3E-09	1.6E-10	3.5E-09
327	556549.4, 3777493.38	0.000329428	6.6451E-07	2.2E-07	4.4E-10	3.4E-09	1.7E-10	3.6E-09
328	556569.4, 3777493.38	0.000336991	6.88587E-07	2.2E-07	4.6E-10	3.5E-09	1.7E-10	3.7E-09
329	556589.4, 3777493.38	0.000343622	7.13262E-07	2.3E-07	4.7E-10	3.6E-09	1.8E-10	3.8E-09
330	556609.4, 3777493.38	0.000349029	7.37978E-07	2.3E-07	4.9E-10	3.6E-09	1.8E-10	3.8E-09
331	556629.4, 3777493.38	0.000353112	7.60818E-07	2.3E-07	5.0E-10	3.7E-09	1.9E-10	3.9E-09
332	556649.4, 3777493.38	0.000355711	7.82474E-07	2.4E-07	5.2E-10	3.7E-09	2.0E-10	3.9E-09
333	556669.4, 3777493.38	0.000357005	8.03034E-07	2.4E-07	5.3E-10	3.7E-09	2.0E-10	3.9E-09
334	556689.4, 3777493.38	0.000357648	8.20307E-07	2.4E-07	5.4E-10	3.7E-09	2.0E-10	3.9E-09
335	556709.4, 3777493.38	0.00035808	8.35317E-07	2.4E-07	5.5E-10	3.7E-09	2.1E-10	3.9E-09
336	556729.4, 3777493.38	0.000358662	8.48195E-07	2.4E-07	5.6E-10	3.7E-09	2.1E-10	3.9E-09
337	556749.4, 3777493.38	0.000359946	8.55289E-07	2.4E-07	5.7E-10	3.7E-09	2.1E-10	4.0E-09
338	556769.4, 3777493.38	0.00036141	8.59934E-07	2.4E-07	5.7E-10	3.8E-09	2.1E-10	4.0E-09
339	556789.4, 3777493.38	0.000362884	8.59314E-07	2.4E-07	5.7E-10	3.8E-09	2.1E-10	4.0E-09

340	556809.4, 3777493.38	0.000363625	8.54884E-07	2.4E-07	5.7E-10	3.8E-09	2.1E-10	4.0E-09
341	556829.4, 3777493.38	0.000362862	8.48758E-07	2.4E-07	5.6E-10	3.8E-09	2.1E-10	4.0E-09
342	556849.4, 3777493.38	0.000360063	8.3802E-07	2.4E-07	5.5E-10	3.7E-09	2.1E-10	4.0E-09
343	556869.4, 3777493.38	0.000354646	8.24858E-07	2.3E-07	5.5E-10	3.7E-09	2.1E-10	3.9E-09
344	556889.4, 3777493.38	0.000346511	8.06083E-07	2.3E-07	5.3E-10	3.6E-09	2.0E-10	3.8E-09
345	556909.4, 3777493.38	0.000335778	7.84337E-07	2.2E-07	5.2E-10	3.5E-09	2.0E-10	3.7E-09
346	556929.4, 3777493.38	0.000322868	7.57281E-07	2.1E-07	5.0E-10	3.4E-09	1.9E-10	3.5E-09
347	556949.4, 3777493.38	0.000308254	7.26168E-07	2.0E-07	4.8E-10	3.2E-09	1.8E-10	3.4E-09
348	556969.4, 3777493.38	0.000292385	6.90735E-07	1.9E-07	4.6E-10	3.0E-09	1.7E-10	3.2E-09
349	556989.4, 3777493.38	0.000275785	6.5402E-07	1.8E-07	4.3E-10	2.9E-09	1.6E-10	3.0E-09
350	557009.4, 3777493.38	0.000258923	6.1648E-07	1.7E-07	4.1E-10	2.7E-09	1.5E-10	2.8E-09
351	557029.4, 3777493.38	0.000242292	5.78481E-07	1.6E-07	3.8E-10	2.5E-09	1.4E-10	2.7E-09
352	557049.4, 3777493.38	0.000226304	5.41788E-07	1.5E-07	3.6E-10	2.4E-09	1.4E-10	2.5E-09
353	557069.4, 3777493.38	0.000211248	5.07571E-07	1.4E-07	3.4E-10	2.2E-09	1.3E-10	2.3E-09
354	557089.4, 3777493.38	0.000197265	4.74728E-07	1.3E-07	3.1E-10	2.1E-09	1.2E-10	2.2E-09
355	557109.4, 3777493.38	0.000184396	4.4519E-07	1.2E-07	2.9E-10	1.9E-09	1.1E-10	2.0E-09
356	557129.4, 3777493.38	0.00017255	4.16604E-07	1.1E-07	2.8E-10	1.8E-09	1.0E-10	1.9E-09
357	557149.4, 3777493.38	0.000161627	3.90644E-07	1.1E-07	2.6E-10	1.7E-09	9.7E-11	1.8E-09
358	557169.4, 3777493.38	0.000151496	3.66317E-07	1.0E-07	2.4E-10	1.6E-09	9.1E-11	1.7E-09
359	557189.4, 3777493.38	0.000142067	3.43595E-07	9.4E-08	2.3E-10	1.5E-09	8.6E-11	1.6E-09
360	557209.4, 3777493.38	0.000133291	3.23656E-07	8.8E-08	2.1E-10	1.4E-09	8.1E-11	1.5E-09
361	557229.4, 3777493.38	0.000125076	3.04758E-07	8.3E-08	2.0E-10	1.3E-09	7.6E-11	1.4E-09
362	557249.4, 3777493.38	0.000117403	2.87663E-07	7.8E-08	1.9E-10	1.2E-09	7.2E-11	1.3E-09
363	557269.4, 3777493.38	0.000110241	2.72048E-07	7.3E-08	1.8E-10	1.1E-09	6.8E-11	1.2E-09
364	557289.4, 3777493.38	0.000103571	2.57526E-07	6.9E-08	1.7E-10	1.1E-09	6.4E-11	1.1E-09
365	557309.4, 3777493.38	9.73622E-05	2.43999E-07	6.4E-08	1.6E-10	1.0E-09	6.1E-11	1.1E-09
366	557329.4, 3777493.38	9.1625E-05	2.31684E-07	6.1E-08	1.5E-10	9.5E-10	5.8E-11	1.0E-09
367	557349.4, 3777493.38	8.6309E-05	2.20313E-07	5.7E-08	1.5E-10	9.0E-10	5.5E-11	9.5E-10
368	557369.4, 3777493.38	8.13942E-05	2.09649E-07	5.4E-08	1.4E-10	8.5E-10	5.2E-11	9.0E-10
369	557389.4, 3777493.38	7.68606E-05	1.99862E-07	5.1E-08	1.3E-10	8.0E-10	5.0E-11	8.5E-10
370	557409.4, 3777493.38	7.2678E-05	1.90691E-07	4.8E-08	1.3E-10	7.6E-10	4.8E-11	8.0E-10
371	557429.4, 3777493.38	6.87963E-05	1.81621E-07	4.6E-08	1.2E-10	7.2E-10	4.5E-11	7.6E-10
372	557449.4, 3777493.38	6.52256E-05	1.73746E-07	4.3E-08	1.1E-10	6.8E-10	4.3E-11	7.2E-10
373	557469.4, 3777493.38	6.19357E-05	1.66449E-07	4.1E-08	1.1E-10	6.4E-10	4.2E-11	6.9E-10
374	557489.4, 3777493.38	5.88766E-05	1.59323E-07	3.9E-08	1.1E-10	6.1E-10	4.0E-11	6.5E-10
375	556509.4, 3777513.38	0.000280489	5.69408E-07	1.9E-07	3.8E-10	2.9E-09	1.4E-10	3.1E-09
376	556529.4, 3777513.38	0.000287019	5.90589E-07	1.9E-07	3.9E-10	3.0E-09	1.5E-10	3.1E-09
377	556549.4, 3777513.38	0.000293259	6.11017E-07	1.9E-07	4.0E-10	3.0E-09	1.5E-10	3.2E-09
378	556569.4, 3777513.38	0.000298746	6.32779E-07	2.0E-07	4.2E-10	3.1E-09	1.6E-10	3.3E-09
379	556589.4, 3777513.38	0.00030354	6.52618E-07	2.0E-07	4.3E-10	3.2E-09	1.6E-10	3.3E-09
380	556609.4, 3777513.38	0.000307302	6.71096E-07	2.0E-07	4.4E-10	3.2E-09	1.7E-10	3.4E-09
381	556629.4, 3777513.38	0.00030973	6.9008E-07	2.0E-07	4.6E-10	3.2E-09	1.7E-10	3.4E-09
382	556649.4, 3777513.38	0.000311155	7.06729E-07	2.1E-07	4.7E-10	3.2E-09	1.8E-10	3.4E-09
383	556669.4, 3777513.38	0.000311808	7.21694E-07	2.1E-07	4.8E-10	3.2E-09	1.8E-10	3.4E-09
384	556689.4, 3777513.38	0.000312159	7.33944E-07	2.1E-07	4.9E-10	3.2E-09	1.8E-10	3.4E-09
385	556709.4, 3777513.38	0.00031249	7.44945E-07	2.1E-07	4.9E-10	3.2E-09	1.9E-10	3.4E-09
386	556729.4, 3777513.38	0.000313102	7.53961E-07	2.1E-07	5.0E-10	3.3E-09	1.9E-10	3.4E-09
387	556749.4, 3777513.38	0.000314296	7.58205E-07	2.1E-07	5.0E-10	3.3E-09	1.9E-10	3.5E-09
388	556769.4, 3777513.38	0.000315579	7.60677E-07	2.1E-07	5.0E-10	3.3E-09	1.9E-10	3.5E-09
389	556789.4, 3777513.38	0.000316833	7.58936E-07	2.1E-07	5.0E-10	3.3E-09	1.9E-10	3.5E-09
390	556809.4, 3777513.38	0.000317494	7.53514E-07	2.1E-07	5.0E-10	3.3E-09	1.9E-10	3.5E-09
391	556829.4, 3777513.38	0.000316922	7.47486E-07	2.1E-07	4.9E-10	3.3E-09	1.9E-10	3.5E-09
392	556849.4, 3777513.38	0.000314714	7.38269E-07	2.1E-07	4.9E-10	3.3E-09	1.8E-10	3.5E-09
393	556869.4, 3777513.38	0.000310461	7.27419E-07	2.1E-07	4.8E-10	3.2E-09	1.8E-10	3.4E-09
394	556889.4, 3777513.38	0.000304061	7.12873E-07	2.0E-07	4.7E-10	3.2E-09	1.8E-10	3.3E-09
395	556909.4, 3777513.38	0.000295635	6.94301E-07	2.0E-07	4.6E-10	3.1E-09	1.7E-10	3.2E-09
396	556929.4, 3777513.38	0.000285434	6.73287E-07	1.9E-07	4.5E-10	3.0E-09	1.7E-10	3.1E-09
397	556949.4, 3777513.38	0.000273829	6.48514E-07	1.8E-07	4.3E-10	2.8E-09	1.6E-10	3.0E-09
398	556969.4, 3777513.38	0.00026113	6.20137E-07	1.7E-07	4.1E-10	2.7E-09	1.5E-10	2.9E-09
399	556989.4, 3777513.38	0.000247679	5.90093E-07	1.6E-07	3.9E-10	2.6E-09	1.5E-10	2.7E-09
400	557009.4, 3777513.38	0.000233847	5.59814E-07	1.5E-07	3.7E-10	2.4E-09	1.4E-10	2.6E-09
401	557029.4, 3777513.38	0.000219964	5.2855E-07	1.5E-07	3.5E-10	2.3E-09	1.3E-10	2.4E-09
402	557049.4, 3777513.38	0.000206433	4.98318E-07	1.4E-07	3.3E-10	2.1E-09	1.2E-10	2.3E-09
403	557069.4, 3777513.38	0.000193494	4.68762E-07	1.3E-07	3.1E-10	2.0E-09	1.2E-10	2.1E-09
404	557089.4, 3777513.38	0.000181377	4.40875E-07	1.2E-07	2.9E-10	1.9E-09	1.1E-10	2.0E-09
405	557109.4, 3777513.38	0.000170133	4.14989E-07	1.1E-07	2.7E-10	1.8E-09	1.0E-10	1.9E-09
406	557129.4, 3777513.38	0.000159761	3.90549E-07	1.1E-07	2.6E-10	1.7E-09	9.7E-11	1.8E-09
407	557149.4, 3777513.38	0.000150192	3.67899E-07	9.9E-08	2.4E-10	1.6E-09	9.2E-11	1.7E-09
408	557169.4, 3777513.38	0.000141325	3.46452E-07	9.4E-08	2.3E-10	1.5E-09	8.6E-11	1.6E-09
409	557189.4, 3777513.38	0.00013306	3.26106E-07	8.8E-08	2.2E-10	1.4E-09	8.1E-11	1.5E-09
410	557209.4, 3777513.38	0.000125357	3.08171E-07	8.3E-08	2.0E-10	1.3E-09	7.7E-11	1.4E-09
411	557229.4, 3777513.38	0.000118105	2.90745E-07	7.8E-08	1.9E-10	1.2E-09	7.3E-11	1.3E-09
412	557249.4, 3777513.38	0.000111314	2.75425E-07	7.4E-08	1.8E-10	1.2E-09	6.9E-11	1.2E-09
413	557269.4, 3777513.38	0.000104905	2.60857E-07	6.9E-08	1.7E-10	1.1E-09	6.5E-11	1.2E-09
414	557289.4, 3777513.38	9.88969E-05	2.47356E-07	6.5E-08	1.6E-10	1.0E-09	6.2E-11	1.1E-09
415	557309.4, 3777513.38	9.327E-05	2.35108E-07	6.2E-08	1.6E-10	9.7E-10	5.9E-11	1.0E-09
416	557329.4, 3777513.38	8.80142E-05	2.23668E-07	5.8E-08	1.5E-10	9.2E-10	5.6E-11	9.7E-10
417	557349.4, 3777513.38	8.31094E-05	2.12942E-07	5.5E-08	1.4E-10	8.6E-10	5.3E-11	9.2E-10
418	557369.4, 3777513.38	7.85457E-05	2.02902E-07	5.2E-08	1.3E-10	8.2E-10	5.1E-11	8.7E-10
419	557389.4, 3777513.38	7.4323E-05	1.93734E-07	4.9E-08	1.3E-10	7.7E-10	4.8E-11	8.2E-10
420	557409.4, 3777513.38	7.04012E-05	1.85205E-07	4.7E-08	1.2E-10	7.3E-10	4.6E-11	7.8E-10
421	557429.4, 3777513.38	6.67502E-05	1.76901E-07	4.4E-08	1.2E-10	6.9E-10	4.4E-11	7.4E-10
422	557449.4, 3777513.38	6.33801E-05	1.69253E-07	4.2E-08	1.1E-10	6.6E-10	4.2E-11	7.0E-10
423	557469.4, 3777513.38	6.02507E-05	1.62174E-07	4.0E-08	1.1E-10	6.3E-10	4.0E-11	6.7E-10
424	557489.4, 3777513.38	5.7352E-05	1.55552E-07	3.8E-08	1.0E-10	6.0E-10	3.9E-11	6.4E-10
425	556509.4, 3777533.38	0.000252123	5.28964E-07	1.7E-07	3.5E-10	2.6E-09	1.3E-10	2.8E-09
426	556529.4, 3777533.38	0.000257299	5.46816E-07	1.7E-07	3.6E-10	2.7E-09	1.4E-10	2.8E-09

427	556549.4, 3777533.38	0.000262104	5.63896E-07	1.7E-07	3.7E-10	2.7E-09	1.4E-10	2.9E-09
428	556569.4, 3777533.38	0.000266287	5.80551E-07	1.8E-07	3.8E-10	2.8E-09	1.4E-10	2.9E-09
429	556589.4, 3777533.38	0.000269648	5.96473E-07	1.8E-07	3.9E-10	2.8E-09	1.5E-10	3.0E-09
430	556609.4, 3777533.38	0.000272045	6.11785E-07	1.8E-07	4.0E-10	2.8E-09	1.5E-10	3.0E-09
431	556629.4, 3777533.38	0.00027349	6.26166E-07	1.8E-07	4.1E-10	2.8E-09	1.6E-10	3.0E-09
432	556649.4, 3777533.38	0.000274193	6.39089E-07	1.8E-07	4.2E-10	2.9E-09	1.6E-10	3.0E-09
433	556669.4, 3777533.38	0.000274514	6.49686E-07	1.8E-07	4.3E-10	2.9E-09	1.6E-10	3.0E-09
434	556689.4, 3777533.38	0.000274685	6.59324E-07	1.8E-07	4.4E-10	2.9E-09	1.6E-10	3.0E-09
435	556709.4, 3777533.38	0.000274976	6.6784E-07	1.8E-07	4.4E-10	2.9E-09	1.7E-10	3.0E-09
436	556729.4, 3777533.38	0.000275638	6.7387E-07	1.8E-07	4.5E-10	2.9E-09	1.7E-10	3.0E-09
437	556749.4, 3777533.38	0.000276701	6.76587E-07	1.8E-07	4.5E-10	2.9E-09	1.7E-10	3.0E-09
438	556769.4, 3777533.38	0.000277884	6.77156E-07	1.8E-07	4.5E-10	2.9E-09	1.7E-10	3.1E-09
439	556789.4, 3777533.38	0.000278907	6.75471E-07	1.8E-07	4.5E-10	2.9E-09	1.7E-10	3.1E-09
440	556809.4, 3777533.38	0.000279468	6.70315E-07	1.8E-07	4.4E-10	2.9E-09	1.7E-10	3.1E-09
441	556829.4, 3777533.38	0.000279006	6.65143E-07	1.8E-07	4.4E-10	2.9E-09	1.7E-10	3.1E-09
442	556849.4, 3777533.38	0.00027727	6.56587E-07	1.8E-07	4.3E-10	2.9E-09	1.6E-10	3.0E-09
443	556869.4, 3777533.38	0.000273879	6.47257E-07	1.8E-07	4.3E-10	2.8E-09	1.6E-10	3.0E-09
444	556889.4, 3777533.38	0.000268773	6.35794E-07	1.8E-07	4.2E-10	2.8E-09	1.6E-10	3.0E-09
445	556909.4, 3777533.38	0.000262053	6.20938E-07	1.7E-07	4.1E-10	2.7E-09	1.5E-10	2.9E-09
446	556929.4, 3777533.38	0.000253908	6.03379E-07	1.7E-07	4.0E-10	2.6E-09	1.5E-10	2.8E-09
447	556949.4, 3777533.38	0.000244589	5.83093E-07	1.6E-07	3.9E-10	2.5E-09	1.5E-10	2.7E-09
448	556969.4, 3777533.38	0.000234328	5.59852E-07	1.6E-07	3.7E-10	2.4E-09	1.4E-10	2.6E-09
449	556989.4, 3777533.38	0.000223365	5.35388E-07	1.5E-07	3.5E-10	2.3E-09	1.3E-10	2.5E-09
450	557009.4, 3777533.38	0.00021196	5.10432E-07	1.4E-07	3.4E-10	2.2E-09	1.3E-10	2.3E-09
451	557029.4, 3777533.38	0.000200365	4.84632E-07	1.3E-07	3.2E-10	2.1E-09	1.2E-10	2.2E-09
452	557049.4, 3777533.38	0.00018887	4.59251E-07	1.2E-07	3.0E-10	2.0E-09	1.1E-10	2.1E-09
453	557069.4, 3777533.38	0.000177746	4.34398E-07	1.2E-07	2.9E-10	1.8E-09	1.1E-10	2.0E-09
454	557089.4, 3777533.38	0.000167194	4.1043E-07	1.1E-07	2.7E-10	1.7E-09	1.0E-10	1.8E-09
455	557109.4, 3777533.38	0.000157324	3.87823E-07	1.0E-07	2.6E-10	1.6E-09	9.7E-11	1.7E-09
456	557129.4, 3777533.38	0.000148186	3.66801E-07	9.8E-08	2.4E-10	1.5E-09	9.2E-11	1.6E-09
457	557149.4, 3777533.38	0.000139731	3.46933E-07	9.2E-08	2.3E-10	1.5E-09	8.7E-11	1.5E-09
458	557169.4, 3777533.38	0.000131907	3.27593E-07	8.7E-08	2.2E-10	1.4E-09	8.2E-11	1.5E-09
459	557189.4, 3777533.38	0.000124625	3.0955E-07	8.2E-08	2.0E-10	1.3E-09	7.7E-11	1.4E-09
460	557209.4, 3777533.38	0.000117834	2.93426E-07	7.8E-08	1.9E-10	1.2E-09	7.3E-11	1.3E-09
461	557229.4, 3777533.38	0.000111425	2.77335E-07	7.4E-08	1.8E-10	1.2E-09	6.9E-11	1.2E-09
462	557249.4, 3777533.38	0.000105407	2.63378E-07	7.0E-08	1.7E-10	1.1E-09	6.6E-11	1.2E-09
463	557269.4, 3777533.38	9.97095E-05	2.49961E-07	6.6E-08	1.7E-10	1.0E-09	6.2E-11	1.1E-09
464	557289.4, 3777533.38	9.43232E-05	2.37678E-07	6.2E-08	1.6E-10	9.8E-10	5.9E-11	1.0E-09
465	557309.4, 3777533.38	8.92479E-05	2.26268E-07	5.9E-08	1.5E-10	9.3E-10	5.6E-11	9.8E-10
466	557329.4, 3777533.38	8.44635E-05	2.15639E-07	5.6E-08	1.4E-10	8.8E-10	5.4E-11	9.3E-10
467	557349.4, 3777533.38	7.997E-05	2.05752E-07	5.3E-08	1.4E-10	8.3E-10	5.1E-11	8.8E-10
468	557369.4, 3777533.38	7.57573E-05	1.96375E-07	5.0E-08	1.3E-10	7.9E-10	4.9E-11	8.4E-10
469	557389.4, 3777533.38	7.18155E-05	1.87474E-07	4.8E-08	1.2E-10	7.5E-10	4.7E-11	7.9E-10
470	557409.4, 3777533.38	6.81545E-05	1.79577E-07	4.5E-08	1.2E-10	7.1E-10	4.5E-11	7.5E-10
471	557429.4, 3777533.38	6.47342E-05	1.71934E-07	4.3E-08	1.1E-10	6.7E-10	4.3E-11	7.2E-10
472	557449.4, 3777533.38	6.15647E-05	1.64844E-07	4.1E-08	1.1E-10	6.4E-10	4.1E-11	6.8E-10
473	557469.4, 3777533.38	5.85958E-05	1.57952E-07	3.9E-08	1.0E-10	6.1E-10	3.9E-11	6.5E-10
474	557489.4, 3777533.38	5.58375E-05	1.51542E-07	3.7E-08	1.0E-10	5.8E-10	3.8E-11	6.2E-10
475	556509.4, 3777553.38	0.000227489	4.9215E-07	1.5E-07	3.3E-10	2.4E-09	1.2E-10	2.5E-09
476	556529.4, 3777553.38	0.000231601	5.0683E-07	1.5E-07	3.4E-10	2.4E-09	1.3E-10	2.5E-09
477	556549.4, 3777553.38	0.000235283	5.20666E-07	1.6E-07	3.4E-10	2.4E-09	1.3E-10	2.6E-09
478	556569.4, 3777553.38	0.000238302	5.34417E-07	1.6E-07	3.5E-10	2.5E-09	1.3E-10	2.6E-09
479	556589.4, 3777553.38	0.000240559	5.47499E-07	1.6E-07	3.6E-10	2.5E-09	1.4E-10	2.6E-09
480	556609.4, 3777553.38	0.000242074	5.5922E-07	1.6E-07	3.7E-10	2.5E-09	1.4E-10	2.7E-09
481	556629.4, 3777553.38	0.000242857	5.70357E-07	1.6E-07	3.8E-10	2.5E-09	1.4E-10	2.7E-09
482	556649.4, 3777553.38	0.000243148	5.80383E-07	1.6E-07	3.8E-10	2.5E-09	1.4E-10	2.7E-09
483	556669.4, 3777553.38	0.000243319	5.87804E-07	1.6E-07	3.9E-10	2.5E-09	1.5E-10	2.7E-09
484	556689.4, 3777553.38	0.000243469	5.94857E-07	1.6E-07	3.9E-10	2.5E-09	1.5E-10	2.7E-09
485	556709.4, 3777553.38	0.0002438	6.01307E-07	1.6E-07	4.0E-10	2.5E-09	1.5E-10	2.7E-09
486	556729.4, 3777553.38	0.000244472	6.05442E-07	1.6E-07	4.0E-10	2.5E-09	1.5E-10	2.7E-09
487	556749.4, 3777553.38	0.000245495	6.06252E-07	1.6E-07	4.0E-10	2.6E-09	1.5E-10	2.7E-09
488	556769.4, 3777553.38	0.000246518	6.06218E-07	1.6E-07	4.0E-10	2.6E-09	1.5E-10	2.7E-09
489	556789.4, 3777553.38	0.00024735	6.04879E-07	1.6E-07	4.0E-10	2.6E-09	1.5E-10	2.7E-09
490	556809.4, 3777553.38	0.000247791	6.00772E-07	1.6E-07	4.0E-10	2.6E-09	1.5E-10	2.7E-09
491	556829.4, 3777553.38	0.000247429	5.95916E-07	1.6E-07	3.9E-10	2.6E-09	1.5E-10	2.7E-09
492	556849.4, 3777553.38	0.000246005	5.88912E-07	1.6E-07	3.9E-10	2.6E-09	1.5E-10	2.7E-09
493	556869.4, 3777553.38	0.000243276	5.81E-07	1.6E-07	3.8E-10	2.5E-09	1.4E-10	2.7E-09
494	556889.4, 3777553.38	0.000239163	5.7144E-07	1.6E-07	3.8E-10	2.5E-09	1.4E-10	2.6E-09
495	556909.4, 3777553.38	0.000233727	5.59547E-07	1.5E-07	3.7E-10	2.4E-09	1.4E-10	2.6E-09
496	556929.4, 3777553.38	0.000227136	5.45619E-07	1.5E-07	3.6E-10	2.4E-09	1.4E-10	2.5E-09
497	556949.4, 3777553.38	0.000219583	5.27427E-07	1.5E-07	3.5E-10	2.3E-09	1.3E-10	2.4E-09
498	556969.4, 3777553.38	0.000211228	5.08594E-07	1.4E-07	3.4E-10	2.2E-09	1.3E-10	2.3E-09
499	556989.4, 3777553.38	0.000202221	4.87783E-07	1.3E-07	3.2E-10	2.1E-09	1.2E-10	2.2E-09
500	557009.4, 3777553.38	0.000192782	4.67038E-07	1.3E-07	3.1E-10	2.0E-09	1.2E-10	2.1E-09
501	557029.4, 3777553.38	0.000183052	4.45321E-07	1.2E-07	2.9E-10	1.9E-09	1.1E-10	2.0E-09
502	557049.4, 3777553.38	0.000173303	4.24141E-07	1.1E-07	2.8E-10	1.8E-09	1.1E-10	1.9E-09
503	557069.4, 3777553.38	0.000163724	4.03119E-07	1.1E-07	2.7E-10	1.7E-09	1.0E-10	1.8E-09
504	557089.4, 3777553.38	0.000154516	3.82489E-07	1.0E-07	2.5E-10	1.6E-09	9.5E-11	1.7E-09
505	557109.4, 3777553.38	0.000145819	3.62594E-07	9.6E-08	2.4E-10	1.5E-09	9.0E-11	1.6E-09
506	557129.4, 3777553.38	0.000137715	3.442E-07	9.1E-08	2.3E-10	1.4E-09	8.6E-11	1.5E-09
507	557149.4, 3777553.38	0.000130202	3.26744E-07	8.6E-08	2.2E-10	1.4E-09	8.2E-11	1.4E-09
508	557169.4, 3777553.38	0.000123231	3.09851E-07	8.2E-08	2.1E-10	1.3E-09	7.7E-11	1.4E-09
509	557189.4, 3777553.38	0.000116771	2.9387E-07	7.7E-08	1.9E-10	1.2E-09	7.3E-11	1.3E-09
510	557209.4, 3777553.38	0.000110743	2.78933E-07	7.3E-08	1.8E-10	1.2E-09	7.0E-11	1.2E-09
511	557229.4, 3777553.38	0.000105066	2.6471E-07	7.0E-08	1.8E-10	1.1E-09	6.6E-11	1.2E-09
512	557249.4, 3777553.38	9.97197E-05	2.51535E-07	6.6E-08	1.7E-10	1.0E-09	6.3E-11	1.1E-09
513	557269.4, 3777553.38	9.46543E-05	2.39395E-07	6.3E-08	1.6E-10	9.8E-10	6.0E-11	1.0E-09

514	557289.4, 3777553.38	8.98498E-05	2.28135E-07	5.9E-08	1.5E-10	9.3E-10	5.7E-11	9.9E-10
515	557309.4, 3777553.38	8.52861E-05	2.1758E-07	5.6E-08	1.4E-10	8.9E-10	5.4E-11	9.4E-10
516	557329.4, 3777553.38	8.0963E-05	2.0771E-07	5.4E-08	1.4E-10	8.4E-10	5.2E-11	8.9E-10
517	557349.4, 3777553.38	7.68707E-05	1.98587E-07	5.1E-08	1.3E-10	8.0E-10	5.0E-11	8.5E-10
518	557369.4, 3777553.38	7.30091E-05	1.89973E-07	4.8E-08	1.3E-10	7.6E-10	4.7E-11	8.1E-10
519	557389.4, 3777553.38	6.93581E-05	1.81642E-07	4.6E-08	1.2E-10	7.2E-10	4.5E-11	7.7E-10
520	557409.4, 3777553.38	6.59479E-05	1.74077E-07	4.4E-08	1.2E-10	6.9E-10	4.3E-11	7.3E-10
521	557429.4, 3777553.38	6.27482E-05	1.66911E-07	4.2E-08	1.1E-10	6.5E-10	4.2E-11	6.9E-10
522	557449.4, 3777553.38	5.97693E-05	1.60243E-07	4.0E-08	1.1E-10	6.2E-10	4.0E-11	6.6E-10
523	557469.4, 3777553.38	5.69709E-05	1.53853E-07	3.8E-08	1.0E-10	5.9E-10	3.8E-11	6.3E-10
524	557489.4, 3777553.38	5.4353E-05	1.47621E-07	3.6E-08	9.8E-11	5.7E-10	3.7E-11	6.0E-10
525	557438.91, 3777336.71	8.2136E-05	2.08169E-07	5.4E-08	1.4E-10	8.5E-10	5.2E-11	9.1E-10
526	556615.91, 3777136.99	0.000969984	3.97775E-06	6.4E-07	2.6E-09	1.0E-08	9.9E-10	1.1E-08
527	556586.37, 3777056.16	0.000465247	1.29154E-06	3.1E-07	8.5E-10	4.8E-09	3.2E-10	5.2E-09
528	556672.35, 3776929.14	0.00040988	8.8245E-07	2.7E-07	5.8E-10	4.3E-09	2.2E-10	4.5E-09
529	556692.35, 3776929.14	0.000457854	9.524E-07	3.0E-07	6.3E-10	4.8E-09	2.4E-10	5.0E-09
530	556712.35, 3776929.14	0.000513469	1.02556E-06	3.4E-07	6.8E-10	5.3E-09	2.6E-10	5.6E-09
531	556732.35, 3776929.14	0.000573146	1.09361E-06	3.8E-07	7.2E-10	6.0E-09	2.7E-10	6.2E-09
532	556752.35, 3776929.14	0.000640375	1.15999E-06	4.2E-07	7.7E-10	6.7E-09	2.9E-10	6.9E-09
533	556772.35, 3776929.14	0.0007001	1.20451E-06	4.6E-07	8.0E-10	7.3E-09	3.0E-10	7.6E-09
534	556792.35, 3776929.14	0.000760035	1.23676E-06	5.0E-07	8.2E-10	7.9E-09	3.1E-10	8.2E-09
535	556812.35, 3776929.14	0.000827532	1.27605E-06	5.5E-07	8.4E-10	8.6E-09	3.2E-10	8.9E-09
536	556832.35, 3776929.14	0.000883153	1.29759E-06	5.8E-07	8.6E-10	9.2E-09	3.2E-10	9.5E-09
537	556852.35, 3776929.14	0.000950157	1.32743E-06	6.3E-07	8.8E-10	9.9E-09	3.3E-10	1.0E-08
538	556672.35, 3776949.14	0.000457397	9.95213E-07	3.0E-07	6.6E-10	4.8E-09	2.5E-10	5.0E-09
539	556692.35, 3776949.14	0.000515009	1.08028E-06	3.4E-07	7.1E-10	5.4E-09	2.7E-10	5.6E-09
540	556712.35, 3776949.14	0.000581577	1.16538E-06	3.8E-07	7.7E-10	6.0E-09	2.9E-10	6.3E-09
541	556732.35, 3776949.14	0.000655857	1.24277E-06	4.3E-07	8.2E-10	6.8E-09	3.1E-10	7.1E-09
542	556752.35, 3776949.14	0.00073494	1.3063E-06	4.9E-07	8.6E-10	7.6E-09	3.3E-10	8.0E-09
543	556772.35, 3776949.14	0.000819086	1.35754E-06	5.4E-07	9.0E-10	8.5E-09	3.4E-10	8.9E-09
544	556792.35, 3776949.14	0.000907665	1.40402E-06	6.0E-07	9.3E-10	9.4E-09	3.5E-10	9.8E-09
545	556812.35, 3776949.14	0.000993996	1.43944E-06	6.6E-07	9.5E-10	1.0E-08	3.6E-10	1.1E-08
546	556832.35, 3776949.14	0.001067478	1.46206E-06	7.1E-07	9.7E-10	1.1E-08	3.6E-10	1.1E-08
547	556852.35, 3776949.14	0.001155503	1.49544E-06	7.6E-07	9.9E-10	1.2E-08	3.7E-10	1.2E-08
548	556672.35, 3776969.14	0.000513249	1.13322E-06	3.4E-07	7.5E-10	5.3E-09	2.8E-10	5.6E-09
549	556692.35, 3776969.14	0.000582737	1.23773E-06	3.9E-07	8.2E-10	6.1E-09	3.1E-10	6.4E-09
550	556712.35, 3776969.14	0.000665373	1.33992E-06	4.4E-07	8.9E-10	6.9E-09	3.3E-10	7.3E-09
551	556732.35, 3776969.14	0.000759923	1.42854E-06	5.0E-07	9.5E-10	7.9E-09	3.6E-10	8.3E-09
552	556752.35, 3776969.14	0.000863276	1.49698E-06	5.7E-07	9.9E-10	9.0E-09	3.7E-10	9.3E-09
553	556772.35, 3776969.14	0.000974351	1.54837E-06	6.4E-07	1.0E-09	1.0E-08	3.9E-10	1.1E-08
554	556792.35, 3776969.14	0.001093267	1.59604E-06	7.2E-07	1.1E-09	1.1E-08	4.0E-10	1.2E-08
555	556812.35, 3776969.14	0.001207398	1.63251E-06	8.0E-07	1.1E-09	1.3E-08	4.1E-10	1.3E-08
556	556832.35, 3776969.14	0.001316594	1.6638E-06	8.7E-07	1.1E-09	1.4E-08	4.2E-10	1.4E-08
557	556852.35, 3776969.14	0.001433772	1.70267E-06	9.5E-07	1.1E-09	1.5E-08	4.2E-10	1.5E-08
558	556672.35, 3776989.14	0.000579285	1.30515E-06	3.8E-07	8.6E-10	6.0E-09	3.3E-10	6.3E-09
559	556692.35, 3776989.14	0.000663698	1.43484E-06	4.4E-07	9.5E-10	6.9E-09	3.6E-10	7.3E-09
560	556712.35, 3776989.14	0.000766754	1.55742E-06	5.1E-07	1.0E-09	8.0E-09	3.9E-10	8.4E-09
561	556732.35, 3776989.14	0.000887861	1.65731E-06	5.9E-07	1.1E-09	9.2E-09	4.1E-10	9.6E-09
562	556752.35, 3776989.14	0.001025304	1.72947E-06	6.8E-07	1.1E-09	1.1E-08	4.3E-10	1.1E-08
563	556772.35, 3776989.14	0.001175511	1.77968E-06	7.8E-07	1.2E-09	1.2E-08	4.4E-10	1.3E-08
564	556792.35, 3776989.14	0.00134016	1.82466E-06	8.9E-07	1.2E-09	1.4E-08	4.6E-10	1.4E-08
565	556812.35, 3776989.14	0.001496874	1.86499E-06	9.9E-07	1.2E-09	1.6E-08	4.7E-10	1.6E-08
566	556832.35, 3776989.14	0.001654048	1.9121E-06	1.1E-06	1.3E-09	1.7E-08	4.8E-10	1.8E-08
567	556852.35, 3776989.14	0.0018206	1.96409E-06	1.2E-06	1.3E-09	1.9E-08	4.9E-10	1.9E-08
568	556672.35, 3777009.14	0.000656397	1.52251E-06	4.3E-07	1.0E-09	6.8E-09	3.8E-10	7.2E-09
569	556692.35, 3777009.14	0.000761172	1.68667E-06	5.0E-07	1.1E-09	7.9E-09	4.2E-10	8.3E-09
570	556712.35, 3777009.14	0.000891108	1.8331E-06	5.9E-07	1.2E-09	9.3E-09	4.6E-10	9.7E-09
571	556732.35, 3777009.14	0.001047608	1.94245E-06	6.9E-07	1.3E-09	1.1E-08	4.8E-10	1.1E-08
572	556752.35, 3777009.14	0.001232598	2.01513E-06	8.2E-07	1.3E-09	1.3E-08	5.0E-10	1.3E-08
573	556772.35, 3777009.14	0.001441525	2.06349E-06	9.5E-07	1.4E-09	1.5E-08	5.1E-10	1.6E-08
574	556792.35, 3777009.14	0.001673137	2.11102E-06	1.1E-06	1.4E-09	1.7E-08	5.3E-10	1.8E-08
575	556812.35, 3777009.14	0.001900756	2.16324E-06	1.3E-06	1.4E-09	2.0E-08	5.4E-10	2.0E-08
576	556832.35, 3777009.14	0.002130591	2.22901E-06	1.4E-06	1.5E-09	2.2E-08	5.6E-10	2.3E-08
577	556852.35, 3777009.14	0.002373384	2.30263E-06	1.6E-06	1.5E-09	2.5E-08	5.7E-10	2.5E-08
578	556672.35, 3777029.14	0.000749454	1.80952E-06	5.0E-07	1.2E-09	7.8E-09	4.5E-10	8.2E-09
579	556692.35, 3777029.14	0.000879695	2.01702E-06	5.8E-07	1.3E-09	9.1E-09	5.0E-10	9.6E-09
580	556712.35, 3777029.14	0.00104661	2.18978E-06	6.9E-07	1.4E-09	1.1E-08	5.5E-10	1.1E-08
581	556732.35, 3777029.14	0.001250446	2.30207E-06	8.3E-07	1.5E-09	1.3E-08	5.7E-10	1.4E-08
582	556752.35, 3777029.14	0.001503151	2.36985E-06	9.9E-07	1.6E-09	1.6E-08	5.9E-10	1.6E-08
583	556772.35, 3777029.14	0.001801747	2.41697E-06	1.2E-06	1.6E-09	1.9E-08	6.0E-10	1.9E-08
584	556792.35, 3777029.14	0.002139496	2.47395E-06	1.4E-06	1.6E-09	2.2E-08	6.2E-10	2.3E-08
585	556812.35, 3777029.14	0.002486251	2.5525E-06	1.6E-06	1.7E-09	2.6E-08	6.4E-10	2.6E-08
586	556832.35, 3777029.14	0.002844288	2.65662E-06	1.9E-06	1.8E-09	3.0E-08	6.6E-10	3.0E-08
587	556852.35, 3777029.14	0.003188455	2.7549E-06	2.1E-06	1.8E-09	3.3E-08	6.9E-10	3.4E-08
588	556672.35, 3777049.14	0.000862491	2.20427E-06	5.7E-07	1.5E-09	9.0E-09	5.5E-10	9.5E-09
589	556692.35, 3777049.14	0.001027005	2.46714E-06	6.8E-07	1.6E-09	1.1E-08	6.2E-10	1.1E-08
590	556712.35, 3777049.14	0.001242612	2.65933E-06	8.2E-07	1.8E-09	1.3E-08	6.6E-10	1.4E-08
591	556732.35, 3777049.14	0.001514925	2.76218E-06	1.0E-06	1.8E-09	1.6E-08	6.9E-10	1.6E-08
592	556752.35, 3777049.14	0.001867186	2.81754E-06	1.2E-06	1.9E-09	1.9E-08	7.0E-10	2.0E-08
593	556772.35, 3777049.14	0.002306217	2.86865E-06	1.5E-06	1.9E-09	2.4E-08	7.2E-10	2.5E-08
594	556792.35, 3777049.14	0.002818642	2.95093E-06	1.9E-06	2.0E-09	2.9E-08	7.4E-10	3.0E-08
595	556812.35, 3777049.14	0.003382456	3.08871E-06	2.2E-06	2.0E-09	3.5E-08	7.7E-10	3.6E-08
596	556832.35, 3777049.14	0.003953743	3.25679E-06	2.6E-06	2.2E-09	4.1E-08	8.1E-10	4.2E-08
597	556852.35, 3777049.14	0.004441797	3.38569E-06	2.9E-06	2.2E-09	4.6E-08	8.4E-10	4.7E-08
598	556927.54, 3776959.53	0.001558482	1.63486E-06	1.0E-06	1.1E-09	1.6E-08	4.1E-10	1.7E-08
599	556947.54, 3776959.53	0.001463412	1.55273E-06	9.7E-07	1.0E-09	1.5E-08	3.9E-10	1.6E-08
600	556967.54, 3776959.53	0.001302851	1.44865E-06	8.6E-07	9.6E-10	1.4E-08	3.6E-10	1.4E-08

601	556987.54, 3776959.53	0.001117527	1.33372E-06	7.4E-07	8.8E-10	1.2E-08	3.3E-10	1.2E-08
602	557007.54, 3776959.53	0.000940598	1.21041E-06	6.2E-07	8.0E-10	9.8E-09	3.0E-10	1.0E-08
603	557027.54, 3776959.53	0.000790407	1.08886E-06	5.2E-07	7.2E-10	8.2E-09	2.7E-10	8.5E-09
604	557047.54, 3776959.53	0.000670002	9.74317E-07	4.4E-07	6.4E-10	7.0E-09	2.4E-10	7.2E-09
605	557067.54, 3776959.53	0.000573999	8.69671E-07	3.8E-07	5.8E-10	6.0E-09	2.2E-10	6.2E-09
606	557087.54, 3776959.53	0.000495797	7.75966E-07	3.3E-07	5.1E-10	5.2E-09	1.9E-10	5.3E-09
607	556927.54, 3776979.53	0.001842828	1.83038E-06	1.2E-06	1.2E-09	1.9E-08	4.6E-10	2.0E-08
608	556947.54, 3776979.53	0.001665176	1.71654E-06	1.1E-06	1.1E-09	1.7E-08	4.3E-10	1.8E-08
609	556967.54, 3776979.53	0.001429335	1.57434E-06	9.5E-07	1.0E-09	1.5E-08	3.9E-10	1.5E-08
610	556987.54, 3776979.53	0.001191537	1.42966E-06	7.9E-07	9.5E-10	1.2E-08	3.6E-10	1.3E-08
611	557007.54, 3776979.53	0.000986606	1.28155E-06	6.5E-07	8.5E-10	1.0E-08	3.2E-10	1.1E-08
612	557027.54, 3776979.53	0.000822684	1.14128E-06	5.4E-07	7.6E-10	8.6E-09	2.8E-10	8.8E-09
613	557047.54, 3776979.53	0.000694546	1.01309E-06	4.6E-07	6.7E-10	7.2E-09	2.5E-10	7.5E-09
614	557067.54, 3776979.53	0.000592795	8.98958E-07	3.9E-07	5.9E-10	6.2E-09	2.2E-10	6.4E-09
615	557087.54, 3776979.53	0.000509489	7.9843E-07	3.4E-07	5.3E-10	5.3E-09	2.0E-10	5.5E-09
616	556927.54, 3776999.53	0.002170712	2.0598E-06	1.4E-06	1.4E-09	2.3E-08	5.1E-10	2.3E-08
617	556947.54, 3776999.53	0.001877302	1.89519E-06	1.2E-06	1.3E-09	2.0E-08	4.7E-10	2.0E-08
618	556967.54, 3776999.53	0.001552901	1.71596E-06	1.0E-06	1.1E-09	1.6E-08	4.3E-10	1.7E-08
619	556987.54, 3776999.53	0.001263242	1.53101E-06	8.4E-07	1.0E-09	1.3E-08	3.8E-10	1.4E-08
620	557007.54, 3776999.53	0.001033176	1.35531E-06	6.8E-07	9.0E-10	1.1E-08	3.4E-10	1.1E-08
621	557027.54, 3776999.53	0.000857128	1.19538E-06	5.7E-07	7.9E-10	8.9E-09	3.0E-10	9.2E-09
622	557047.54, 3776999.53	0.000720745	1.0534E-06	4.8E-07	7.0E-10	7.5E-09	2.6E-10	7.8E-09
623	557067.54, 3776999.53	0.000611933	9.29455E-07	4.0E-07	6.1E-10	6.4E-09	2.3E-10	6.6E-09
624	557087.54, 3776999.53	0.000522929	8.22363E-07	3.5E-07	5.4E-10	5.4E-09	2.1E-10	5.6E-09
625	556927.54, 3777019.53	0.002539306	2.32943E-06	1.7E-06	1.5E-09	2.6E-08	5.8E-10	2.7E-08
626	556947.54, 3777019.53	0.002092829	2.0985E-06	1.4E-06	1.4E-09	2.2E-08	5.2E-10	2.2E-08
627	556967.54, 3777019.53	0.001672316	1.86484E-06	1.1E-06	1.2E-09	1.7E-08	4.7E-10	1.8E-08
628	556987.54, 3777019.53	0.001335448	1.63788E-06	8.8E-07	1.1E-09	1.4E-08	4.1E-10	1.4E-08
629	557007.54, 3777019.53	0.001083598	1.43256E-06	7.2E-07	9.5E-10	1.1E-08	3.6E-10	1.2E-08
630	557027.54, 3777019.53	0.000894871	1.25235E-06	5.9E-07	8.3E-10	9.3E-09	3.1E-10	9.6E-09
631	557047.54, 3777019.53	0.000748459	1.09641E-06	5.0E-07	7.3E-10	7.8E-09	2.7E-10	8.1E-09
632	557067.54, 3777019.53	0.000631302	9.62676E-07	4.2E-07	6.4E-10	6.6E-09	2.4E-10	6.8E-09
633	557087.54, 3777019.53	0.000535959	8.48324E-07	3.5E-07	5.6E-10	5.6E-09	2.1E-10	5.8E-09
634	556927.54, 3777039.53	0.002945422	2.64658E-06	1.9E-06	1.8E-09	3.1E-08	6.6E-10	3.1E-08
635	556947.54, 3777039.53	0.002310072	2.32543E-06	1.5E-06	1.5E-09	2.4E-08	5.8E-10	2.5E-08
636	556967.54, 3777039.53	0.001792154	2.02531E-06	1.2E-06	1.3E-09	1.9E-08	5.1E-10	1.9E-08
637	556987.54, 3777039.53	0.001413633	1.7514E-06	9.4E-07	1.2E-09	1.5E-08	4.4E-10	1.5E-08
638	557007.54, 3777039.53	0.001140148	1.51483E-06	7.5E-07	1.0E-09	1.2E-08	3.8E-10	1.2E-08
639	557027.54, 3777039.53	0.000935865	1.31365E-06	6.2E-07	8.7E-10	9.7E-09	3.3E-10	1.0E-08
640	557047.54, 3777039.53	0.000776904	1.15162E-06	5.1E-07	7.6E-10	8.1E-09	2.9E-10	8.4E-09
641	557067.54, 3777039.53	0.000650199	9.9846E-07	4.3E-07	6.6E-10	6.8E-09	2.5E-10	7.0E-09
642	557087.54, 3777039.53	0.000548447	8.76291E-07	3.6E-07	5.8E-10	5.7E-09	2.2E-10	5.9E-09
643	557047.54, 3777059.53	0.000804838	1.17674E-06	5.3E-07	7.8E-10	8.4E-09	2.9E-10	8.7E-09
644	557067.54, 3777059.53	0.000668414	1.02163E-06	4.4E-07	6.8E-10	6.9E-09	2.5E-10	7.2E-09
645	557087.54, 3777059.53	0.000560593	8.92347E-07	3.7E-07	5.9E-10	5.8E-09	2.2E-10	6.1E-09
646	556919.02, 3777174.93	0.009066521	7.38938E-06	6.0E-06	4.9E-09	9.4E-08	1.8E-09	9.6E-08
647	556939.02, 3777174.93	0.005151542	5.18959E-06	3.4E-06	3.4E-09	5.4E-08	1.3E-09	5.5E-08
648	556919.02, 3777194.93	0.007864501	7.96601E-06	5.2E-06	5.3E-09	8.2E-08	2.0E-09	8.4E-08
649	556939.02, 3777194.93	0.004751124	5.59817E-06	3.1E-06	3.7E-09	4.9E-08	1.4E-09	5.1E-08
650	556919.02, 3777214.93	0.006120629	8.47392E-06	4.0E-06	5.6E-09	6.4E-08	2.1E-09	6.6E-08
651	556939.02, 3777214.93	0.004039604	6.01197E-06	2.7E-06	4.0E-09	4.2E-08	1.5E-09	4.4E-08
652	556919.02, 3777234.93	0.004594403	9.22795E-06	3.0E-06	6.1E-09	4.8E-08	2.3E-09	5.0E-08
653	556939.02, 3777234.93	0.003279786	6.60866E-06	2.2E-06	4.4E-09	3.4E-08	1.6E-09	3.6E-08
654	556919.02, 3777254.93	0.003429601	1.0877E-05	2.3E-06	7.2E-09	3.6E-08	2.7E-09	3.8E-08
655	556939.02, 3777254.93	0.002612656	7.80923E-06	1.7E-06	5.2E-09	2.7E-08	1.9E-09	2.9E-08
656	557023.57, 3777171.57	0.001206255	1.79164E-06	8.0E-07	1.2E-09	1.3E-08	4.5E-10	1.3E-08
657	557043.57, 3777171.57	0.000951174	1.46786E-06	6.3E-07	9.7E-10	9.9E-09	3.7E-10	1.0E-08
658	557063.57, 3777171.57	0.000768217	1.22706E-06	5.1E-07	8.1E-10	8.0E-09	3.1E-10	8.3E-09
659	557083.57, 3777171.57	0.00063229	1.04538E-06	4.2E-07	6.9E-10	6.6E-09	2.6E-10	6.8E-09
660	557023.57, 3777191.57	0.001189932	1.83144E-06	7.9E-07	1.2E-09	1.2E-08	4.6E-10	1.3E-08
661	557043.57, 3777191.57	0.000942872	1.49236E-06	6.2E-07	9.9E-10	9.8E-09	3.7E-10	1.0E-08
662	557063.57, 3777191.57	0.000764177	1.24518E-06	5.1E-07	8.2E-10	7.9E-09	3.1E-10	8.3E-09
663	557083.57, 3777191.57	0.000630456	1.06053E-06	4.2E-07	7.0E-10	6.6E-09	2.6E-10	6.8E-09
664	557023.57, 3777211.57	0.001144694	1.8509E-06	7.6E-07	1.2E-09	1.2E-08	4.6E-10	1.2E-08
665	557043.57, 3777211.57	0.000914691	1.50626E-06	6.1E-07	1.0E-09	9.5E-09	3.8E-10	9.9E-09
666	557063.57, 3777211.57	0.000745914	1.25774E-06	4.9E-07	8.3E-10	7.8E-09	3.1E-10	8.1E-09
667	557083.57, 3777211.57	0.000619505	1.06948E-06	4.1E-07	7.1E-10	6.4E-09	2.7E-10	6.7E-09
668	557023.57, 3777231.57	0.001072987	1.85362E-06	7.1E-07	1.2E-09	1.1E-08	4.6E-10	1.2E-08
669	557043.57, 3777231.57	0.000868026	1.50925E-06	5.7E-07	1.0E-09	9.0E-09	3.8E-10	9.4E-09
670	557063.57, 3777231.57	0.000714543	1.26082E-06	4.7E-07	8.3E-10	7.4E-09	3.1E-10	7.7E-09
671	557083.57, 3777231.57	0.000598514	1.07017E-06	4.0E-07	7.1E-10	6.2E-09	2.7E-10	6.5E-09
672	557023.57, 3777251.57	0.000984441	1.84332E-06	6.5E-07	1.2E-09	1.0E-08	4.6E-10	1.1E-08
673	557043.57, 3777251.57	0.000808504	1.49977E-06	5.3E-07	9.9E-10	8.4E-09	3.7E-10	8.8E-09
674	557063.57, 3777251.57	0.000673132	1.25197E-06	4.5E-07	8.3E-10	7.0E-09	3.1E-10	7.3E-09
675	557083.57, 3777251.57	0.000569048	1.05836E-06	3.8E-07	7.0E-10	5.9E-09	2.6E-10	6.2E-09
676	556249.05, 3776972.85	8.20176E-05	2.24896E-07	5.4E-08	1.5E-10	8.5E-10	5.6E-11	9.1E-10
677	556269.05, 3776972.85	8.66416E-05	2.26791E-07	5.7E-08	1.5E-10	9.0E-10	5.7E-11	9.6E-10
678	556229.05, 3776992.85	8.15663E-05	2.30513E-07	5.4E-08	1.5E-10	8.5E-10	5.8E-11	9.1E-10
679	556249.05, 3776992.85	8.59797E-05	2.35892E-07	5.7E-08	1.6E-10	8.9E-10	5.9E-11	9.5E-10
680	556269.05, 3776992.85	9.12055E-05	2.46152E-07	6.0E-08	1.6E-10	9.5E-10	6.1E-11	1.0E-09
681	556289.05, 3776992.85	9.67122E-05	2.56327E-07	6.4E-08	1.7E-10	1.0E-09	6.4E-11	1.1E-09
682	556309.05, 3776992.85	0.000102831	2.61891E-07	6.8E-08	1.7E-10	1.1E-09	6.5E-11	1.1E-09
683	556329.05, 3776992.85	0.000108899	2.64299E-07	7.2E-08	1.7E-10	1.1E-09	6.6E-11	1.2E-09
684	556209.05, 3777012.85	8.1075E-05	2.32834E-07	5.4E-08	1.5E-10	8.4E-10	5.8E-11	9.0E-10
685	556229.05, 3777012.85	8.52375E-05	2.35619E-07	5.6E-08	1.6E-10	8.9E-10	5.9E-11	9.5E-10
686	556249.05, 3777012.85	9.02929E-05	2.46551E-07	6.0E-08	1.6E-10	9.4E-10	6.2E-11	1.0E-09
687	556269.05, 3777012.85	9.595E-05	2.60491E-07	6.3E-08	1.7E-10	1.0E-09	6.5E-11	1.1E-09

688	556289.05, 3777012.85	0.000102159	2.76601E-07	6.8E-08	1.8E-10	1.1E-09	6.9E-11	1.1E-09
689	556309.05, 3777012.85	0.000108679	2.86492E-07	7.2E-08	1.9E-10	1.1E-09	7.1E-11	1.2E-09
690	556329.05, 3777012.85	0.000116212	3.05565E-07	7.7E-08	2.0E-10	1.2E-09	7.6E-11	1.3E-09
691	556209.05, 3777032.85	8.43249E-05	2.37889E-07	5.6E-08	1.6E-10	8.8E-10	5.9E-11	9.4E-10
692	556229.05, 3777032.85	8.92598E-05	2.48529E-07	5.9E-08	1.6E-10	9.3E-10	6.2E-11	9.9E-10
693	556249.05, 3777032.85	9.47766E-05	2.57763E-07	6.3E-08	1.7E-10	9.9E-10	6.4E-11	1.0E-09
694	556269.05, 3777032.85	0.000100855	2.73328E-07	6.7E-08	1.8E-10	1.0E-09	6.8E-11	1.1E-09
695	556289.05, 3777032.85	0.000107716	2.91405E-07	7.1E-08	1.9E-10	1.1E-09	7.3E-11	1.2E-09
696	556309.05, 3777032.85	0.000115058	3.10188E-07	7.6E-08	2.1E-10	1.2E-09	7.7E-11	1.3E-09
697	556209.05, 3777052.85	8.81365E-05	2.45236E-07	5.8E-08	1.6E-10	9.2E-10	6.1E-11	9.8E-10
698	556229.05, 3777052.85	9.33925E-05	2.57398E-07	6.2E-08	1.7E-10	9.7E-10	6.4E-11	1.0E-09
699	556249.05, 3777052.85	9.95312E-05	2.74111E-07	6.6E-08	1.8E-10	1.0E-09	6.8E-11	1.1E-09
700	556269.05, 3777052.85	0.000106111	2.90583E-07	7.0E-08	1.9E-10	1.1E-09	7.3E-11	1.2E-09
701	556289.05, 3777052.85	0.000113434	3.09724E-07	7.5E-08	2.0E-10	1.2E-09	7.7E-11	1.3E-09
702	556309.05, 3777052.85	0.000121568	3.31072E-07	8.0E-08	2.2E-10	1.3E-09	8.3E-11	1.3E-09
703	556249.05, 3777072.85	0.000104376	2.83974E-07	6.9E-08	1.9E-10	1.1E-09	7.1E-11	1.2E-09
704	556269.05, 3777072.85	0.000111658	3.02751E-07	7.4E-08	2.0E-10	1.2E-09	7.6E-11	1.2E-09
705	556289.05, 3777072.85	0.000119582	3.23219E-07	7.9E-08	2.1E-10	1.2E-09	8.1E-11	1.3E-09
706	556269.05, 3777092.85	0.000117647	3.13301E-07	7.8E-08	2.1E-10	1.2E-09	7.8E-11	1.3E-09
707	556441.69, 3776927.49	0.000130183	2.73122E-07	8.6E-08	1.8E-10	1.4E-09	6.8E-11	1.4E-09
708	556461.69, 3776927.49	0.000140615	2.92042E-07	9.3E-08	1.9E-10	1.5E-09	7.3E-11	1.5E-09
709	556481.69, 3776927.49	0.000150816	3.05949E-07	1.0E-07	2.0E-10	1.6E-09	7.6E-11	1.6E-09
710	556421.69, 3776947.49	0.000129431	2.82856E-07	8.6E-08	1.9E-10	1.3E-09	7.1E-11	1.4E-09
711	556441.69, 3776947.49	0.000138589	2.94844E-07	9.2E-08	2.0E-10	1.4E-09	7.4E-11	1.5E-09
712	556461.69, 3776947.49	0.000150385	3.16895E-07	1.0E-07	2.1E-10	1.6E-09	7.9E-11	1.6E-09
713	556481.69, 3776947.49	0.000162221	3.34383E-07	1.1E-07	2.2E-10	1.7E-09	8.3E-11	1.8E-09
714	556401.69, 3776967.49	0.000127957	2.88828E-07	8.5E-08	1.9E-10	1.3E-09	7.2E-11	1.4E-09
715	556421.69, 3776967.49	0.000137947	3.07188E-07	9.1E-08	2.0E-10	1.4E-09	7.7E-11	1.5E-09
716	556441.69, 3776967.49	0.000147857	3.20258E-07	9.8E-08	2.1E-10	1.5E-09	8.0E-11	1.6E-09
717	556461.69, 3776967.49	0.000159924	3.39802E-07	1.1E-07	2.2E-10	1.7E-09	8.5E-11	1.7E-09
718	556481.69, 3776967.49	0.000174609	3.67684E-07	1.2E-07	2.4E-10	1.8E-09	9.2E-11	1.9E-09
719	556401.69, 3776987.49	0.000136232	3.10658E-07	9.0E-08	2.1E-10	1.4E-09	7.8E-11	1.5E-09
720	556421.69, 3776987.49	0.000146443	3.28215E-07	9.7E-08	2.2E-10	1.5E-09	8.2E-11	1.6E-09
721	556441.69, 3776987.49	0.000158741	3.51822E-07	1.1E-07	2.3E-10	1.7E-09	8.8E-11	1.7E-09
722	556461.69, 3776987.49	0.000172212	3.75565E-07	1.1E-07	2.5E-10	1.8E-09	9.4E-11	1.9E-09
723	556481.69, 3776987.49	0.000188431	4.07295E-07	1.2E-07	2.7E-10	2.0E-09	1.0E-10	2.1E-09
724	556421.69, 3777007.49	0.000156474	3.52937E-07	1.0E-07	2.3E-10	1.6E-09	8.8E-11	1.7E-09
725	556441.69, 3777007.49	0.000169173	3.76158E-07	1.1E-07	2.5E-10	1.8E-09	9.4E-11	1.9E-09
726	556461.69, 3777007.49	0.000184339	4.06055E-07	1.2E-07	2.7E-10	1.9E-09	1.0E-10	2.0E-09
727	556481.69, 3777007.49	0.000202806	4.4609E-07	1.3E-07	3.0E-10	2.1E-09	1.1E-10	2.2E-09
728	556441.69, 3777027.49	0.000181892	4.07054E-07	1.2E-07	2.7E-10	1.9E-09	1.0E-10	2.0E-09
729	556461.69, 3777027.49	0.000197771	4.37196E-07	1.3E-07	2.9E-10	2.1E-09	1.1E-10	2.2E-09
730	556481.69, 3777027.49	0.000218304	4.84539E-07	1.4E-07	3.2E-10	2.3E-09	1.2E-10	2.4E-09
731	556251.24, 3777154.95	0.000134217	3.29847E-07	8.9E-08	2.2E-10	1.4E-09	8.2E-11	1.5E-09
732	556261.28, 3777141.2	0.000133054	3.34324E-07	8.8E-08	2.2E-10	1.4E-09	8.3E-11	1.5E-09
733	556264.98, 3777168.16	0.000147899	3.52594E-07	9.8E-08	2.3E-10	1.5E-09	8.8E-11	1.6E-09
734	556279.25, 3777151.77	0.000147548	3.62145E-07	9.8E-08	2.4E-10	1.5E-09	9.0E-11	1.6E-09
735	556202.6, 3777113.45	0.000100304	2.66081E-07	6.6E-08	1.8E-10	1.0E-09	6.6E-11	1.1E-09
736	556220.05, 3777109.75	0.000105068	2.78834E-07	7.0E-08	1.8E-10	1.1E-09	7.0E-11	1.2E-09
737	556187.53, 3777090.19	9.05842E-05	2.4713E-07	6.0E-08	1.6E-10	9.4E-10	6.2E-11	1.0E-09
738	556164.27, 3777121.38	9.15472E-05	2.43111E-07	6.1E-08	1.6E-10	9.5E-10	6.1E-11	1.0E-09
739	557510.26, 3776508.23	7.00596E-05	1.80835E-07	4.6E-08	1.2E-10	7.3E-10	4.5E-11	7.7E-10
740	557530.26, 3776508.23	6.57568E-05	1.73833E-07	4.4E-08	1.2E-10	6.8E-10	4.3E-11	7.3E-10
741	557550.26, 3776508.23	6.16446E-05	1.67282E-07	4.1E-08	1.1E-10	6.4E-10	4.2E-11	6.8E-10
742	557570.26, 3776508.23	5.77831E-05	1.61196E-07	3.8E-08	1.1E-10	6.0E-10	4.0E-11	6.4E-10
743	557590.26, 3776508.23	5.42426E-05	1.55702E-07	3.6E-08	1.0E-10	5.6E-10	3.9E-11	6.0E-10
744	557610.26, 3776508.23	5.10331E-05	1.508E-07	3.4E-08	1.0E-10	5.3E-10	3.8E-11	5.7E-10
745	557630.26, 3776508.23	4.80141E-05	1.46017E-07	3.2E-08	9.7E-11	5.0E-10	3.6E-11	5.4E-10
746	557650.26, 3776508.23	4.52659E-05	1.41617E-07	3.0E-08	9.4E-11	4.7E-10	3.5E-11	5.1E-10
747	557670.26, 3776508.23	4.26581E-05	1.37147E-07	2.8E-08	9.1E-11	4.4E-10	3.4E-11	4.8E-10
748	557690.26, 3776508.23	4.02209E-05	1.32703E-07	2.7E-08	8.8E-11	4.2E-10	3.3E-11	4.5E-10
749	557510.26, 3776528.23	6.92473E-05	1.8185E-07	4.6E-08	1.2E-10	7.2E-10	4.5E-11	7.7E-10
750	557530.26, 3776528.23	6.4794E-05	1.74709E-07	4.3E-08	1.2E-10	6.7E-10	4.4E-11	7.2E-10
751	557550.26, 3776528.23	6.06517E-05	1.68193E-07	4.0E-08	1.1E-10	6.3E-10	4.2E-11	6.7E-10
752	557570.26, 3776528.23	5.671E-05	1.61901E-07	3.8E-08	1.1E-10	5.9E-10	4.0E-11	6.3E-10
753	557590.26, 3776528.23	5.31996E-05	1.56429E-07	3.5E-08	1.0E-10	5.5E-10	3.9E-11	5.9E-10
754	557610.26, 3776528.23	4.999E-05	1.51359E-07	3.3E-08	1.0E-10	5.2E-10	3.8E-11	5.6E-10
755	557630.26, 3776528.23	4.70613E-05	1.46666E-07	3.1E-08	9.7E-11	4.9E-10	3.7E-11	5.3E-10
756	557650.26, 3776528.23	4.44034E-05	1.42286E-07	2.9E-08	9.4E-11	4.6E-10	3.6E-11	5.0E-10
757	557670.26, 3776528.23	4.18157E-05	1.37576E-07	2.8E-08	9.1E-11	4.3E-10	3.4E-11	4.7E-10
758	557690.26, 3776528.23	3.95188E-05	1.33258E-07	2.6E-08	8.8E-11	4.1E-10	3.3E-11	4.4E-10
759	557510.26, 3776548.23	6.80538E-05	1.82333E-07	4.5E-08	1.2E-10	7.1E-10	4.5E-11	7.5E-10
760	557530.26, 3776548.23	6.36708E-05	1.75481E-07	4.2E-08	1.2E-10	6.6E-10	4.4E-11	7.1E-10
761	557550.26, 3776548.23	5.92978E-05	1.68365E-07	3.9E-08	1.1E-10	6.2E-10	4.2E-11	6.6E-10
762	557570.26, 3776548.23	5.53561E-05	1.6198E-07	3.7E-08	1.1E-10	5.8E-10	4.0E-11	6.2E-10
763	557590.26, 3776548.23	5.19559E-05	1.56607E-07	3.4E-08	1.0E-10	5.4E-10	3.9E-11	5.8E-10
764	557610.26, 3776548.23	4.87965E-05	1.51425E-07	3.2E-08	1.0E-10	5.1E-10	3.8E-11	5.5E-10
765	557630.26, 3776548.23	4.5948E-05	1.46663E-07	3.0E-08	9.7E-11	4.8E-10	3.7E-11	5.1E-10
766	557650.26, 3776548.23	4.34004E-05	1.42308E-07	2.9E-08	9.4E-11	4.5E-10	3.6E-11	4.9E-10
767	557670.26, 3776548.23	4.09632E-05	1.37721E-07	2.7E-08	9.1E-11	4.3E-10	3.4E-11	4.6E-10
768	557690.26, 3776548.23	3.87967E-05	1.33522E-07	2.6E-08	8.8E-11	4.0E-10	3.3E-11	4.4E-10
769	557510.26, 3776568.23	6.66297E-05	1.82565E-07	4.4E-08	1.2E-10	6.9E-10	4.6E-11	7.4E-10
770	557530.26, 3776568.23	6.22065E-05	1.75579E-07	4.1E-08	1.2E-10	6.5E-10	4.4E-11	6.9E-10
771	557550.26, 3776568.23	5.79539E-05	1.68598E-07	3.8E-08	1.1E-10	6.0E-10	4.2E-11	6.4E-10
772	557570.26, 3776568.23	5.40222E-05	1.61946E-07	3.6E-08	1.1E-10	5.6E-10	4.0E-11	6.0E-10
773	557590.26, 3776568.23	5.06521E-05	1.56368E-07	3.4E-08	1.0E-10	5.3E-10	3.9E-11	5.7E-10
774	557610.26, 3776568.23	4.7583E-05	1.51098E-07	3.1E-08	1.0E-10	4.9E-10	3.8E-11	5.3E-10

775	557630.26, 3776568.23	4.48348E-05	1.46271E-07	3.0E-08	9.7E-11	4.7E-10	3.6E-11	5.0E-10
776	557650.26, 3776568.23	4.24276E-05	1.42043E-07	2.8E-08	9.4E-11	4.4E-10	3.5E-11	4.8E-10
777	557670.26, 3776568.23	4.01107E-05	1.37447E-07	2.7E-08	9.1E-11	4.2E-10	3.4E-11	4.5E-10
778	557690.26, 3776568.23	3.80144E-05	1.33045E-07	2.5E-08	8.8E-11	4.0E-10	3.3E-11	4.3E-10
779	557510.26, 3776588.23	6.5045E-05	1.82354E-07	4.3E-08	1.2E-10	6.8E-10	4.6E-11	7.2E-10
780	557530.26, 3776588.23	6.07222E-05	1.75518E-07	4.0E-08	1.2E-10	6.3E-10	4.4E-11	6.8E-10
781	557550.26, 3776588.23	5.65798E-05	1.68486E-07	3.7E-08	1.1E-10	5.9E-10	4.2E-11	6.3E-10
782	557570.26, 3776588.23	5.27284E-05	1.61534E-07	3.5E-08	1.1E-10	5.5E-10	4.0E-11	5.9E-10
783	557590.26, 3776588.23	4.93784E-05	1.55508E-07	3.3E-08	1.0E-10	5.1E-10	3.9E-11	5.5E-10
784	557610.26, 3776588.23	4.64296E-05	1.50202E-07	3.1E-08	9.9E-11	4.8E-10	3.7E-11	5.2E-10
785	557630.26, 3776588.23	4.3882E-05	1.4575E-07	2.9E-08	9.6E-11	4.6E-10	3.6E-11	4.9E-10
786	557650.26, 3776588.23	4.1555E-05	1.41388E-07	2.7E-08	9.4E-11	4.3E-10	3.5E-11	4.7E-10
787	557670.26, 3776588.23	3.94086E-05	1.37034E-07	2.6E-08	9.1E-11	4.1E-10	3.4E-11	4.4E-10
788	557690.26, 3776588.23	3.74628E-05	1.32861E-07	2.5E-08	8.8E-11	3.9E-10	3.3E-11	4.2E-10
789	557510.26, 3776608.23	6.34704E-05	1.81713E-07	4.2E-08	1.2E-10	6.6E-10	4.5E-11	7.1E-10
790	557530.26, 3776608.23	5.92579E-05	1.74918E-07	3.9E-08	1.2E-10	6.2E-10	4.4E-11	6.6E-10
791	557550.26, 3776608.23	5.52359E-05	1.67734E-07	3.7E-08	1.1E-10	5.7E-10	4.2E-11	6.2E-10
792	557570.26, 3776608.23	5.16151E-05	1.6096E-07	3.4E-08	1.1E-10	5.4E-10	4.0E-11	5.8E-10
793	557590.26, 3776608.23	4.83654E-05	1.54592E-07	3.2E-08	1.0E-10	5.0E-10	3.9E-11	5.4E-10
794	557610.26, 3776608.23	4.5547E-05	1.49262E-07	3.0E-08	9.9E-11	4.7E-10	3.7E-11	5.1E-10
795	557630.26, 3776608.23	4.30796E-05	1.448E-07	2.9E-08	9.6E-11	4.5E-10	3.6E-11	4.8E-10
796	557650.26, 3776608.23	4.08329E-05	1.40333E-07	2.7E-08	9.3E-11	4.2E-10	3.5E-11	4.6E-10
797	557670.26, 3776608.23	3.87667E-05	1.35862E-07	2.6E-08	9.0E-11	4.0E-10	3.4E-11	4.4E-10
798	557690.26, 3776608.23	3.68911E-05	1.31543E-07	2.4E-08	8.7E-11	3.8E-10	3.3E-11	4.2E-10
799	557510.26, 3776628.23	6.21065E-05	1.80854E-07	4.1E-08	1.2E-10	6.5E-10	4.5E-11	6.9E-10
800	557530.26, 3776628.23	5.79541E-05	1.73819E-07	3.8E-08	1.2E-10	6.0E-10	4.3E-11	6.5E-10
801	557550.26, 3776628.23	5.40825E-05	1.66394E-07	3.6E-08	1.1E-10	5.6E-10	4.2E-11	6.0E-10
802	557570.26, 3776628.23	5.07927E-05	1.60774E-07	3.4E-08	1.1E-10	5.3E-10	4.0E-11	5.7E-10
803	557590.26, 3776628.23	4.76032E-05	1.53587E-07	3.1E-08	1.0E-10	4.9E-10	3.8E-11	5.3E-10
804	557610.26, 3776628.23	4.48951E-05	1.48195E-07	3.0E-08	9.8E-11	4.7E-10	3.7E-11	5.0E-10
805	557630.26, 3776628.23	4.24879E-05	1.43399E-07	2.8E-08	9.5E-11	4.4E-10	3.6E-11	4.8E-10
806	557650.26, 3776628.23	4.03414E-05	1.39182E-07	2.7E-08	9.2E-11	4.2E-10	3.5E-11	4.5E-10
807	557670.26, 3776628.23	3.83655E-05	1.34713E-07	2.5E-08	8.9E-11	4.0E-10	3.4E-11	4.3E-10
808	557690.26, 3776628.23	3.65801E-05	1.3052E-07	2.4E-08	8.6E-11	3.8E-10	3.3E-11	4.1E-10
809	557510.26, 3776648.23	6.09431E-05	1.79499E-07	4.0E-08	1.2E-10	6.3E-10	4.5E-11	6.8E-10
810	557530.26, 3776648.23	5.6891E-05	1.7196E-07	3.8E-08	1.1E-10	5.9E-10	4.3E-11	6.3E-10
811	557550.26, 3776648.23	5.32401E-05	1.64548E-07	3.5E-08	1.1E-10	5.5E-10	4.1E-11	5.9E-10
812	557570.26, 3776648.23	4.99803E-05	1.54335E-07	3.3E-08	1.0E-10	5.2E-10	3.9E-11	5.6E-10
813	557590.26, 3776648.23	4.71017E-05	1.48935E-07	3.1E-08	9.9E-11	4.9E-10	3.7E-11	5.3E-10
814	557610.26, 3776648.23	4.45039E-05	1.42973E-07	2.9E-08	9.5E-11	4.6E-10	3.6E-11	5.0E-10
815	557630.26, 3776648.23	4.21669E-05	1.38973E-07	2.8E-08	9.2E-11	4.4E-10	3.5E-11	4.7E-10
816	557650.26, 3776648.23	4.00706E-05	1.35614E-07	2.7E-08	9.0E-11	4.2E-10	3.4E-11	4.5E-10
817	557670.26, 3776648.23	3.81649E-05	1.31118E-07	2.5E-08	8.7E-11	4.0E-10	3.3E-11	4.3E-10
818	557690.26, 3776648.23	3.64297E-05	1.27681E-07	2.4E-08	8.4E-11	3.8E-10	3.2E-11	4.1E-10
819	557510.26, 3776668.23	6.01808E-05	1.71666E-07	4.0E-08	1.1E-10	6.3E-10	4.3E-11	6.7E-10
820	557530.26, 3776668.23	5.62992E-05	1.62989E-07	3.7E-08	1.1E-10	5.9E-10	4.1E-11	6.3E-10
821	557550.26, 3776668.23	5.28388E-05	1.54928E-07	3.5E-08	1.0E-10	5.5E-10	3.9E-11	5.9E-10
822	557570.26, 3776668.23	4.97395E-05	1.45642E-07	3.3E-08	9.6E-11	5.2E-10	3.6E-11	5.5E-10
823	557590.26, 3776668.23	4.69211E-05	1.42248E-07	3.1E-08	9.4E-11	4.9E-10	3.5E-11	5.2E-10
824	557610.26, 3776668.23	4.44236E-05	1.34505E-07	2.9E-08	8.9E-11	4.6E-10	3.4E-11	5.0E-10
825	557630.26, 3776668.23	4.21468E-05	1.30854E-07	2.8E-08	8.7E-11	4.4E-10	3.3E-11	4.7E-10
826	557650.26, 3776668.23	4.00705E-05	1.28189E-07	2.7E-08	8.5E-11	4.2E-10	3.2E-11	4.5E-10
827	557670.26, 3776668.23	3.82049E-05	1.25501E-07	2.5E-08	8.3E-11	4.0E-10	3.1E-11	4.3E-10
828	557690.26, 3776668.23	3.64998E-05	1.2195E-07	2.4E-08	8.1E-11	3.8E-10	3.0E-11	4.1E-10
829	557510.26, 3776688.23	5.98497E-05	1.61885E-07	4.0E-08	1.1E-10	6.2E-10	4.0E-11	6.6E-10
830	557530.26, 3776688.23	5.60885E-05	1.54486E-07	3.7E-08	1.0E-10	5.8E-10	3.9E-11	6.2E-10
831	557550.26, 3776688.23	5.27384E-05	1.45658E-07	3.5E-08	9.6E-11	5.5E-10	3.6E-11	5.8E-10
832	557570.26, 3776688.23	4.97194E-05	1.39978E-07	3.3E-08	9.3E-11	5.2E-10	3.5E-11	5.5E-10
833	557590.26, 3776688.23	4.69912E-05	1.34882E-07	3.1E-08	8.9E-11	4.9E-10	3.4E-11	5.2E-10
834	557610.26, 3776688.23	4.45338E-05	1.27748E-07	2.9E-08	8.5E-11	4.6E-10	3.2E-11	4.9E-10
835	557630.26, 3776688.23	4.22971E-05	1.24913E-07	2.8E-08	8.3E-11	4.4E-10	3.1E-11	4.7E-10
836	557650.26, 3776688.23	4.0251E-05	1.21799E-07	2.7E-08	8.1E-11	4.2E-10	3.0E-11	4.5E-10
837	557670.26, 3776688.23	3.84054E-05	1.17787E-07	2.5E-08	7.8E-11	4.0E-10	2.9E-11	4.3E-10
838	557690.26, 3776688.23	3.67304E-05	1.13802E-07	2.4E-08	7.5E-11	3.8E-10	2.8E-11	4.1E-10
839	556172.49, 3776517.81	2.68307E-05	5.81313E-08	1.8E-08	3.8E-11	2.8E-10	1.5E-11	2.9E-10
840	556192.49, 3776517.81	2.76532E-05	5.98162E-08	1.8E-08	4.0E-11	2.9E-10	1.5E-11	3.0E-10
841	556212.49, 3776517.81	2.83352E-05	6.0374E-08	1.9E-08	4.0E-11	2.9E-10	1.5E-11	3.1E-10
842	556232.49, 3776517.81	2.91477E-05	6.15324E-08	1.9E-08	4.1E-11	3.0E-10	1.5E-11	3.2E-10
843	556252.49, 3776517.81	3.00203E-05	6.27853E-08	2.0E-08	4.2E-11	3.1E-10	1.6E-11	3.3E-10
844	556272.49, 3776517.81	3.10735E-05	6.46947E-08	2.1E-08	4.3E-11	3.2E-10	1.6E-11	3.4E-10
845	556292.49, 3776517.81	3.21969E-05	6.65129E-08	2.1E-08	4.4E-11	3.3E-10	1.7E-11	3.5E-10
846	556312.49, 3776517.81	3.34005E-05	6.81463E-08	2.2E-08	4.5E-11	3.5E-10	1.7E-11	3.6E-10
847	556332.49, 3776517.81	3.48349E-05	7.02863E-08	2.3E-08	4.7E-11	3.6E-10	1.8E-11	3.8E-10
848	556352.49, 3776517.81	3.63394E-05	7.1806E-08	2.4E-08	4.8E-11	3.8E-10	1.8E-11	4.0E-10
849	556372.49, 3776517.81	3.7874E-05	7.25225E-08	2.5E-08	4.8E-11	3.9E-10	1.8E-11	4.1E-10
850	556392.49, 3776517.81	3.98298E-05	7.48136E-08	2.6E-08	4.9E-11	4.1E-10	1.9E-11	4.3E-10
851	556412.49, 3776517.81	4.17756E-05	7.64448E-08	2.8E-08	5.1E-11	4.3E-10	1.9E-11	4.5E-10
852	556432.49, 3776517.81	4.37415E-05	7.78564E-08	2.9E-08	5.2E-11	4.5E-10	1.9E-11	4.7E-10
853	556452.49, 3776517.81	4.56673E-05	7.9102E-08	3.0E-08	5.2E-11	4.7E-10	2.0E-11	4.9E-10
854	556472.49, 3776517.81	4.77635E-05	8.16711E-08	3.2E-08	5.4E-11	5.0E-10	2.0E-11	5.2E-10
855	556492.49, 3776517.81	4.97996E-05	8.40325E-08	3.3E-08	5.6E-11	5.2E-10	2.1E-11	5.4E-10
856	556172.49, 3776537.81	2.77334E-05	6.02411E-08	1.8E-08	4.0E-11	2.9E-10	1.5E-11	3.0E-10
857	556192.49, 3776537.81	2.85258E-05	6.15098E-08	1.9E-08	4.1E-11	3.0E-10	1.5E-11	3.1E-10
858	556212.49, 3776537.81	2.93683E-05	6.28959E-08	1.9E-08	4.2E-11	3.1E-10	1.6E-11	3.2E-10
859	556232.49, 3776537.81	3.02109E-05	6.40266E-08	2.0E-08	4.2E-11	3.1E-10	1.6E-11	3.3E-10
860	556252.49, 3776537.81	3.11136E-05	6.52811E-08	2.1E-08	4.3E-11	3.2E-10	1.6E-11	3.4E-10
861	556272.49, 3776537.81	3.20665E-05	6.64839E-08	2.1E-08	4.4E-11	3.3E-10	1.7E-11	3.5E-10

862	556292.49, 3776537.81	3.33002E-05	6.89382E-08	2.2E-08	4.6E-11	3.5E-10	1.7E-11	3.6E-10
863	556312.49, 3776537.81	3.45641E-05	7.09106E-08	2.3E-08	4.7E-11	3.6E-10	1.8E-11	3.8E-10
864	556332.49, 3776537.81	3.60285E-05	7.32295E-08	2.4E-08	4.8E-11	3.7E-10	1.8E-11	3.9E-10
865	556352.49, 3776537.81	3.75631E-05	7.50245E-08	2.5E-08	5.0E-11	3.9E-10	1.9E-11	4.1E-10
866	556372.49, 3776537.81	3.91679E-05	7.6169E-08	2.6E-08	5.0E-11	4.1E-10	1.9E-11	4.3E-10
867	556392.49, 3776537.81	4.09432E-05	7.71867E-08	2.7E-08	5.1E-11	4.3E-10	1.9E-11	4.4E-10
868	556412.49, 3776537.81	4.31097E-05	7.95519E-08	2.9E-08	5.3E-11	4.5E-10	2.0E-11	4.7E-10
869	556432.49, 3776537.81	4.52962E-05	8.15062E-08	3.0E-08	5.4E-11	4.7E-10	2.0E-11	4.9E-10
870	556452.49, 3776537.81	4.74125E-05	8.27577E-08	3.1E-08	5.5E-11	4.9E-10	2.1E-11	5.1E-10
871	556472.49, 3776537.81	4.97495E-05	8.55615E-08	3.3E-08	5.7E-11	5.2E-10	2.1E-11	5.4E-10
872	556492.49, 3776537.81	5.20464E-05	8.8298E-08	3.4E-08	5.8E-11	5.4E-10	2.2E-11	5.6E-10
873	556332.49, 3776557.81	3.74026E-05	7.67327E-08	2.5E-08	5.1E-11	3.9E-10	1.9E-11	4.1E-10
874	556352.49, 3776557.81	3.88269E-05	7.79438E-08	2.6E-08	5.2E-11	4.0E-10	1.9E-11	4.2E-10
875	556372.49, 3776557.81	4.06022E-05	8.01013E-08	2.7E-08	5.3E-11	4.2E-10	2.0E-11	4.4E-10
876	556392.49, 3776557.81	4.24578E-05	8.1488E-08	2.8E-08	5.4E-11	4.4E-10	2.0E-11	4.6E-10
877	556412.49, 3776557.81	4.46945E-05	8.39534E-08	3.0E-08	5.6E-11	4.6E-10	2.1E-11	4.9E-10
878	556432.49, 3776557.81	4.69613E-05	8.56729E-08	3.1E-08	5.7E-11	4.9E-10	2.1E-11	5.1E-10
879	556452.49, 3776557.81	4.92581E-05	8.70085E-08	3.3E-08	5.8E-11	5.1E-10	2.2E-11	5.3E-10
880	556472.49, 3776557.81	5.17757E-05	8.95878E-08	3.4E-08	5.9E-11	5.4E-10	2.2E-11	5.6E-10
881	556492.49, 3776557.81	5.43835E-05	9.27965E-08	3.6E-08	6.1E-11	5.7E-10	2.3E-11	5.9E-10
882	556332.49, 3776577.81	3.87667E-05	7.96115E-08	2.6E-08	5.3E-11	4.0E-10	2.0E-11	4.2E-10
883	556352.49, 3776577.81	4.03916E-05	8.20244E-08	2.7E-08	5.4E-11	4.2E-10	2.0E-11	4.4E-10
884	556372.49, 3776577.81	4.21569E-05	8.40972E-08	2.8E-08	5.6E-11	4.4E-10	2.1E-11	4.6E-10
885	556392.49, 3776577.81	4.4163E-05	8.63653E-08	2.9E-08	5.7E-11	4.6E-10	2.2E-11	4.8E-10
886	556412.49, 3776577.81	4.64097E-05	8.87038E-08	3.1E-08	5.9E-11	4.8E-10	2.2E-11	5.0E-10
887	556432.49, 3776577.81	4.87266E-05	9.01706E-08	3.2E-08	6.0E-11	5.1E-10	2.3E-11	5.3E-10
888	556452.49, 3776577.81	5.12743E-05	9.21125E-08	3.4E-08	6.1E-11	5.3E-10	2.3E-11	5.6E-10
889	556472.49, 3776577.81	5.40225E-05	9.47791E-08	3.6E-08	6.3E-11	5.6E-10	2.4E-11	5.9E-10
890	556492.49, 3776577.81	5.68309E-05	9.76849E-08	3.8E-08	6.5E-11	5.9E-10	2.4E-11	6.2E-10
891	556332.49, 3776597.81	4.04418E-05	8.38044E-08	2.7E-08	5.5E-11	4.2E-10	2.1E-11	4.4E-10
892	556352.49, 3776597.81	4.20667E-05	8.60772E-08	2.8E-08	5.7E-11	4.4E-10	2.1E-11	4.6E-10
893	556372.49, 3776597.81	4.38521E-05	8.82488E-08	2.9E-08	5.8E-11	4.6E-10	2.2E-11	4.8E-10
894	556392.49, 3776597.81	4.57478E-05	8.98648E-08	3.0E-08	5.9E-11	4.8E-10	2.2E-11	5.0E-10
895	556412.49, 3776597.81	4.81851E-05	9.31569E-08	3.2E-08	6.2E-11	5.0E-10	2.3E-11	5.2E-10
896	556432.49, 3776597.81	5.06124E-05	9.49502E-08	3.3E-08	6.3E-11	5.3E-10	2.4E-11	5.5E-10
897	556452.49, 3776597.81	5.31901E-05	9.636E-08	3.5E-08	6.4E-11	5.5E-10	2.4E-11	5.8E-10
898	556472.49, 3776597.81	5.61389E-05	9.89634E-08	3.7E-08	6.5E-11	5.8E-10	2.5E-11	6.1E-10
899	556492.49, 3776597.81	5.93786E-05	1.02915E-07	3.9E-08	6.8E-11	6.2E-10	2.6E-11	6.4E-10
900	556252.49, 3776617.81	3.66001E-05	7.92503E-08	2.4E-08	5.2E-11	3.8E-10	2.0E-11	4.0E-10
901	556272.49, 3776617.81	3.77837E-05	8.0777E-08	2.5E-08	5.3E-11	3.9E-10	2.0E-11	4.1E-10
902	556292.49, 3776617.81	3.91177E-05	8.28151E-08	2.6E-08	5.5E-11	4.1E-10	2.1E-11	4.3E-10
903	556312.49, 3776617.81	4.06223E-05	8.53833E-08	2.7E-08	5.6E-11	4.2E-10	2.1E-11	4.4E-10
904	556332.49, 3776617.81	4.20165E-05	8.6864E-08	2.8E-08	5.7E-11	4.4E-10	2.2E-11	4.6E-10
905	556352.49, 3776617.81	4.39022E-05	9.0403E-08	2.9E-08	6.0E-11	4.6E-10	2.3E-11	4.8E-10
906	556372.49, 3776617.81	4.58581E-05	9.34396E-08	3.0E-08	6.2E-11	4.8E-10	2.3E-11	5.0E-10
907	556392.49, 3776617.81	4.78341E-05	9.54824E-08	3.2E-08	6.3E-11	5.0E-10	2.4E-11	5.2E-10
908	556412.49, 3776617.81	5.02413E-05	9.85191E-08	3.3E-08	6.5E-11	5.2E-10	2.5E-11	5.5E-10
909	556432.49, 3776617.81	5.26887E-05	1.00219E-07	3.5E-08	6.6E-11	5.5E-10	2.5E-11	5.7E-10
910	556452.49, 3776617.81	5.55873E-05	1.02927E-07	3.7E-08	6.8E-11	5.8E-10	2.6E-11	6.0E-10
911	556472.49, 3776617.81	5.84659E-05	1.04177E-07	3.9E-08	6.9E-11	6.1E-10	2.6E-11	6.3E-10
912	556492.49, 3776617.81	6.20266E-05	1.08488E-07	4.1E-08	7.2E-11	6.4E-10	2.7E-11	6.7E-10
913	556252.49, 3776637.81	3.81548E-05	8.3012E-08	2.5E-08	5.5E-11	4.0E-10	2.1E-11	4.2E-10
914	556272.49, 3776637.81	3.96593E-05	8.60751E-08	2.6E-08	5.7E-11	4.1E-10	2.1E-11	4.3E-10
915	556292.49, 3776637.81	4.0883E-05	8.71616E-08	2.7E-08	5.8E-11	4.3E-10	2.2E-11	4.5E-10
916	556312.49, 3776637.81	4.23274E-05	8.90356E-08	2.8E-08	5.9E-11	4.4E-10	2.2E-11	4.6E-10
917	556332.49, 3776637.81	4.41028E-05	9.23176E-08	2.9E-08	6.1E-11	4.6E-10	2.3E-11	4.8E-10
918	556352.49, 3776637.81	4.58481E-05	9.47831E-08	3.0E-08	6.3E-11	4.8E-10	2.4E-11	5.0E-10
919	556372.49, 3776637.81	4.79444E-05	9.83863E-08	3.2E-08	6.5E-11	5.0E-10	2.5E-11	5.2E-10
920	556392.49, 3776637.81	4.99505E-05	1.00422E-07	3.3E-08	6.6E-11	5.2E-10	2.5E-11	5.4E-10
921	556412.49, 3776637.81	5.23577E-05	1.03369E-07	3.5E-08	6.8E-11	5.4E-10	2.6E-11	5.7E-10
922	556432.49, 3776637.81	5.49957E-05	1.05984E-07	3.6E-08	7.0E-11	5.7E-10	2.6E-11	6.0E-10
923	556452.49, 3776637.81	5.78843E-05	1.08245E-07	3.8E-08	7.2E-11	6.0E-10	2.7E-11	6.3E-10
924	556472.49, 3776637.81	6.11641E-05	1.11037E-07	4.0E-08	7.3E-11	6.4E-10	2.8E-11	6.6E-10
925	556492.49, 3776637.81	6.4805E-05	1.14501E-07	4.3E-08	7.6E-11	6.7E-10	2.9E-11	7.0E-10
926	556252.49, 3776657.81	3.99201E-05	8.75822E-08	2.6E-08	5.8E-11	4.2E-10	2.2E-11	4.4E-10
927	556272.49, 3776657.81	4.14346E-05	9.0395E-08	2.7E-08	6.0E-11	4.3E-10	2.3E-11	4.5E-10
928	556292.49, 3776657.81	4.29893E-05	9.30181E-08	2.8E-08	6.2E-11	4.5E-10	2.3E-11	4.7E-10
929	556312.49, 3776657.81	4.4203E-05	9.32556E-08	2.9E-08	6.2E-11	4.6E-10	2.3E-11	4.8E-10
930	556332.49, 3776657.81	4.6179E-05	9.7194E-08	3.1E-08	6.4E-11	4.8E-10	2.4E-11	5.0E-10
931	556352.49, 3776657.81	4.81349E-05	1.00462E-07	3.2E-08	6.6E-11	5.0E-10	2.5E-11	5.3E-10
932	556372.49, 3776657.81	5.02614E-05	1.0387E-07	3.3E-08	6.9E-11	5.2E-10	2.6E-11	5.5E-10
933	556392.49, 3776657.81	5.22273E-05	1.05465E-07	3.5E-08	7.0E-11	5.4E-10	2.6E-11	5.7E-10
934	556412.49, 3776657.81	5.46547E-05	1.08391E-07	3.6E-08	7.2E-11	5.7E-10	2.7E-11	6.0E-10
935	556432.49, 3776657.81	5.73829E-05	1.11325E-07	3.8E-08	7.4E-11	6.0E-10	2.8E-11	6.2E-10
936	556452.49, 3776657.81	6.04621E-05	1.14371E-07	4.0E-08	7.6E-11	6.3E-10	2.9E-11	6.6E-10
937	556472.49, 3776657.81	6.38824E-05	1.1734E-07	4.2E-08	7.8E-11	6.6E-10	2.9E-11	6.9E-10
938	556492.49, 3776657.81	6.77941E-05	1.21195E-07	4.5E-08	8.0E-11	7.0E-10	3.0E-11	7.4E-10
939	556252.49, 3776677.81	4.18057E-05	9.23988E-08	2.8E-08	6.1E-11	4.3E-10	2.3E-11	4.6E-10
940	556272.49, 3776677.81	4.30896E-05	9.36859E-08	2.9E-08	6.2E-11	4.5E-10	2.3E-11	4.7E-10
941	556292.49, 3776677.81	4.47346E-05	9.64449E-08	3.0E-08	6.4E-11	4.7E-10	2.4E-11	4.9E-10
942	556312.49, 3776677.81	4.64999E-05	9.93647E-08	3.1E-08	6.6E-11	4.8E-10	2.5E-11	5.1E-10
943	556332.49, 3776677.81	4.84258E-05	1.0255E-07	3.2E-08	6.8E-11	5.0E-10	2.6E-11	5.3E-10
944	556352.49, 3776677.81	5.05422E-05	1.06192E-07	3.3E-08	7.0E-11	5.3E-10	2.6E-11	5.5E-10
945	556372.49, 3776677.81	5.26787E-05	1.09218E-07	3.5E-08	7.2E-11	5.5E-10	2.7E-11	5.7E-10
946	556392.49, 3776677.81	5.48151E-05	1.11417E-07	3.6E-08	7.4E-11	5.7E-10	2.8E-11	6.0E-10
947	556412.49, 3776677.81	5.74832E-05	1.1528E-07	3.8E-08	7.6E-11	6.0E-10	2.9E-11	6.3E-10
948	556432.49, 3776677.81	6.00811E-05	1.17375E-07	4.0E-08	7.8E-11	6.2E-10	2.9E-11	6.5E-10

949	556452.49, 3776677.81	6.32305E-05	1.20525E-07	4.2E-08	8.0E-11	6.6E-10	3.0E-11	6.9E-10
950	556472.49, 3776677.81	6.69216E-05	1.24498E-07	4.4E-08	8.2E-11	7.0E-10	3.1E-11	7.3E-10
951	556492.49, 3776677.81	7.1044E-05	1.28635E-07	4.7E-08	8.5E-11	7.4E-10	3.2E-11	7.7E-10
952	556252.49, 3776697.81	4.38418E-05	9.76035E-08	2.9E-08	6.5E-11	4.6E-10	2.4E-11	4.8E-10
953	556272.49, 3776697.81	4.5216E-05	9.90351E-08	3.0E-08	6.6E-11	4.7E-10	2.5E-11	4.9E-10
954	556372.49, 3776697.81	5.53768E-05	1.15438E-07	3.7E-08	7.6E-11	5.8E-10	2.9E-11	6.0E-10
955	556392.49, 3776697.81	5.74631E-05	1.1686E-07	3.8E-08	7.7E-11	6.0E-10	2.9E-11	6.3E-10
956	556412.49, 3776697.81	6.02616E-05	1.21011E-07	4.0E-08	8.0E-11	6.3E-10	3.0E-11	6.6E-10
957	556432.49, 3776697.81	6.31002E-05	1.24001E-07	4.2E-08	8.2E-11	6.6E-10	3.1E-11	6.9E-10
958	556452.49, 3776697.81	6.62697E-05	1.26997E-07	4.4E-08	8.4E-11	6.9E-10	3.2E-11	7.2E-10
959	556472.49, 3776697.81	7.01414E-05	1.3154E-07	4.6E-08	8.7E-11	7.3E-10	3.3E-11	7.6E-10
960	556492.49, 3776697.81	7.45647E-05	1.36564E-07	4.9E-08	9.0E-11	7.8E-10	3.4E-11	8.1E-10
961	556252.49, 3776717.81	4.55871E-05	1.00765E-07	3.0E-08	6.7E-11	4.7E-10	2.5E-11	5.0E-10
962	556272.49, 3776717.81	4.74126E-05	1.04294E-07	3.1E-08	6.9E-11	4.9E-10	2.6E-11	5.2E-10
963	556372.49, 3776717.81	5.82855E-05	1.22118E-07	3.9E-08	8.1E-11	6.1E-10	3.0E-11	6.4E-10
964	556392.49, 3776717.81	6.04421E-05	1.23283E-07	4.0E-08	8.2E-11	6.3E-10	3.1E-11	6.6E-10
965	556412.49, 3776717.81	6.34512E-05	1.27942E-07	4.2E-08	8.5E-11	6.6E-10	3.2E-11	6.9E-10
966	556432.49, 3776717.81	6.64403E-05	1.31232E-07	4.4E-08	8.7E-11	6.9E-10	3.3E-11	7.2E-10
967	556452.49, 3776717.81	6.97503E-05	1.3455E-07	4.6E-08	8.9E-11	7.3E-10	3.4E-11	7.6E-10
968	556472.49, 3776717.81	7.41335E-05	1.41274E-07	4.9E-08	9.3E-11	7.7E-10	3.5E-11	8.1E-10
969	556492.49, 3776717.81	7.84364E-05	1.45117E-07	5.2E-08	9.6E-11	8.2E-10	3.6E-11	8.5E-10
970	556267.4, 3776875.81	6.81854E-05	1.65379E-07	4.5E-08	1.1E-10	7.1E-10	4.1E-11	7.5E-10
971	556239.03, 3776853.02	5.99505E-05	1.44602E-07	4.0E-08	9.6E-11	6.2E-10	3.6E-11	6.6E-10
972	556178.76, 3776751.21	4.36412E-05	1.04195E-07	2.9E-08	6.9E-11	4.5E-10	2.6E-11	4.8E-10
973	556154.45, 3776774.51	4.29291E-05	1.04123E-07	2.8E-08	6.9E-11	4.5E-10	2.6E-11	4.7E-10
974	556119.5, 3776705.11	3.58677E-05	8.56016E-08	2.4E-08	5.7E-11	3.7E-10	2.1E-11	3.9E-10
975	556146.51, 3777267.93	0.00013241	2.71831E-07	8.8E-08	1.8E-10	1.4E-09	6.8E-11	1.4E-09
976	556151, 3777234.88	0.00012234	2.69833E-07	8.1E-08	1.8E-10	1.3E-09	6.7E-11	1.3E-09
977	556144.93, 3777179.58	0.000101517	2.51186E-07	6.7E-08	1.7E-10	1.1E-09	6.3E-11	1.1E-09
978	556205.18, 3777236.46	0.000149713	3.19099E-07	9.9E-08	2.1E-10	1.6E-09	8.0E-11	1.6E-09
979	556218, 3777200.04	0.000139292	3.17676E-07	9.2E-08	2.1E-10	1.4E-09	7.9E-11	1.5E-09
980	556774.37, 3777347.57	0.001441067	2.80032E-06	9.5E-07	1.9E-09	1.5E-08	7.0E-10	1.6E-08

Residential DOSEair =	**(Cair*(BR/BW)*A*EF*10^{-6})**	
A	1	Inhalation absorption factor[1]
EF	0.68	Exposure frequency (350/year)[2]
WAF	4.2	Worker Adjustment Factor[10]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =		**DOSEair * CPF * ASF * ED/AT * FAH**
CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	**BR/BW**	**ASF**	**FAH**	**ED (Const)**	**ED (Ops)**
Worker	230	1	1	1	25
Worker (Combined)	230	1	1	1	24

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/yea
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Worker Risk - Fueling

Discrete Receptor ID	Concentration [ug/m^3] Operations	Worker Dose	Worker Risk
X, Y	Total	Operations	Operations
1 556521.71, 3777341.57	1.60E-03	1.1E-06	3.6E-08
2 556539.9, 3777344.94	1.76E-03	1.2E-06	4.0E-08
3 556591.78, 3777345.39	2.38E-03	1.6E-06	5.4E-08
4 556630.62, 3777349.66	3.01E-03	2.0E-06	6.8E-08
5 556684.29, 3777349.43	4.21E-03	2.8E-06	9.5E-08
6 556905.58, 3777351.19	4.70E-03	3.1E-06	1.1E-07
7 556920.93, 3777350.82	4.33E-03	2.9E-06	9.8E-08
8 556942.87, 3777350.09	3.82E-03	2.5E-06	8.7E-08
9 556996.26, 3777348.26	2.90E-03	1.9E-06	6.6E-08
10 557096.81, 3777357.77	1.85E-03	1.2E-06	4.2E-08
11 557115.83, 3777363.62	1.69E-03	1.1E-06	3.8E-08
12 557129.36, 3777361.43	1.64E-03	1.1E-06	3.7E-08
13 557230.65, 3777363.99	1.19E-03	7.9E-07	2.7E-08
14 556466.22, 3776816.07	1.71E-04	1.1E-07	3.9E-09
15 556407.87, 3776826.19	1.59E-04	1.1E-07	3.6E-09
16 556381.07, 3776807.14	1.44E-04	9.5E-08	3.3E-09
17 556404.29, 3776771.52	1.34E-04	8.9E-08	3.1E-09
18 556465.21, 3776739.51	1.45E-04	9.6E-08	3.3E-09
19 556396.1, 3776739.93	1.23E-04	8.2E-08	2.8E-09
20 556323.99, 3777265.43	5.94E-04	3.9E-07	1.3E-08
21 556330.6, 3777233.99	5.57E-04	3.7E-07	1.3E-08
22 556321.08, 3777200.43	4.79E-04	3.2E-07	1.1E-08
23 556275.11, 3777267.81	4.98E-04	3.3E-07	1.1E-08
24 556278.28, 3777233.46	4.60E-04	3.0E-07	1.0E-08
25 556509.4, 3777373.38	1.44E-03	9.5E-07	3.3E-08
26 556529.4, 3777373.38	1.59E-03	1.0E-06	3.6E-08
27 556549.4, 3777373.38	1.76E-03	1.2E-06	4.0E-08
28 556569.4, 3777373.38	1.95E-03	1.3E-06	4.4E-08
29 556589.4, 3777373.38	2.18E-03	1.4E-06	4.9E-08
30 556609.4, 3777373.38	2.44E-03	1.6E-06	5.5E-08
31 556629.4, 3777373.38	2.74E-03	1.8E-06	6.2E-08
32 556649.4, 3777373.38	3.06E-03	2.0E-06	6.9E-08
33 556669.4, 3777373.38	3.39E-03	2.2E-06	7.7E-08
34 556689.4, 3777373.38	3.69E-03	2.4E-06	8.4E-08
35 556709.4, 3777373.38	3.94E-03	2.6E-06	8.9E-08
36 556729.4, 3777373.38	4.08E-03	2.7E-06	9.3E-08
37 556749.4, 3777373.38	4.14E-03	2.7E-06	9.4E-08
38 556769.4, 3777373.38	4.14E-03	2.7E-06	9.4E-08
39 556789.4, 3777373.38	4.16E-03	2.8E-06	9.4E-08
40 556809.4, 3777373.38	4.22E-03	2.8E-06	9.6E-08
41 556829.4, 3777373.38	4.30E-03	2.8E-06	9.7E-08
42 556849.4, 3777373.38	4.33E-03	2.9E-06	9.8E-08
43 556869.4, 3777373.38	4.27E-03	2.8E-06	9.7E-08
44 556889.4, 3777373.38	4.07E-03	2.7E-06	9.2E-08
45 556909.4, 3777373.38	3.78E-03	2.5E-06	8.6E-08
46 556929.4, 3777373.38	3.44E-03	2.3E-06	7.8E-08
47 556949.4, 3777373.38	3.09E-03	2.0E-06	7.0E-08
48 556969.4, 3777373.38	2.78E-03	1.8E-06	6.3E-08
49 556989.4, 3777373.38	2.51E-03	1.7E-06	5.7E-08
50 557009.4, 3777373.38	2.29E-03	1.5E-06	5.2E-08
51 557029.4, 3777373.38	2.11E-03	1.4E-06	4.8E-08
52 557049.4, 3777373.38	1.97E-03	1.3E-06	4.5E-08
53 557069.4, 3777373.38	1.84E-03	1.2E-06	4.2E-08
54 557089.4, 3777373.38	1.73E-03	1.1E-06	3.9E-08
55 557109.4, 3777373.38	1.63E-03	1.1E-06	3.7E-08
56 557129.4, 3777373.38	1.53E-03	1.0E-06	3.5E-08
57 557149.4, 3777373.38	1.45E-03	9.6E-07	3.3E-08
58 557169.4, 3777373.38	1.37E-03	9.0E-07	3.1E-08
59 557189.4, 3777373.38	1.29E-03	8.6E-07	2.9E-08
60 557209.4, 3777373.38	1.22E-03	8.1E-07	2.8E-08
61 557229.4, 3777373.38	1.16E-03	7.7E-07	2.6E-08
62 557249.4, 3777373.38	1.09E-03	7.2E-07	2.5E-08
63 557269.4, 3777373.38	1.03E-03	6.8E-07	2.3E-08
64 557289.4, 3777373.38	9.80E-04	6.5E-07	2.2E-08
65 557309.4, 3777373.38	9.30E-04	6.2E-07	2.1E-08
66 557329.4, 3777373.38	8.82E-04	5.8E-07	2.0E-08
67 557349.4, 3777373.38	8.38E-04	5.5E-07	1.9E-08
68 557369.4, 3777373.38	7.96E-04	5.3E-07	1.8E-08
69 557389.4, 3777373.38	7.58E-04	5.0E-07	1.7E-08
70 557409.4, 3777373.38	7.21E-04	4.8E-07	1.6E-08
71 557429.4, 3777373.38	6.87E-04	4.5E-07	1.6E-08
72 557449.4, 3777373.38	6.55E-04	4.3E-07	1.5E-08
73 557469.4, 3777373.38	6.25E-04	4.1E-07	1.4E-08
74 557489.4, 3777373.38	5.96E-04	3.9E-07	1.4E-08

75	556509.4, 3777393.38	1.39E-03	9.2E-07	3.2E-08
76	556529.4, 3777393.38	1.53E-03	1.0E-06	3.5E-08
77	556549.4, 3777393.38	1.68E-03	1.1E-06	3.8E-08
78	556569.4, 3777393.38	1.86E-03	1.2E-06	4.2E-08
79	556589.4, 3777393.38	2.07E-03	1.4E-06	4.7E-08
80	556609.4, 3777393.38	2.29E-03	1.5E-06	5.2E-08
81	556629.4, 3777393.38	2.54E-03	1.7E-06	5.8E-08
82	556649.4, 3777393.38	2.78E-03	1.8E-06	6.3E-08
83	556669.4, 3777393.38	3.02E-03	2.0E-06	6.8E-08
84	556689.4, 3777393.38	3.21E-03	2.1E-06	7.3E-08
85	556709.4, 3777393.38	3.34E-03	2.2E-06	7.6E-08
86	556729.4, 3777393.38	3.40E-03	2.3E-06	7.7E-08
87	556749.4, 3777393.38	3.41E-03	2.3E-06	7.7E-08
88	556769.4, 3777393.38	3.41E-03	2.3E-06	7.7E-08
89	556789.4, 3777393.38	3.42E-03	2.3E-06	7.8E-08
90	556809.4, 3777393.38	3.48E-03	2.3E-06	7.9E-08
91	556829.4, 3777393.38	3.54E-03	2.3E-06	8.0E-08
92	556849.4, 3777393.38	3.57E-03	2.4E-06	8.1E-08
93	556869.4, 3777393.38	3.53E-03	2.3E-06	8.0E-08
94	556889.4, 3777393.38	3.41E-03	2.3E-06	7.7E-08
95	556909.4, 3777393.38	3.21E-03	2.1E-06	7.3E-08
96	556929.4, 3777393.38	2.97E-03	2.0E-06	6.7E-08
97	556949.4, 3777393.38	2.70E-03	1.8E-06	6.1E-08
98	556969.4, 3777393.38	2.44E-03	1.6E-06	5.5E-08
99	556989.4, 3777393.38	2.22E-03	1.5E-06	5.0E-08
100	557009.4, 3777393.38	2.03E-03	1.3E-06	4.6E-08
101	557029.4, 3777393.38	1.87E-03	1.2E-06	4.2E-08
102	557049.4, 3777393.38	1.74E-03	1.2E-06	4.0E-08
103	557069.4, 3777393.38	1.63E-03	1.1E-06	3.7E-08
104	557089.4, 3777393.38	1.54E-03	1.0E-06	3.5E-08
105	557109.4, 3777393.38	1.46E-03	9.6E-07	3.3E-08
106	557129.4, 3777393.38	1.38E-03	9.1E-07	3.1E-08
107	557149.4, 3777393.38	1.31E-03	8.7E-07	3.0E-08
108	557169.4, 3777393.38	1.24E-03	8.2E-07	2.8E-08
109	557189.4, 3777393.38	1.18E-03	7.8E-07	2.7E-08
110	557209.4, 3777393.38	1.12E-03	7.4E-07	2.6E-08
111	557229.4, 3777393.38	1.07E-03	7.1E-07	2.4E-08
112	557249.4, 3777393.38	1.02E-03	6.7E-07	2.3E-08
113	557269.4, 3777393.38	9.67E-04	6.4E-07	2.2E-08
114	557289.4, 3777393.38	9.20E-04	6.1E-07	2.1E-08
115	557309.4, 3777393.38	8.75E-04	5.8E-07	2.0E-08
116	557329.4, 3777393.38	8.34E-04	5.5E-07	1.9E-08
117	557349.4, 3777393.38	7.95E-04	5.3E-07	1.8E-08
118	557369.4, 3777393.38	7.59E-04	5.0E-07	1.7E-08
119	557389.4, 3777393.38	7.24E-04	4.8E-07	1.6E-08
120	557409.4, 3777393.38	6.91E-04	4.6E-07	1.6E-08
121	557429.4, 3777393.38	6.60E-04	4.4E-07	1.5E-08
122	557449.4, 3777393.38	6.32E-04	4.2E-07	1.4E-08
123	557469.4, 3777393.38	6.04E-04	4.0E-07	1.4E-08
124	557489.4, 3777393.38	5.77E-04	3.8E-07	1.3E-08
125	556509.4, 3777413.38	1.34E-03	8.9E-07	3.0E-08
126	556529.4, 3777413.38	1.47E-03	9.7E-07	3.3E-08
127	556549.4, 3777413.38	1.61E-03	1.1E-06	3.7E-08
128	556569.4, 3777413.38	1.77E-03	1.2E-06	4.0E-08
129	556589.4, 3777413.38	1.95E-03	1.3E-06	4.4E-08
130	556609.4, 3777413.38	2.14E-03	1.4E-06	4.9E-08
131	556629.4, 3777413.38	2.34E-03	1.5E-06	5.3E-08
132	556649.4, 3777413.38	2.52E-03	1.7E-06	5.7E-08
133	556669.4, 3777413.38	2.68E-03	1.8E-06	6.1E-08
134	556689.4, 3777413.38	2.79E-03	1.8E-06	6.3E-08
135	556709.4, 3777413.38	2.85E-03	1.9E-06	6.5E-08
136	556729.4, 3777413.38	2.87E-03	1.9E-06	6.5E-08
137	556749.4, 3777413.38	2.86E-03	1.9E-06	6.5E-08
138	556769.4, 3777413.38	2.86E-03	1.9E-06	6.5E-08
139	556789.4, 3777413.38	2.88E-03	1.9E-06	6.5E-08
140	556809.4, 3777413.38	2.93E-03	1.9E-06	6.7E-08
141	556829.4, 3777413.38	2.98E-03	2.0E-06	6.8E-08
142	556849.4, 3777413.38	3.00E-03	2.0E-06	6.8E-08
143	556869.4, 3777413.38	2.99E-03	2.0E-06	6.8E-08
144	556889.4, 3777413.38	2.90E-03	1.9E-06	6.6E-08
145	556909.4, 3777413.38	2.77E-03	1.8E-06	6.3E-08
146	556929.4, 3777413.38	2.59E-03	1.7E-06	5.9E-08
147	556949.4, 3777413.38	2.38E-03	1.6E-06	5.4E-08
148	556969.4, 3777413.38	2.17E-03	1.4E-06	4.9E-08
149	556989.4, 3777413.38	1.98E-03	1.3E-06	4.5E-08
150	557009.4, 3777413.38	1.82E-03	1.2E-06	4.1E-08
151	557029.4, 3777413.38	1.68E-03	1.1E-06	3.8E-08
152	557049.4, 3777413.38	1.56E-03	1.0E-06	3.5E-08
153	557069.4, 3777413.38	1.47E-03	9.7E-07	3.3E-08
154	557089.4, 3777413.38	1.38E-03	9.2E-07	3.1E-08
155	557109.4, 3777413.38	1.31E-03	8.7E-07	3.0E-08
156	557129.4, 3777413.38	1.25E-03	8.2E-07	2.8E-08
157	557149.4, 3777413.38	1.19E-03	7.9E-07	2.7E-08

158	557169.4, 3777413.38	1.13E-03	7.5E-07	2.6E-08
159	557189.4, 3777413.38	1.08E-03	7.2E-07	2.5E-08
160	557209.4, 3777413.38	1.03E-03	6.8E-07	2.3E-08
161	557229.4, 3777413.38	9.87E-04	6.5E-07	2.2E-08
162	557249.4, 3777413.38	9.43E-04	6.2E-07	2.1E-08
163	557269.4, 3777413.38	9.01E-04	6.0E-07	2.0E-08
164	557289.4, 3777413.38	8.61E-04	5.7E-07	2.0E-08
165	557309.4, 3777413.38	8.23E-04	5.4E-07	1.9E-08
166	557329.4, 3777413.38	7.86E-04	5.2E-07	1.8E-08
167	557349.4, 3777413.38	7.53E-04	5.0E-07	1.7E-08
168	557369.4, 3777413.38	7.20E-04	4.8E-07	1.6E-08
169	557389.4, 3777413.38	6.90E-04	4.6E-07	1.6E-08
170	557409.4, 3777413.38	6.61E-04	4.4E-07	1.5E-08
171	557429.4, 3777413.38	6.32E-04	4.2E-07	1.4E-08
172	557449.4, 3777413.38	6.06E-04	4.0E-07	1.4E-08
173	557469.4, 3777413.38	5.82E-04	3.8E-07	1.3E-08
174	557489.4, 3777413.38	5.58E-04	3.7E-07	1.3E-08
175	556509.4, 3777433.38	1.29E-03	8.5E-07	2.9E-08
176	556529.4, 3777433.38	1.41E-03	9.3E-07	3.2E-08
177	556549.4, 3777433.38	1.54E-03	1.0E-06	3.5E-08
178	556569.4, 3777433.38	1.68E-03	1.1E-06	3.8E-08
179	556589.4, 3777433.38	1.83E-03	1.2E-06	4.2E-08
180	556609.4, 3777433.38	1.99E-03	1.3E-06	4.5E-08
181	556629.4, 3777433.38	2.14E-03	1.4E-06	4.9E-08
182	556649.4, 3777433.38	2.27E-03	1.5E-06	5.2E-08
183	556669.4, 3777433.38	2.37E-03	1.6E-06	5.4E-08
184	556689.4, 3777433.38	2.43E-03	1.6E-06	5.5E-08
185	556709.4, 3777433.38	2.45E-03	1.6E-06	5.6E-08
186	556729.4, 3777433.38	2.45E-03	1.6E-06	5.5E-08
187	556749.4, 3777433.38	2.43E-03	1.6E-06	5.5E-08
188	556769.4, 3777433.38	2.44E-03	1.6E-06	5.5E-08
189	556789.4, 3777433.38	2.46E-03	1.6E-06	5.6E-08
190	556809.4, 3777433.38	2.51E-03	1.7E-06	5.7E-08
191	556829.4, 3777433.38	2.55E-03	1.7E-06	5.8E-08
192	556849.4, 3777433.38	2.56E-03	1.7E-06	5.8E-08
193	556869.4, 3777433.38	2.55E-03	1.7E-06	5.8E-08
194	556889.4, 3777433.38	2.50E-03	1.7E-06	5.7E-08
195	556909.4, 3777433.38	2.41E-03	1.6E-06	5.5E-08
196	556929.4, 3777433.38	2.27E-03	1.5E-06	5.2E-08
197	556949.4, 3777433.38	2.12E-03	1.4E-06	4.8E-08
198	556969.4, 3777433.38	1.95E-03	1.3E-06	4.4E-08
199	556989.4, 3777433.38	1.79E-03	1.2E-06	4.1E-08
200	557009.4, 3777433.38	1.65E-03	1.1E-06	3.7E-08
201	557029.4, 3777433.38	1.52E-03	1.0E-06	3.5E-08
202	557049.4, 3777433.38	1.42E-03	9.4E-07	3.2E-08
203	557069.4, 3777433.38	1.33E-03	8.8E-07	3.0E-08
204	557089.4, 3777433.38	1.25E-03	8.3E-07	2.8E-08
205	557109.4, 3777433.38	1.19E-03	7.9E-07	2.7E-08
206	557129.4, 3777433.38	1.13E-03	7.5E-07	2.6E-08
207	557149.4, 3777433.38	1.08E-03	7.2E-07	2.5E-08
208	557169.4, 3777433.38	1.03E-03	6.8E-07	2.3E-08
209	557189.4, 3777433.38	9.90E-04	6.6E-07	2.2E-08
210	557209.4, 3777433.38	9.50E-04	6.3E-07	2.2E-08
211	557229.4, 3777433.38	9.10E-04	6.0E-07	2.1E-08
212	557249.4, 3777433.38	8.74E-04	5.8E-07	2.0E-08
213	557269.4, 3777433.38	8.38E-04	5.5E-07	1.9E-08
214	557289.4, 3777433.38	8.03E-04	5.3E-07	1.8E-08
215	557309.4, 3777433.38	7.72E-04	5.1E-07	1.8E-08
216	557329.4, 3777433.38	7.40E-04	4.9E-07	1.7E-08
217	557349.4, 3777433.38	7.09E-04	4.7E-07	1.6E-08
218	557369.4, 3777433.38	6.80E-04	4.5E-07	1.5E-08
219	557389.4, 3777433.38	6.55E-04	4.3E-07	1.5E-08
220	557409.4, 3777433.38	6.30E-04	4.2E-07	1.4E-08
221	557429.4, 3777433.38	6.04E-04	4.0E-07	1.4E-08
222	557449.4, 3777433.38	5.80E-04	3.8E-07	1.3E-08
223	557469.4, 3777433.38	5.58E-04	3.7E-07	1.3E-08
224	557489.4, 3777433.38	5.37E-04	3.5E-07	1.2E-08
225	556509.4, 3777453.38	1.24E-03	8.2E-07	2.8E-08
226	556529.4, 3777453.38	1.35E-03	8.9E-07	3.1E-08
227	556549.4, 3777453.38	1.47E-03	9.7E-07	3.3E-08
228	556569.4, 3777453.38	1.59E-03	1.1E-06	3.6E-08
229	556589.4, 3777453.38	1.72E-03	1.1E-06	3.9E-08
230	556609.4, 3777453.38	1.84E-03	1.2E-06	4.2E-08
231	556629.4, 3777453.38	1.95E-03	1.3E-06	4.4E-08
232	556649.4, 3777453.38	2.04E-03	1.3E-06	4.6E-08
233	556669.4, 3777453.38	2.09E-03	1.4E-06	4.8E-08
234	556689.4, 3777453.38	2.12E-03	1.4E-06	4.8E-08
235	556709.4, 3777453.38	2.12E-03	1.4E-06	4.8E-08
236	556729.4, 3777453.38	2.11E-03	1.4E-06	4.8E-08
237	556749.4, 3777453.38	2.10E-03	1.4E-06	4.8E-08
238	556769.4, 3777453.38	2.11E-03	1.4E-06	4.8E-08
239	556789.4, 3777453.38	2.14E-03	1.4E-06	4.8E-08
240	556809.4, 3777453.38	2.17E-03	1.4E-06	4.9E-08

241	556829.4, 3777453.38	2.21E-03	1.5E-06	5.0E-08
242	556849.4, 3777453.38	2.22E-03	1.5E-06	5.0E-08
243	556869.4, 3777453.38	2.22E-03	1.5E-06	5.0E-08
244	556889.4, 3777453.38	2.18E-03	1.4E-06	4.9E-08
245	556909.4, 3777453.38	2.11E-03	1.4E-06	4.8E-08
246	556929.4, 3777453.38	2.01E-03	1.3E-06	4.6E-08
247	556949.4, 3777453.38	1.89E-03	1.2E-06	4.3E-08
248	556969.4, 3777453.38	1.76E-03	1.2E-06	4.0E-08
249	556989.4, 3777453.38	1.62E-03	1.1E-06	3.7E-08
250	557009.4, 3777453.38	1.50E-03	9.9E-07	3.4E-08
251	557029.4, 3777453.38	1.39E-03	9.2E-07	3.1E-08
252	557049.4, 3777453.38	1.29E-03	8.6E-07	2.9E-08
253	557069.4, 3777453.38	1.21E-03	8.0E-07	2.7E-08
254	557089.4, 3777453.38	1.14E-03	7.6E-07	2.6E-08
255	557109.4, 3777453.38	1.08E-03	7.2E-07	2.5E-08
256	557129.4, 3777453.38	1.03E-03	6.8E-07	2.3E-08
257	557149.4, 3777453.38	9.88E-04	6.5E-07	2.2E-08
258	557169.4, 3777453.38	9.45E-04	6.3E-07	2.1E-08
259	557189.4, 3777453.38	9.08E-04	6.0E-07	2.1E-08
260	557209.4, 3777453.38	8.74E-04	5.8E-07	2.0E-08
261	557229.4, 3777453.38	8.40E-04	5.6E-07	1.9E-08
262	557249.4, 3777453.38	8.09E-04	5.4E-07	1.8E-08
263	557269.4, 3777453.38	7.79E-04	5.2E-07	1.8E-08
264	557289.4, 3777453.38	7.49E-04	5.0E-07	1.7E-08
265	557309.4, 3777453.38	7.22E-04	4.8E-07	1.6E-08
266	557329.4, 3777453.38	6.95E-04	4.6E-07	1.6E-08
267	557349.4, 3777453.38	6.69E-04	4.4E-07	1.5E-08
268	557369.4, 3777453.38	6.43E-04	4.3E-07	1.5E-08
269	557389.4, 3777453.38	6.19E-04	4.1E-07	1.4E-08
270	557409.4, 3777453.38	5.98E-04	4.0E-07	1.4E-08
271	557429.4, 3777453.38	5.76E-04	3.8E-07	1.3E-08
272	557449.4, 3777453.38	5.55E-04	3.7E-07	1.3E-08
273	557469.4, 3777453.38	5.34E-04	3.5E-07	1.2E-08
274	557489.4, 3777453.38	5.14E-04	3.4E-07	1.2E-08
275	556509.4, 3777473.38	1.19E-03	7.9E-07	2.7E-08
276	556529.4, 3777473.38	1.29E-03	8.5E-07	2.9E-08
277	556549.4, 3777473.38	1.39E-03	9.2E-07	3.2E-08
278	556569.4, 3777473.38	1.50E-03	9.9E-07	3.4E-08
279	556589.4, 3777473.38	1.60E-03	1.1E-06	3.6E-08
280	556609.4, 3777473.38	1.69E-03	1.1E-06	3.8E-08
281	556629.4, 3777473.38	1.77E-03	1.2E-06	4.0E-08
282	556649.4, 3777473.38	1.82E-03	1.2E-06	4.1E-08
283	556669.4, 3777473.38	1.85E-03	1.2E-06	4.2E-08
284	556689.4, 3777473.38	1.85E-03	1.2E-06	4.2E-08
285	556709.4, 3777473.38	1.85E-03	1.2E-06	4.2E-08
286	556729.4, 3777473.38	1.84E-03	1.2E-06	4.2E-08
287	556749.4, 3777473.38	1.83E-03	1.2E-06	4.2E-08
288	556769.4, 3777473.38	1.85E-03	1.2E-06	4.2E-08
289	556789.4, 3777473.38	1.87E-03	1.2E-06	4.2E-08
290	556809.4, 3777473.38	1.90E-03	1.3E-06	4.3E-08
291	556829.4, 3777473.38	1.93E-03	1.3E-06	4.4E-08
292	556849.4, 3777473.38	1.95E-03	1.3E-06	4.4E-08
293	556869.4, 3777473.38	1.95E-03	1.3E-06	4.4E-08
294	556889.4, 3777473.38	1.92E-03	1.3E-06	4.3E-08
295	556909.4, 3777473.38	1.87E-03	1.2E-06	4.2E-08
296	556929.4, 3777473.38	1.79E-03	1.2E-06	4.1E-08
297	556949.4, 3777473.38	1.70E-03	1.1E-06	3.9E-08
298	556969.4, 3777473.38	1.59E-03	1.1E-06	3.6E-08
299	556989.4, 3777473.38	1.48E-03	9.8E-07	3.4E-08
300	557009.4, 3777473.38	1.38E-03	9.1E-07	3.1E-08
301	557029.4, 3777473.38	1.28E-03	8.4E-07	2.9E-08
302	557049.4, 3777473.38	1.19E-03	7.9E-07	2.7E-08
303	557069.4, 3777473.38	1.12E-03	7.4E-07	2.5E-08
304	557089.4, 3777473.38	1.05E-03	7.0E-07	2.4E-08
305	557109.4, 3777473.38	9.97E-04	6.6E-07	2.3E-08
306	557129.4, 3777473.38	9.49E-04	6.3E-07	2.2E-08
307	557149.4, 3777473.38	9.08E-04	6.0E-07	2.1E-08
308	557169.4, 3777473.38	8.70E-04	5.8E-07	2.0E-08
309	557189.4, 3777473.38	8.37E-04	5.5E-07	1.9E-08
310	557209.4, 3777473.38	8.06E-04	5.3E-07	1.8E-08
311	557229.4, 3777473.38	7.77E-04	5.1E-07	1.8E-08
312	557249.4, 3777473.38	7.51E-04	5.0E-07	1.7E-08
313	557269.4, 3777473.38	7.24E-04	4.8E-07	1.6E-08
314	557289.4, 3777473.38	6.99E-04	4.6E-07	1.6E-08
315	557309.4, 3777473.38	6.75E-04	4.5E-07	1.5E-08
316	557329.4, 3777473.38	6.52E-04	4.3E-07	1.5E-08
317	557349.4, 3777473.38	6.29E-04	4.2E-07	1.4E-08
318	557369.4, 3777473.38	6.08E-04	4.0E-07	1.4E-08
319	557389.4, 3777473.38	5.86E-04	3.9E-07	1.3E-08
320	557409.4, 3777473.38	5.67E-04	3.7E-07	1.3E-08
321	557429.4, 3777473.38	5.47E-04	3.6E-07	1.2E-08
322	557449.4, 3777473.38	5.29E-04	3.5E-07	1.2E-08
323	557469.4, 3777473.38	5.11E-04	3.4E-07	1.2E-08

324	557489.4, 3777473.38	4.93E-04	3.3E-07	1.1E-08
325	556509.4, 3777493.38	1.15E-03	7.6E-07	2.6E-08
326	556529.4, 3777493.38	1.23E-03	8.1E-07	2.8E-08
327	556549.4, 3777493.38	1.32E-03	8.7E-07	3.0E-08
328	556569.4, 3777493.38	1.40E-03	9.3E-07	3.2E-08
329	556589.4, 3777493.38	1.48E-03	9.8E-07	3.4E-08
330	556609.4, 3777493.38	1.55E-03	1.0E-06	3.5E-08
331	556629.4, 3777493.38	1.60E-03	1.1E-06	3.6E-08
332	556649.4, 3777493.38	1.63E-03	1.1E-06	3.7E-08
333	556669.4, 3777493.38	1.64E-03	1.1E-06	3.7E-08
334	556689.4, 3777493.38	1.63E-03	1.1E-06	3.7E-08
335	556709.4, 3777493.38	1.62E-03	1.1E-06	3.7E-08
336	556729.4, 3777493.38	1.62E-03	1.1E-06	3.7E-08
337	556749.4, 3777493.38	1.62E-03	1.1E-06	3.7E-08
338	556769.4, 3777493.38	1.64E-03	1.1E-06	3.7E-08
339	556789.4, 3777493.38	1.66E-03	1.1E-06	3.8E-08
340	556809.4, 3777493.38	1.68E-03	1.1E-06	3.8E-08
341	556829.4, 3777493.38	1.71E-03	1.1E-06	3.9E-08
342	556849.4, 3777493.38	1.72E-03	1.1E-06	3.9E-08
343	556869.4, 3777493.38	1.72E-03	1.1E-06	3.9E-08
344	556889.4, 3777493.38	1.70E-03	1.1E-06	3.9E-08
345	556909.4, 3777493.38	1.66E-03	1.1E-06	3.8E-08
346	556929.4, 3777493.38	1.61E-03	1.1E-06	3.6E-08
347	556949.4, 3777493.38	1.53E-03	1.0E-06	3.5E-08
348	556969.4, 3777493.38	1.45E-03	9.6E-07	3.3E-08
349	556989.4, 3777493.38	1.36E-03	9.0E-07	3.1E-08
350	557009.4, 3777493.38	1.27E-03	8.4E-07	2.9E-08
351	557029.4, 3777493.38	1.18E-03	7.8E-07	2.7E-08
352	557049.4, 3777493.38	1.10E-03	7.3E-07	2.5E-08
353	557069.4, 3777493.38	1.03E-03	6.8E-07	2.3E-08
354	557089.4, 3777493.38	9.73E-04	6.4E-07	2.2E-08
355	557109.4, 3777493.38	9.22E-04	6.1E-07	2.1E-08
356	557129.4, 3777493.38	8.77E-04	5.8E-07	2.0E-08
357	557149.4, 3777493.38	8.39E-04	5.6E-07	1.9E-08
358	557169.4, 3777493.38	8.05E-04	5.3E-07	1.8E-08
359	557189.4, 3777493.38	7.73E-04	5.1E-07	1.8E-08
360	557209.4, 3777493.38	7.46E-04	4.9E-07	1.7E-08
361	557229.4, 3777493.38	7.20E-04	4.8E-07	1.6E-08
362	557249.4, 3777493.38	6.96E-04	4.6E-07	1.6E-08
363	557269.4, 3777493.38	6.74E-04	4.5E-07	1.5E-08
364	557289.4, 3777493.38	6.52E-04	4.3E-07	1.5E-08
365	557309.4, 3777493.38	6.31E-04	4.2E-07	1.4E-08
366	557329.4, 3777493.38	6.11E-04	4.0E-07	1.4E-08
367	557349.4, 3777493.38	5.92E-04	3.9E-07	1.3E-08
368	557369.4, 3777493.38	5.73E-04	3.8E-07	1.3E-08
369	557389.4, 3777493.38	5.55E-04	3.7E-07	1.3E-08
370	557409.4, 3777493.38	5.37E-04	3.6E-07	1.2E-08
371	557429.4, 3777493.38	5.19E-04	3.4E-07	1.2E-08
372	557449.4, 3777493.38	5.03E-04	3.3E-07	1.1E-08
373	557469.4, 3777493.38	4.87E-04	3.2E-07	1.1E-08
374	557489.4, 3777493.38	4.71E-04	3.1E-07	1.1E-08
375	556509.4, 3777513.38	1.10E-03	7.3E-07	2.5E-08
376	556529.4, 3777513.38	1.17E-03	7.8E-07	2.7E-08
377	556549.4, 3777513.38	1.24E-03	8.2E-07	2.8E-08
378	556569.4, 3777513.38	1.31E-03	8.7E-07	3.0E-08
379	556589.4, 3777513.38	1.37E-03	9.1E-07	3.1E-08
380	556609.4, 3777513.38	1.42E-03	9.4E-07	3.2E-08
381	556629.4, 3777513.38	1.45E-03	9.6E-07	3.3E-08
382	556649.4, 3777513.38	1.46E-03	9.7E-07	3.3E-08
383	556669.4, 3777513.38	1.46E-03	9.7E-07	3.3E-08
384	556689.4, 3777513.38	1.45E-03	9.6E-07	3.3E-08
385	556709.4, 3777513.38	1.44E-03	9.5E-07	3.3E-08
386	556729.4, 3777513.38	1.44E-03	9.5E-07	3.3E-08
387	556749.4, 3777513.38	1.45E-03	9.6E-07	3.3E-08
388	556769.4, 3777513.38	1.46E-03	9.7E-07	3.3E-08
389	556789.4, 3777513.38	1.48E-03	9.8E-07	3.4E-08
390	556809.4, 3777513.38	1.50E-03	9.9E-07	3.4E-08
391	556829.4, 3777513.38	1.52E-03	1.0E-06	3.4E-08
392	556849.4, 3777513.38	1.53E-03	1.0E-06	3.5E-08
393	556869.4, 3777513.38	1.53E-03	1.0E-06	3.5E-08
394	556889.4, 3777513.38	1.52E-03	1.0E-06	3.4E-08
395	556909.4, 3777513.38	1.49E-03	9.9E-07	3.4E-08
396	556929.4, 3777513.38	1.45E-03	9.6E-07	3.3E-08
397	556949.4, 3777513.38	1.39E-03	9.2E-07	3.2E-08
398	556969.4, 3777513.38	1.32E-03	8.7E-07	3.0E-08
399	556989.4, 3777513.38	1.25E-03	8.3E-07	2.8E-08
400	557009.4, 3777513.38	1.17E-03	7.8E-07	2.7E-08
401	557029.4, 3777513.38	1.10E-03	7.3E-07	2.5E-08
402	557049.4, 3777513.38	1.03E-03	6.8E-07	2.3E-08
403	557069.4, 3777513.38	9.62E-04	6.4E-07	2.2E-08
404	557089.4, 3777513.38	9.06E-04	6.0E-07	2.1E-08
405	557109.4, 3777513.38	8.58E-04	5.7E-07	1.9E-08
406	557129.4, 3777513.38	8.16E-04	5.4E-07	1.9E-08

407	557149.4, 3777513.38	7.80E-04	5.2E-07	1.8E-08
408	557169.4, 3777513.38	7.48E-04	4.9E-07	1.7E-08
409	557189.4, 3777513.38	7.19E-04	4.8E-07	1.6E-08
410	557209.4, 3777513.38	6.94E-04	4.6E-07	1.6E-08
411	557229.4, 3777513.38	6.70E-04	4.4E-07	1.5E-08
412	557249.4, 3777513.38	6.49E-04	4.3E-07	1.5E-08
413	557269.4, 3777513.38	6.29E-04	4.2E-07	1.4E-08
414	557289.4, 3777513.38	6.09E-04	4.0E-07	1.4E-08
415	557309.4, 3777513.38	5.91E-04	3.9E-07	1.3E-08
416	557329.4, 3777513.38	5.73E-04	3.8E-07	1.3E-08
417	557349.4, 3777513.38	5.56E-04	3.7E-07	1.3E-08
418	557369.4, 3777513.38	5.39E-04	3.6E-07	1.2E-08
419	557389.4, 3777513.38	5.24E-04	3.5E-07	1.2E-08
420	557409.4, 3777513.38	5.08E-04	3.4E-07	1.2E-08
421	557429.4, 3777513.38	4.93E-04	3.3E-07	1.1E-08
422	557449.4, 3777513.38	4.78E-04	3.2E-07	1.1E-08
423	557469.4, 3777513.38	4.64E-04	3.1E-07	1.1E-08
424	557489.4, 3777513.38	4.50E-04	3.0E-07	1.0E-08
425	556509.4, 3777533.38	1.05E-03	6.9E-07	2.4E-08
426	556529.4, 3777533.38	1.11E-03	7.4E-07	2.5E-08
427	556549.4, 3777533.38	1.17E-03	7.7E-07	2.7E-08
428	556569.4, 3777533.38	1.22E-03	8.1E-07	2.8E-08
429	556589.4, 3777533.38	1.26E-03	8.4E-07	2.9E-08
430	556609.4, 3777533.38	1.29E-03	8.6E-07	2.9E-08
431	556629.4, 3777533.38	1.31E-03	8.7E-07	3.0E-08
432	556649.4, 3777533.38	1.31E-03	8.7E-07	3.0E-08
433	556669.4, 3777533.38	1.30E-03	8.6E-07	3.0E-08
434	556689.4, 3777533.38	1.29E-03	8.6E-07	2.9E-08
435	556709.4, 3777533.38	1.29E-03	8.5E-07	2.9E-08
436	556729.4, 3777533.38	1.29E-03	8.5E-07	2.9E-08
437	556749.4, 3777533.38	1.30E-03	8.6E-07	2.9E-08
438	556769.4, 3777533.38	1.31E-03	8.7E-07	3.0E-08
439	556789.4, 3777533.38	1.33E-03	8.8E-07	3.0E-08
440	556809.4, 3777533.38	1.35E-03	8.9E-07	3.1E-08
441	556829.4, 3777533.38	1.37E-03	9.0E-07	3.1E-08
442	556849.4, 3777533.38	1.37E-03	9.1E-07	3.1E-08
443	556869.4, 3777533.38	1.37E-03	9.1E-07	3.1E-08
444	556889.4, 3777533.38	1.37E-03	9.0E-07	3.1E-08
445	556909.4, 3777533.38	1.34E-03	8.9E-07	3.0E-08
446	556929.4, 3777533.38	1.31E-03	8.7E-07	3.0E-08
447	556949.4, 3777533.38	1.27E-03	8.4E-07	2.9E-08
448	556969.4, 3777533.38	1.21E-03	8.0E-07	2.7E-08
449	556989.4, 3777533.38	1.15E-03	7.6E-07	2.6E-08
450	557009.4, 3777533.38	1.09E-03	7.2E-07	2.5E-08
451	557029.4, 3777533.38	1.02E-03	6.7E-07	2.3E-08
452	557049.4, 3777533.38	9.58E-04	6.3E-07	2.2E-08
453	557069.4, 3777533.38	9.00E-04	6.0E-07	2.0E-08
454	557089.4, 3777533.38	8.48E-04	5.6E-07	1.9E-08
455	557109.4, 3777533.38	8.02E-04	5.3E-07	1.8E-08
456	557129.4, 3777533.38	7.63E-04	5.0E-07	1.7E-08
457	557149.4, 3777533.38	7.29E-04	4.8E-07	1.7E-08
458	557169.4, 3777533.38	6.98E-04	4.6E-07	1.6E-08
459	557189.4, 3777533.38	6.71E-04	4.4E-07	1.5E-08
460	557209.4, 3777533.38	6.48E-04	4.3E-07	1.5E-08
461	557229.4, 3777533.38	6.25E-04	4.1E-07	1.4E-08
462	557249.4, 3777533.38	6.06E-04	4.0E-07	1.4E-08
463	557269.4, 3777533.38	5.88E-04	3.9E-07	1.3E-08
464	557289.4, 3777533.38	5.70E-04	3.8E-07	1.3E-08
465	557309.4, 3777533.38	5.54E-04	3.7E-07	1.3E-08
466	557329.4, 3777533.38	5.39E-04	3.6E-07	1.2E-08
467	557349.4, 3777533.38	5.24E-04	3.5E-07	1.2E-08
468	557369.4, 3777533.38	5.09E-04	3.4E-07	1.2E-08
469	557389.4, 3777533.38	4.94E-04	3.3E-07	1.1E-08
470	557409.4, 3777533.38	4.81E-04	3.2E-07	1.1E-08
471	557429.4, 3777533.38	4.67E-04	3.1E-07	1.1E-08
472	557449.4, 3777533.38	4.54E-04	3.0E-07	1.0E-08
473	557469.4, 3777533.38	4.41E-04	2.9E-07	1.0E-08
474	557489.4, 3777533.38	4.28E-04	2.8E-07	9.7E-09
475	556509.4, 3777553.38	9.99E-04	6.6E-07	2.3E-08
476	556529.4, 3777553.38	1.05E-03	7.0E-07	2.4E-08
477	556549.4, 3777553.38	1.10E-03	7.3E-07	2.5E-08
478	556569.4, 3777553.38	1.14E-03	7.5E-07	2.6E-08
479	556589.4, 3777553.38	1.16E-03	7.7E-07	2.6E-08
480	556609.4, 3777553.38	1.18E-03	7.8E-07	2.7E-08
481	556629.4, 3777553.38	1.19E-03	7.8E-07	2.7E-08
482	556649.4, 3777553.38	1.18E-03	7.8E-07	2.7E-08
483	556669.4, 3777553.38	1.17E-03	7.7E-07	2.7E-08
484	556689.4, 3777553.38	1.16E-03	7.7E-07	2.6E-08
485	556709.4, 3777553.38	1.16E-03	7.7E-07	2.6E-08
486	556729.4, 3777553.38	1.17E-03	7.7E-07	2.6E-08
487	556749.4, 3777553.38	1.17E-03	7.8E-07	2.7E-08
488	556769.4, 3777553.38	1.19E-03	7.9E-07	2.7E-08
489	556789.4, 3777553.38	1.21E-03	8.0E-07	2.7E-08

490	556809.4, 3777553.38	1.22E-03	8.1E-07	2.8E-08
491	556829.4, 3777553.38	1.23E-03	8.2E-07	2.8E-08
492	556849.4, 3777553.38	1.24E-03	8.2E-07	2.8E-08
493	556869.4, 3777553.38	1.24E-03	8.2E-07	2.8E-08
494	556889.4, 3777553.38	1.23E-03	8.2E-07	2.8E-08
495	556909.4, 3777553.38	1.22E-03	8.1E-07	2.8E-08
496	556929.4, 3777553.38	1.19E-03	7.9E-07	2.7E-08
497	556949.4, 3777553.38	1.16E-03	7.7E-07	2.6E-08
498	556969.4, 3777553.38	1.11E-03	7.4E-07	2.5E-08
499	556989.4, 3777553.38	1.06E-03	7.0E-07	2.4E-08
500	557009.4, 3777553.38	1.01E-03	6.7E-07	2.3E-08
501	557029.4, 3777553.38	9.50E-04	6.3E-07	2.2E-08
502	557049.4, 3777553.38	8.96E-04	5.9E-07	2.0E-08
503	557069.4, 3777553.38	8.44E-04	5.6E-07	1.9E-08
504	557089.4, 3777553.38	7.96E-04	5.3E-07	1.8E-08
505	557109.4, 3777553.38	7.53E-04	5.0E-07	1.7E-08
506	557129.4, 3777553.38	7.16E-04	4.7E-07	1.6E-08
507	557149.4, 3777553.38	6.83E-04	4.5E-07	1.5E-08
508	557169.4, 3777553.38	6.54E-04	4.3E-07	1.5E-08
509	557189.4, 3777553.38	6.29E-04	4.2E-07	1.4E-08
510	557209.4, 3777553.38	6.06E-04	4.0E-07	1.4E-08
511	557229.4, 3777553.38	5.86E-04	3.9E-07	1.3E-08
512	557249.4, 3777553.38	5.67E-04	3.8E-07	1.3E-08
513	557269.4, 3777553.38	5.50E-04	3.6E-07	1.2E-08
514	557289.4, 3777553.38	5.35E-04	3.5E-07	1.2E-08
515	557309.4, 3777553.38	5.20E-04	3.4E-07	1.2E-08
516	557329.4, 3777553.38	5.06E-04	3.3E-07	1.1E-08
517	557349.4, 3777553.38	4.93E-04	3.3E-07	1.1E-08
518	557369.4, 3777553.38	4.80E-04	3.2E-07	1.1E-08
519	557389.4, 3777553.38	4.67E-04	3.1E-07	1.1E-08
520	557409.4, 3777553.38	4.55E-04	3.0E-07	1.0E-08
521	557429.4, 3777553.38	4.43E-04	2.9E-07	1.0E-08
522	557449.4, 3777553.38	4.31E-04	2.9E-07	9.8E-09
523	557469.4, 3777553.38	4.20E-04	2.8E-07	9.5E-09
524	557489.4, 3777553.38	4.08E-04	2.7E-07	9.3E-09
525	557438.91, 3777336.71	7.12E-04	4.7E-07	1.6E-08
526	556615.91, 3777136.99	1.42E-03	9.4E-07	3.2E-08
527	556586.37, 3777056.16	6.94E-04	4.6E-07	1.6E-08
528	556672.35, 3776929.14	5.42E-04	3.6E-07	1.2E-08
529	556692.35, 3776929.14	5.96E-04	3.9E-07	1.4E-08
530	556712.35, 3776929.14	6.59E-04	4.4E-07	1.5E-08
531	556732.35, 3776929.14	7.34E-04	4.9E-07	1.7E-08
532	556752.35, 3776929.14	8.34E-04	5.5E-07	1.9E-08
533	556772.35, 3776929.14	9.66E-04	6.4E-07	2.2E-08
534	556792.35, 3776929.14	1.16E-03	7.7E-07	2.6E-08
535	556812.35, 3776929.14	1.45E-03	9.6E-07	3.3E-08
536	556832.35, 3776929.14	1.85E-03	1.2E-06	4.2E-08
537	556852.35, 3776929.14	2.40E-03	1.6E-06	5.4E-08
538	556672.35, 3776949.14	5.88E-04	3.9E-07	1.3E-08
539	556692.35, 3776949.14	6.50E-04	4.3E-07	1.5E-08
540	556712.35, 3776949.14	7.22E-04	4.8E-07	1.6E-08
541	556732.35, 3776949.14	8.09E-04	5.4E-07	1.8E-08
542	556752.35, 3776949.14	9.21E-04	6.1E-07	2.1E-08
543	556772.35, 3776949.14	1.08E-03	7.1E-07	2.4E-08
544	556792.35, 3776949.14	1.31E-03	8.7E-07	3.0E-08
545	556812.35, 3776949.14	1.66E-03	1.1E-06	3.8E-08
546	556832.35, 3776949.14	2.17E-03	1.4E-06	4.9E-08
547	556852.35, 3776949.14	2.86E-03	1.9E-06	6.5E-08
548	556672.35, 3776969.14	6.41E-04	4.2E-07	1.5E-08
549	556692.35, 3776969.14	7.12E-04	4.7E-07	1.6E-08
550	556712.35, 3776969.14	7.97E-04	5.3E-07	1.8E-08
551	556732.35, 3776969.14	8.99E-04	5.9E-07	2.0E-08
552	556752.35, 3776969.14	1.03E-03	6.8E-07	2.3E-08
553	556772.35, 3776969.14	1.21E-03	8.0E-07	2.8E-08
554	556792.35, 3776969.14	1.50E-03	9.9E-07	3.4E-08
555	556812.35, 3776969.14	1.93E-03	1.3E-06	4.4E-08
556	556832.35, 3776969.14	2.57E-03	1.7E-06	5.8E-08
557	556852.35, 3776969.14	3.46E-03	2.3E-06	7.8E-08
558	556672.35, 3776989.14	7.03E-04	4.7E-07	1.6E-08
559	556692.35, 3776989.14	7.84E-04	5.2E-07	1.8E-08
560	556712.35, 3776989.14	8.83E-04	5.8E-07	2.0E-08
561	556732.35, 3776989.14	1.00E-03	6.6E-07	2.3E-08
562	556752.35, 3776989.14	1.16E-03	7.7E-07	2.6E-08
563	556772.35, 3776989.14	1.38E-03	9.1E-07	3.1E-08
564	556792.35, 3776989.14	1.72E-03	1.1E-06	3.9E-08
565	556812.35, 3776989.14	2.27E-03	1.5E-06	5.1E-08
566	556832.35, 3776989.14	3.10E-03	2.1E-06	7.0E-08
567	556852.35, 3776989.14	4.25E-03	2.8E-06	9.6E-08
568	556672.35, 3777009.14	7.79E-04	5.2E-07	1.8E-08
569	556692.35, 3777009.14	8.71E-04	5.8E-07	2.0E-08
570	556712.35, 3777009.14	9.87E-04	6.5E-07	2.2E-08
571	556732.35, 3777009.14	1.13E-03	7.5E-07	2.6E-08
572	556752.35, 3777009.14	1.32E-03	8.7E-07	3.0E-08

573	556772.35, 3777009.14	1.58E-03	1.0E-06	3.6E-08
574	556792.35, 3777009.14	2.01E-03	1.3E-06	4.6E-08
575	556812.35, 3777009.14	2.70E-03	1.8E-06	6.1E-08
576	556832.35, 3777009.14	3.80E-03	2.5E-06	8.6E-08
577	556852.35, 3777009.14	5.35E-03	3.5E-06	1.2E-07
578	556672.35, 3777029.14	8.75E-04	5.8E-07	2.0E-08
579	556692.35, 3777029.14	9.80E-04	6.5E-07	2.2E-08
580	556712.35, 3777029.14	1.11E-03	7.4E-07	2.5E-08
581	556732.35, 3777029.14	1.28E-03	8.5E-07	2.9E-08
582	556752.35, 3777029.14	1.51E-03	1.0E-06	3.4E-08
583	556772.35, 3777029.14	1.83E-03	1.2E-06	4.2E-08
584	556792.35, 3777029.14	2.37E-03	1.6E-06	5.4E-08
585	556812.35, 3777029.14	3.29E-03	2.2E-06	7.5E-08
586	556832.35, 3777029.14	4.79E-03	3.2E-06	1.1E-07
587	556852.35, 3777029.14	6.89E-03	4.6E-06	1.6E-07
588	556672.35, 3777049.14	9.99E-04	6.6E-07	2.3E-08
589	556692.35, 3777049.14	1.12E-03	7.4E-07	2.5E-08
590	556712.35, 3777049.14	1.28E-03	8.5E-07	2.9E-08
591	556732.35, 3777049.14	1.48E-03	9.8E-07	3.4E-08
592	556752.35, 3777049.14	1.75E-03	1.2E-06	4.0E-08
593	556772.35, 3777049.14	2.16E-03	1.4E-06	4.9E-08
594	556792.35, 3777049.14	2.84E-03	1.9E-06	6.4E-08
595	556812.35, 3777049.14	4.09E-03	2.7E-06	9.3E-08
596	556832.35, 3777049.14	6.21E-03	4.1E-06	1.4E-07
597	556852.35, 3777049.14	9.17E-03	6.1E-06	2.1E-07
598	556927.54, 3776959.53	6.43E-03	4.3E-06	1.5E-07
599	556947.54, 3776959.53	6.57E-03	4.3E-06	1.5E-07
600	556967.54, 3776959.53	6.28E-03	4.2E-06	1.4E-07
601	556987.54, 3776959.53	5.70E-03	3.8E-06	1.3E-07
602	557007.54, 3776959.53	5.01E-03	3.3E-06	1.1E-07
603	557027.54, 3776959.53	4.33E-03	2.9E-06	9.8E-08
604	557047.54, 3776959.53	3.74E-03	2.5E-06	8.5E-08
605	557067.54, 3776959.53	3.27E-03	2.2E-06	7.4E-08
606	557087.54, 3776959.53	2.91E-03	1.9E-06	6.6E-08
607	556927.54, 3776979.53	7.59E-03	5.0E-06	1.7E-07
608	556947.54, 3776979.53	7.51E-03	5.0E-06	1.7E-07
609	556967.54, 3776979.53	6.95E-03	4.6E-06	1.6E-07
610	556987.54, 3776979.53	6.13E-03	4.1E-06	1.4E-07
611	557007.54, 3776979.53	5.26E-03	3.5E-06	1.2E-07
612	557027.54, 3776979.53	4.50E-03	3.0E-06	1.0E-07
613	557047.54, 3776979.53	3.88E-03	2.6E-06	8.8E-08
614	557067.54, 3776979.53	3.41E-03	2.3E-06	7.7E-08
615	557087.54, 3776979.53	3.05E-03	2.0E-06	6.9E-08
616	556927.54, 3776999.53	8.99E-03	5.9E-06	2.0E-07
617	556947.54, 3776999.53	8.56E-03	5.7E-06	1.9E-07
618	556967.54, 3776999.53	7.63E-03	5.0E-06	1.7E-07
619	556987.54, 3776999.53	6.53E-03	4.3E-06	1.5E-07
620	557007.54, 3776999.53	5.52E-03	3.6E-06	1.3E-07
621	557027.54, 3776999.53	4.69E-03	3.1E-06	1.1E-07
622	557047.54, 3776999.53	4.06E-03	2.7E-06	9.2E-08
623	557067.54, 3776999.53	3.58E-03	2.4E-06	8.1E-08
624	557087.54, 3776999.53	3.22E-03	2.1E-06	7.3E-08
625	556927.54, 3777019.53	1.06E-02	7.0E-06	2.4E-07
626	556947.54, 3777019.53	9.69E-03	6.4E-06	2.2E-07
627	556967.54, 3777019.53	8.32E-03	5.5E-06	1.9E-07
628	556987.54, 3777019.53	6.94E-03	4.6E-06	1.6E-07
629	557007.54, 3777019.53	5.79E-03	3.8E-06	1.3E-07
630	557027.54, 3777019.53	4.93E-03	3.3E-06	1.1E-07
631	557047.54, 3777019.53	4.29E-03	2.8E-06	9.7E-08
632	557067.54, 3777019.53	3.80E-03	2.5E-06	8.6E-08
633	557087.54, 3777019.53	3.41E-03	2.3E-06	7.7E-08
634	556927.54, 3777039.53	1.25E-02	8.3E-06	2.8E-07
635	556947.54, 3777039.53	1.09E-02	7.2E-06	2.5E-07
636	556967.54, 3777039.53	9.01E-03	6.0E-06	2.0E-07
637	556987.54, 3777039.53	7.37E-03	4.9E-06	1.7E-07
638	557007.54, 3777039.53	6.13E-03	4.1E-06	1.4E-07
639	557027.54, 3777039.53	5.23E-03	3.5E-06	1.2E-07
640	557047.54, 3777039.53	4.56E-03	3.0E-06	1.0E-07
641	557067.54, 3777039.53	4.04E-03	2.7E-06	9.2E-08
642	557087.54, 3777039.53	3.61E-03	2.4E-06	8.2E-08
643	557047.54, 3777059.53	4.88E-03	3.2E-06	1.1E-07
644	557067.54, 3777059.53	4.29E-03	2.8E-06	9.7E-08
645	557087.54, 3777059.53	3.80E-03	2.5E-06	8.6E-08
646	556919.02, 3777174.93	4.36E-02	2.9E-05	9.9E-07
647	556939.02, 3777174.93	2.64E-02	1.7E-05	6.0E-07
648	556919.02, 3777194.93	4.08E-02	2.7E-05	9.3E-07
649	556939.02, 3777194.93	2.48E-02	1.6E-05	5.6E-07
650	556919.02, 3777214.93	2.98E-02	2.0E-05	6.8E-07
651	556939.02, 3777214.93	2.03E-02	1.3E-05	4.6E-07
652	556919.02, 3777234.93	2.06E-02	1.4E-05	4.7E-07
653	556939.02, 3777234.93	1.55E-02	1.0E-05	3.5E-07
654	556919.02, 3777254.93	1.43E-02	9.5E-06	3.2E-07
655	556939.02, 3777254.93	1.15E-02	7.6E-06	2.6E-07

656	557023.57, 3777171.57	7.38E-03	4.9E-06	1.7E-07
657	557043.57, 3777171.57	6.01E-03	4.0E-06	1.4E-07
658	557063.57, 3777171.57	5.01E-03	3.3E-06	1.1E-07
659	557083.57, 3777171.57	4.24E-03	2.8E-06	9.6E-08
660	557023.57, 3777191.57	7.15E-03	4.7E-06	1.6E-07
661	557043.57, 3777191.57	5.85E-03	3.9E-06	1.3E-07
662	557063.57, 3777191.57	4.88E-03	3.2E-06	1.1E-07
663	557083.57, 3777191.57	4.14E-03	2.7E-06	9.4E-08
664	557023.57, 3777211.57	6.75E-03	4.5E-06	1.5E-07
665	557043.57, 3777211.57	5.58E-03	3.7E-06	1.3E-07
666	557063.57, 3777211.57	4.69E-03	3.1E-06	1.1E-07
667	557083.57, 3777211.57	4.00E-03	2.6E-06	9.1E-08
668	557023.57, 3777231.57	6.19E-03	4.1E-06	1.4E-07
669	557043.57, 3777231.57	5.20E-03	3.4E-06	1.2E-07
670	557063.57, 3777231.57	4.43E-03	2.9E-06	1.0E-07
671	557083.57, 3777231.57	3.79E-03	2.5E-06	8.6E-08
672	557023.57, 3777251.57	5.51E-03	3.6E-06	1.3E-07
673	557043.57, 3777251.57	4.72E-03	3.1E-06	1.1E-07
674	557063.57, 3777251.57	4.09E-03	2.7E-06	9.3E-08
675	557083.57, 3777251.57	3.53E-03	2.3E-06	8.0E-08
676	556249.05, 3776972.85	1.83E-04	1.2E-07	4.2E-09
677	556269.05, 3776972.85	1.92E-04	1.3E-07	4.3E-09
678	556229.05, 3776992.85	1.85E-04	1.2E-07	4.2E-09
679	556249.05, 3776992.85	1.92E-04	1.3E-07	4.4E-09
680	556269.05, 3776992.85	2.01E-04	1.3E-07	4.6E-09
681	556289.05, 3776992.85	2.10E-04	1.4E-07	4.8E-09
682	556309.05, 3776992.85	2.21E-04	1.5E-07	5.0E-09
683	556329.05, 3776992.85	2.31E-04	1.5E-07	5.2E-09
684	556209.05, 3777012.85	1.87E-04	1.2E-07	4.2E-09
685	556229.05, 3777012.85	1.94E-04	1.3E-07	4.4E-09
686	556249.05, 3777012.85	2.02E-04	1.3E-07	4.6E-09
687	556269.05, 3777012.85	2.12E-04	1.4E-07	4.8E-09
688	556289.05, 3777012.85	2.22E-04	1.5E-07	5.0E-09
689	556309.05, 3777012.85	2.33E-04	1.5E-07	5.3E-09
690	556329.05, 3777012.85	2.45E-04	1.6E-07	5.6E-09
691	556209.05, 3777032.85	1.97E-04	1.3E-07	4.5E-09
692	556229.05, 3777032.85	2.05E-04	1.4E-07	4.7E-09
693	556249.05, 3777032.85	2.14E-04	1.4E-07	4.9E-09
694	556269.05, 3777032.85	2.25E-04	1.5E-07	5.1E-09
695	556289.05, 3777032.85	2.36E-04	1.6E-07	5.4E-09
696	556309.05, 3777032.85	2.48E-04	1.6E-07	5.6E-09
697	556209.05, 3777052.85	2.09E-04	1.4E-07	4.7E-09
698	556229.05, 3777052.85	2.19E-04	1.4E-07	5.0E-09
699	556249.05, 3777052.85	2.29E-04	1.5E-07	5.2E-09
700	556269.05, 3777052.85	2.40E-04	1.6E-07	5.5E-09
701	556289.05, 3777052.85	2.51E-04	1.7E-07	5.7E-09
702	556309.05, 3777052.85	2.65E-04	1.8E-07	6.0E-09
703	556249.05, 3777072.85	2.44E-04	1.6E-07	5.5E-09
704	556269.05, 3777072.85	2.56E-04	1.7E-07	5.8E-09
705	556289.05, 3777072.85	2.70E-04	1.8E-07	6.1E-09
706	556269.05, 3777092.85	2.74E-04	1.8E-07	6.2E-09
707	556441.69, 3776927.49	2.47E-04	1.6E-07	5.6E-09
708	556461.69, 3776927.49	2.57E-04	1.7E-07	5.8E-09
709	556481.69, 3776927.49	2.65E-04	1.8E-07	6.0E-09
710	556421.69, 3776947.49	2.56E-04	1.7E-07	5.8E-09
711	556441.69, 3776947.49	2.67E-04	1.8E-07	6.1E-09
712	556461.69, 3776947.49	2.79E-04	1.8E-07	6.3E-09
713	556481.69, 3776947.49	2.90E-04	1.9E-07	6.6E-09
714	556401.69, 3776967.49	2.60E-04	1.7E-07	5.9E-09
715	556421.69, 3776967.49	2.74E-04	1.8E-07	6.2E-09
716	556441.69, 3776967.49	2.87E-04	1.9E-07	6.5E-09
717	556461.69, 3776967.49	3.01E-04	2.0E-07	6.8E-09
718	556481.69, 3776967.49	3.16E-04	2.1E-07	7.2E-09
719	556401.69, 3776987.49	2.75E-04	1.8E-07	6.2E-09
720	556421.69, 3776987.49	2.90E-04	1.9E-07	6.6E-09
721	556441.69, 3776987.49	3.07E-04	2.0E-07	7.0E-09
722	556461.69, 3776987.49	3.25E-04	2.1E-07	7.4E-09
723	556481.69, 3776987.49	3.44E-04	2.3E-07	7.8E-09
724	556421.69, 3777007.49	3.08E-04	2.0E-07	7.0E-09
725	556441.69, 3777007.49	3.27E-04	2.2E-07	7.4E-09
726	556461.69, 3777007.49	3.48E-04	2.3E-07	7.9E-09
727	556481.69, 3777007.49	3.71E-04	2.5E-07	8.4E-09
728	556441.69, 3777027.49	3.49E-04	2.3E-07	7.9E-09
729	556461.69, 3777027.49	3.72E-04	2.5E-07	8.4E-09
730	556481.69, 3777027.49	3.99E-04	2.6E-07	9.0E-09
731	556251.24, 3777154.95	3.25E-04	2.1E-07	7.4E-09
732	556261.28, 3777141.2	3.19E-04	2.1E-07	7.2E-09
733	556264.98, 3777168.16	3.54E-04	2.3E-07	8.0E-09
734	556279.25, 3777151.77	3.49E-04	2.3E-07	7.9E-09
735	556202.6, 3777113.45	2.48E-04	1.6E-07	5.6E-09
736	556220.05, 3777109.75	2.56E-04	1.7E-07	5.8E-09
737	556187.53, 3777090.19	2.23E-04	1.5E-07	5.1E-09
738	556164.27, 3777121.38	2.32E-04	1.5E-07	5.3E-09

739	557510.26, 3776508.23	5.14E-04	3.4E-07	1.2E-08
740	557530.26, 3776508.23	4.99E-04	3.3E-07	1.1E-08
741	557550.26, 3776508.23	4.85E-04	3.2E-07	1.1E-08
742	557570.26, 3776508.23	4.71E-04	3.1E-07	1.1E-08
743	557590.26, 3776508.23	4.57E-04	3.0E-07	1.0E-08
744	557610.26, 3776508.23	4.44E-04	2.9E-07	1.0E-08
745	557630.26, 3776508.23	4.31E-04	2.9E-07	9.8E-09
746	557650.26, 3776508.23	4.18E-04	2.8E-07	9.5E-09
747	557670.26, 3776508.23	4.06E-04	2.7E-07	9.2E-09
748	557690.26, 3776508.23	3.93E-04	2.6E-07	8.9E-09
749	557510.26, 3776528.23	5.24E-04	3.5E-07	1.2E-08
750	557530.26, 3776528.23	5.08E-04	3.4E-07	1.2E-08
751	557550.26, 3776528.23	4.93E-04	3.3E-07	1.1E-08
752	557570.26, 3776528.23	4.79E-04	3.2E-07	1.1E-08
753	557590.26, 3776528.23	4.64E-04	3.1E-07	1.1E-08
754	557610.26, 3776528.23	4.50E-04	3.0E-07	1.0E-08
755	557630.26, 3776528.23	4.37E-04	2.9E-07	9.9E-09
756	557650.26, 3776528.23	4.24E-04	2.8E-07	9.6E-09
757	557670.26, 3776528.23	4.11E-04	2.7E-07	9.3E-09
758	557690.26, 3776528.23	3.98E-04	2.6E-07	9.0E-09
759	557510.26, 3776548.23	5.34E-04	3.5E-07	1.2E-08
760	557530.26, 3776548.23	5.18E-04	3.4E-07	1.2E-08
761	557550.26, 3776548.23	5.01E-04	3.3E-07	1.1E-08
762	557570.26, 3776548.23	4.86E-04	3.2E-07	1.1E-08
763	557590.26, 3776548.23	4.71E-04	3.1E-07	1.1E-08
764	557610.26, 3776548.23	4.57E-04	3.0E-07	1.0E-08
765	557630.26, 3776548.23	4.42E-04	2.9E-07	1.0E-08
766	557650.26, 3776548.23	4.29E-04	2.8E-07	9.7E-09
767	557670.26, 3776548.23	4.15E-04	2.7E-07	9.4E-09
768	557690.26, 3776548.23	4.02E-04	2.7E-07	9.1E-09
769	557510.26, 3776568.23	5.43E-04	3.6E-07	1.2E-08
770	557530.26, 3776568.23	5.26E-04	3.5E-07	1.2E-08
771	557550.26, 3776568.23	5.10E-04	3.4E-07	1.2E-08
772	557570.26, 3776568.23	4.93E-04	3.3E-07	1.1E-08
773	557590.26, 3776568.23	4.78E-04	3.2E-07	1.1E-08
774	557610.26, 3776568.23	4.62E-04	3.1E-07	1.0E-08
775	557630.26, 3776568.23	4.48E-04	3.0E-07	1.0E-08
776	557650.26, 3776568.23	4.34E-04	2.9E-07	9.8E-09
777	557670.26, 3776568.23	4.20E-04	2.8E-07	9.5E-09
778	557690.26, 3776568.23	4.07E-04	2.7E-07	9.2E-09
779	557510.26, 3776588.23	5.52E-04	3.7E-07	1.3E-08
780	557530.26, 3776588.23	5.35E-04	3.5E-07	1.2E-08
781	557550.26, 3776588.23	5.17E-04	3.4E-07	1.2E-08
782	557570.26, 3776588.23	5.00E-04	3.3E-07	1.1E-08
783	557590.26, 3776588.23	4.84E-04	3.2E-07	1.1E-08
784	557610.26, 3776588.23	4.68E-04	3.1E-07	1.1E-08
785	557630.26, 3776588.23	4.53E-04	3.0E-07	1.0E-08
786	557650.26, 3776588.23	4.39E-04	2.9E-07	1.0E-08
787	557670.26, 3776588.23	4.24E-04	2.8E-07	9.6E-09
788	557690.26, 3776588.23	4.11E-04	2.7E-07	9.3E-09
789	557510.26, 3776608.23	5.61E-04	3.7E-07	1.3E-08
790	557530.26, 3776608.23	5.43E-04	3.6E-07	1.2E-08
791	557550.26, 3776608.23	5.25E-04	3.5E-07	1.2E-08
792	557570.26, 3776608.23	5.07E-04	3.4E-07	1.2E-08
793	557590.26, 3776608.23	4.90E-04	3.2E-07	1.1E-08
794	557610.26, 3776608.23	4.74E-04	3.1E-07	1.1E-08
795	557630.26, 3776608.23	4.58E-04	3.0E-07	1.0E-08
796	557650.26, 3776608.23	4.43E-04	2.9E-07	1.0E-08
797	557670.26, 3776608.23	4.29E-04	2.8E-07	9.7E-09
798	557690.26, 3776608.23	4.15E-04	2.7E-07	9.4E-09
799	557510.26, 3776628.23	5.70E-04	3.8E-07	1.3E-08
800	557530.26, 3776628.23	5.51E-04	3.6E-07	1.2E-08
801	557550.26, 3776628.23	5.32E-04	3.5E-07	1.2E-08
802	557570.26, 3776628.23	5.14E-04	3.4E-07	1.2E-08
803	557590.26, 3776628.23	4.96E-04	3.3E-07	1.1E-08
804	557610.26, 3776628.23	4.79E-04	3.2E-07	1.1E-08
805	557630.26, 3776628.23	4.63E-04	3.1E-07	1.1E-08
806	557650.26, 3776628.23	4.48E-04	3.0E-07	1.0E-08
807	557670.26, 3776628.23	4.33E-04	2.9E-07	9.8E-09
808	557690.26, 3776628.23	4.19E-04	2.8E-07	9.5E-09
809	557510.26, 3776648.23	5.79E-04	3.8E-07	1.3E-08
810	557530.26, 3776648.23	5.58E-04	3.7E-07	1.3E-08
811	557550.26, 3776648.23	5.38E-04	3.6E-07	1.2E-08
812	557570.26, 3776648.23	5.19E-04	3.4E-07	1.2E-08
813	557590.26, 3776648.23	5.02E-04	3.3E-07	1.1E-08
814	557610.26, 3776648.23	4.84E-04	3.2E-07	1.1E-08
815	557630.26, 3776648.23	4.68E-04	3.1E-07	1.1E-08
816	557650.26, 3776648.23	4.53E-04	3.0E-07	1.0E-08
817	557670.26, 3776648.23	4.37E-04	2.9E-07	9.9E-09
818	557690.26, 3776648.23	4.23E-04	2.8E-07	9.6E-09
819	557510.26, 3776668.23	5.86E-04	3.9E-07	1.3E-08
820	557530.26, 3776668.23	5.65E-04	3.7E-07	1.3E-08
821	557550.26, 3776668.23	5.45E-04	3.6E-07	1.2E-08

822	557570.26, 3776668.23	5.25E-04	3.5E-07	1.2E-08
823	557590.26, 3776668.23	5.07E-04	3.4E-07	1.2E-08
824	557610.26, 3776668.23	4.89E-04	3.2E-07	1.1E-08
825	557630.26, 3776668.23	4.73E-04	3.1E-07	1.1E-08
826	557650.26, 3776668.23	4.57E-04	3.0E-07	1.0E-08
827	557670.26, 3776668.23	4.41E-04	2.9E-07	1.0E-08
828	557690.26, 3776668.23	4.26E-04	2.8E-07	9.7E-09
829	557510.26, 3776688.23	5.94E-04	3.9E-07	1.3E-08
830	557530.26, 3776688.23	5.72E-04	3.8E-07	1.3E-08
831	557550.26, 3776688.23	5.51E-04	3.6E-07	1.2E-08
832	557570.26, 3776688.23	5.30E-04	3.5E-07	1.2E-08
833	557590.26, 3776688.23	5.12E-04	3.4E-07	1.2E-08
834	557610.26, 3776688.23	4.93E-04	3.3E-07	1.1E-08
835	557630.26, 3776688.23	4.77E-04	3.2E-07	1.1E-08
836	557650.26, 3776688.23	4.61E-04	3.0E-07	1.0E-08
837	557670.26, 3776688.23	4.45E-04	2.9E-07	1.0E-08
838	557690.26, 3776688.23	4.30E-04	2.8E-07	9.7E-09
839	556172.49, 3776517.81	5.92E-05	3.9E-08	1.3E-09
840	556192.49, 3776517.81	6.12E-05	4.1E-08	1.4E-09
841	556212.49, 3776517.81	6.30E-05	4.2E-08	1.4E-09
842	556232.49, 3776517.81	6.51E-05	4.3E-08	1.5E-09
843	556252.49, 3776517.81	6.73E-05	4.5E-08	1.5E-09
844	556272.49, 3776517.81	6.98E-05	4.6E-08	1.6E-09
845	556292.49, 3776517.81	7.24E-05	4.8E-08	1.6E-09
846	556312.49, 3776517.81	7.50E-05	5.0E-08	1.7E-09
847	556332.49, 3776517.81	7.78E-05	5.2E-08	1.8E-09
848	556352.49, 3776517.81	8.05E-05	5.3E-08	1.8E-09
849	556372.49, 3776517.81	8.29E-05	5.5E-08	1.9E-09
850	556392.49, 3776517.81	8.62E-05	5.7E-08	2.0E-09
851	556412.49, 3776517.81	8.93E-05	5.9E-08	2.0E-09
852	556432.49, 3776517.81	9.23E-05	6.1E-08	2.1E-09
853	556452.49, 3776517.81	9.53E-05	6.3E-08	2.2E-09
854	556472.49, 3776517.81	9.90E-05	6.5E-08	2.2E-09
855	556492.49, 3776517.81	1.02E-04	6.8E-08	2.3E-09
856	556172.49, 3776537.81	6.05E-05	4.0E-08	1.4E-09
857	556192.49, 3776537.81	6.24E-05	4.1E-08	1.4E-09
858	556212.49, 3776537.81	6.44E-05	4.3E-08	1.5E-09
859	556232.49, 3776537.81	6.65E-05	4.4E-08	1.5E-09
860	556252.49, 3776537.81	6.88E-05	4.6E-08	1.6E-09
861	556272.49, 3776537.81	7.11E-05	4.7E-08	1.6E-09
862	556292.49, 3776537.81	7.41E-05	4.9E-08	1.7E-09
863	556312.49, 3776537.81	7.69E-05	5.1E-08	1.7E-09
864	556332.49, 3776537.81	7.99E-05	5.3E-08	1.8E-09
865	556352.49, 3776537.81	8.28E-05	5.5E-08	1.9E-09
866	556372.49, 3776537.81	8.55E-05	5.7E-08	1.9E-09
867	556392.49, 3776537.81	8.82E-05	5.8E-08	2.0E-09
868	556412.49, 3776537.81	9.18E-05	6.1E-08	2.1E-09
869	556432.49, 3776537.81	9.53E-05	6.3E-08	2.2E-09
870	556452.49, 3776537.81	9.84E-05	6.5E-08	2.2E-09
871	556472.49, 3776537.81	1.02E-04	6.8E-08	2.3E-09
872	556492.49, 3776537.81	1.06E-04	7.0E-08	2.4E-09
873	556332.49, 3776557.81	8.22E-05	5.4E-08	1.9E-09
874	556352.49, 3776557.81	8.49E-05	5.6E-08	1.9E-09
875	556372.49, 3776557.81	8.82E-05	5.8E-08	2.0E-09
876	556392.49, 3776557.81	9.13E-05	6.0E-08	2.1E-09
877	556412.49, 3776557.81	9.50E-05	6.3E-08	2.2E-09
878	556432.49, 3776557.81	9.85E-05	6.5E-08	2.2E-09
879	556452.49, 3776557.81	1.02E-04	6.7E-08	2.3E-09
880	556472.49, 3776557.81	1.06E-04	7.0E-08	2.4E-09
881	556492.49, 3776557.81	1.10E-04	7.3E-08	2.5E-09
882	556332.49, 3776577.81	8.41E-05	5.6E-08	1.9E-09
883	556352.49, 3776577.81	8.75E-05	5.8E-08	2.0E-09
884	556372.49, 3776577.81	9.09E-05	6.0E-08	2.1E-09
885	556392.49, 3776577.81	9.46E-05	6.3E-08	2.1E-09
886	556412.49, 3776577.81	9.84E-05	6.5E-08	2.2E-09
887	556432.49, 3776577.81	1.02E-04	6.7E-08	2.3E-09
888	556452.49, 3776577.81	1.06E-04	7.0E-08	2.4E-09
889	556472.49, 3776577.81	1.10E-04	7.3E-08	2.5E-09
890	556492.49, 3776577.81	1.15E-04	7.6E-08	2.6E-09
891	556332.49, 3776597.81	8.66E-05	5.7E-08	2.0E-09
892	556352.49, 3776597.81	9.01E-05	6.0E-08	2.0E-09
893	556372.49, 3776597.81	9.36E-05	6.2E-08	2.1E-09
894	556392.49, 3776597.81	9.71E-05	6.4E-08	2.2E-09
895	556412.49, 3776597.81	1.01E-04	6.7E-08	2.3E-09
896	556432.49, 3776597.81	1.05E-04	7.0E-08	2.4E-09
897	556452.49, 3776597.81	1.09E-04	7.2E-08	2.5E-09
898	556472.49, 3776597.81	1.14E-04	7.5E-08	2.6E-09
899	556492.49, 3776597.81	1.19E-04	7.9E-08	2.7E-09
900	556252.49, 3776617.81	7.68E-05	5.1E-08	1.7E-09
901	556272.49, 3776617.81	7.92E-05	5.2E-08	1.8E-09
902	556292.49, 3776617.81	8.21E-05	5.4E-08	1.9E-09
903	556312.49, 3776617.81	8.54E-05	5.7E-08	1.9E-09
904	556332.49, 3776617.81	8.85E-05	5.9E-08	2.0E-09

905	556352.49, 3776617.81	9.26E-05	6.1E-08	2.1E-09
906	556372.49, 3776617.81	9.67E-05	6.4E-08	2.2E-09
907	556392.49, 3776617.81	1.01E-04	6.7E-08	2.3E-09
908	556412.49, 3776617.81	1.05E-04	6.9E-08	2.4E-09
909	556432.49, 3776617.81	1.09E-04	7.2E-08	2.5E-09
910	556452.49, 3776617.81	1.14E-04	7.5E-08	2.6E-09
911	556472.49, 3776617.81	1.18E-04	7.8E-08	2.7E-09
912	556492.49, 3776617.81	1.23E-04	8.2E-08	2.8E-09
913	556252.49, 3776637.81	7.95E-05	5.3E-08	1.8E-09
914	556272.49, 3776637.81	8.22E-05	5.4E-08	1.9E-09
915	556292.49, 3776637.81	8.46E-05	5.6E-08	1.9E-09
916	556312.49, 3776637.81	8.76E-05	5.8E-08	2.0E-09
917	556332.49, 3776637.81	9.14E-05	6.0E-08	2.1E-09
918	556352.49, 3776637.81	9.52E-05	6.3E-08	2.2E-09
919	556372.49, 3776637.81	9.96E-05	6.6E-08	2.3E-09
920	556392.49, 3776637.81	1.04E-04	6.9E-08	2.4E-09
921	556412.49, 3776637.81	1.08E-04	7.2E-08	2.5E-09
922	556432.49, 3776637.81	1.13E-04	7.5E-08	2.6E-09
923	556452.49, 3776637.81	1.17E-04	7.8E-08	2.7E-09
924	556472.49, 3776637.81	1.23E-04	8.1E-08	2.8E-09
925	556492.49, 3776637.81	1.28E-04	8.5E-08	2.9E-09
926	556252.49, 3776657.81	8.29E-05	5.5E-08	1.9E-09
927	556272.49, 3776657.81	8.53E-05	5.6E-08	1.9E-09
928	556292.49, 3776657.81	8.80E-05	5.8E-08	2.0E-09
929	556312.49, 3776657.81	9.02E-05	6.0E-08	2.0E-09
930	556332.49, 3776657.81	9.42E-05	6.2E-08	2.1E-09
931	556352.49, 3776657.81	9.83E-05	6.5E-08	2.2E-09
932	556372.49, 3776657.81	1.03E-04	6.8E-08	2.3E-09
933	556392.49, 3776657.81	1.07E-04	7.1E-08	2.4E-09
934	556412.49, 3776657.81	1.11E-04	7.4E-08	2.5E-09
935	556432.49, 3776657.81	1.16E-04	7.7E-08	2.6E-09
936	556452.49, 3776657.81	1.22E-04	8.0E-08	2.8E-09
937	556472.49, 3776657.81	1.27E-04	8.4E-08	2.9E-09
938	556492.49, 3776657.81	1.33E-04	8.8E-08	3.0E-09
939	556252.49, 3776677.81	8.69E-05	5.8E-08	2.0E-09
940	556272.49, 3776677.81	8.85E-05	5.9E-08	2.0E-09
941	556292.49, 3776677.81	9.09E-05	6.0E-08	2.1E-09
942	556312.49, 3776677.81	9.39E-05	6.2E-08	2.1E-09
943	556332.49, 3776677.81	9.74E-05	6.4E-08	2.2E-09
944	556352.49, 3776677.81	1.01E-04	6.7E-08	2.3E-09
945	556372.49, 3776677.81	1.06E-04	7.0E-08	2.4E-09
946	556392.49, 3776677.81	1.10E-04	7.3E-08	2.5E-09
947	556412.49, 3776677.81	1.15E-04	7.6E-08	2.6E-09
948	556432.49, 3776677.81	1.20E-04	8.0E-08	2.7E-09
949	556452.49, 3776677.81	1.26E-04	8.3E-08	2.9E-09
950	556472.49, 3776677.81	1.32E-04	8.7E-08	3.0E-09
951	556492.49, 3776677.81	1.38E-04	9.1E-08	3.1E-09
952	556252.49, 3776697.81	9.17E-05	6.1E-08	2.1E-09
953	556272.49, 3776697.81	9.30E-05	6.2E-08	2.1E-09
954	556372.49, 3776697.81	1.09E-04	7.2E-08	2.5E-09
955	556392.49, 3776697.81	1.13E-04	7.5E-08	2.6E-09
956	556412.49, 3776697.81	1.19E-04	7.9E-08	2.7E-09
957	556432.49, 3776697.81	1.24E-04	8.2E-08	2.8E-09
958	556452.49, 3776697.81	1.30E-04	8.6E-08	2.9E-09
959	556472.49, 3776697.81	1.37E-04	9.0E-08	3.1E-09
960	556492.49, 3776697.81	1.44E-04	9.5E-08	3.3E-09
961	556252.49, 3776717.81	9.65E-05	6.4E-08	2.2E-09
962	556272.49, 3776717.81	9.82E-05	6.5E-08	2.2E-09
963	556372.49, 3776717.81	1.13E-04	7.5E-08	2.6E-09
964	556392.49, 3776717.81	1.17E-04	7.8E-08	2.7E-09
965	556412.49, 3776717.81	1.23E-04	8.1E-08	2.8E-09
966	556432.49, 3776717.81	1.28E-04	8.5E-08	2.9E-09
967	556452.49, 3776717.81	1.34E-04	8.9E-08	3.1E-09
968	556472.49, 3776717.81	1.42E-04	9.4E-08	3.2E-09
969	556492.49, 3776717.81	1.49E-04	9.9E-08	3.4E-09
970	556267.4, 3776875.81	1.56E-04	1.0E-07	3.5E-09
971	556239.03, 3776853.02	1.41E-04	9.3E-08	3.2E-09
972	556178.76, 3776751.21	1.02E-04	6.8E-08	2.3E-09
973	556154.45, 3776774.51	1.06E-04	7.0E-08	2.4E-09
974	556119.5, 3776705.11	8.68E-05	5.7E-08	2.0E-09
975	556146.51, 3777267.93	3.31E-04	2.2E-07	7.5E-09
976	556151, 3777234.88	3.10E-04	2.0E-07	7.0E-09
977	556144.93, 3777179.58	2.62E-04	1.7E-07	6.0E-09
978	556205.18, 3777236.46	3.65E-04	2.4E-07	8.3E-09
979	556218, 3777200.04	3.41E-04	2.3E-07	7.7E-09
980	556774.37, 3777347.57	5.43E-03	3.6E-06	1.2E-07

Residential DOSEair =	**$(Cair*(BR/BW)*A*EF*10^{-6})$**	
A	1	Inhalation absorption factor[1]
EF	0.68	Exposure frequency (350/year)[2]
WAF	4.2	Worker Adjustment Factor[10]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk =	**DOSEair * CPF * ASF * ED/AT * FAH**	
CPF	0.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	**BR/BW**	**ASF**	**FAH**	**ED (Const)**	**ED (Ops)**
Worker	230	1	1	1	25
Worker (Combined)	230	1	1	1	24

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for Benzene, OEHHA 2015, Table 7.1, page 7-4
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

1-Hour Concentration - Fueling

OnSite Fueling

Emissions Rate (g/s): 3.07E-04

Discrete Receptor ID X, Y	**Concentration [µg/m^3] at 1 g/s**	**Concentration [ug/m^3] 1-hour Concentration [ug/m^3]**
1 556521.71, 3777341.57	266.2585	8.18E-02
2 556539.9, 3777344.94	272.3726	8.37E-02
3 556591.78, 3777345.39	351.236	1.08E-01
4 556630.62, 3777349.66	397.4069	1.22E-01
5 556684.29, 3777349.43	492.1865	1.51E-01
6 556905.58, 3777351.19	508.4043	1.56E-01
7 556920.93, 3777350.82	479.3124	1.47E-01
8 556942.87, 3777350.09	438.0092	1.35E-01
9 556996.26, 3777348.26	301.1877	9.25E-02
10 557096.81, 3777357.77	199.4255	6.13E-02
11 557115.83, 3777363.62	184.9989	5.68E-02
12 557129.36, 3777361.43	178.6309	5.49E-02
13 557230.65, 3777363.99	134.5495	4.13E-02
14 556466.22, 3776816.07	182.3764	5.60E-02
15 556407.87, 3776826.19	160.0777	4.92E-02
16 556381.07, 3776807.14	148.7236	4.57E-02
17 556404.29, 3776771.52	152.1862	4.68E-02
18 556465.21, 3776739.51	164.823	5.06E-02
19 556396.1, 3776739.93	146.6706	4.51E-02
20 556323.99, 3777265.43	149.0477	4.58E-02
21 556330.6, 3777233.99	152.3024	4.68E-02
22 556321.08, 3777200.43	151.7567	4.66E-02
23 556275.11, 3777267.81	131.7376	4.05E-02
24 556278.28, 3777233.46	133.7496	4.11E-02
25 556509.4, 3777373.38	239.9838	7.37E-02
26 556529.4, 3777373.38	263.2947	8.09E-02
27 556549.4, 3777373.38	281.7225	8.66E-02
28 556569.4, 3777373.38	292.1654	8.98E-02
29 556589.4, 3777373.38	314.6415	9.67E-02
30 556609.4, 3777373.38	339.4208	1.04E-01
31 556629.4, 3777373.38	356.9105	1.10E-01
32 556649.4, 3777373.38	382.0075	1.17E-01
33 556669.4, 3777373.38	436.0363	1.34E-01
34 556689.4, 3777373.38	480.3979	1.48E-01
35 556709.4, 3777373.38	485.9049	1.49E-01
36 556729.4, 3777373.38	517.1859	1.59E-01
37 556749.4, 3777373.38	519.6615	1.60E-01
38 556769.4, 3777373.38	436.6002	1.34E-01
39 556789.4, 3777373.38	417.4733	1.28E-01
40 556809.4, 3777373.38	434.4372	1.33E-01

41	556829.4, 3777373.38	442.7418	1.36E-01
42	556849.4, 3777373.38	459.0409	1.41E-01
43	556869.4, 3777373.38	455.1528	1.40E-01
44	556889.4, 3777373.38	448.4307	1.38E-01
45	556909.4, 3777373.38	429.5383	1.32E-01
46	556929.4, 3777373.38	405.7405	1.25E-01
47	556949.4, 3777373.38	378.9125	1.16E-01
48	556969.4, 3777373.38	333.5669	1.02E-01
49	556989.4, 3777373.38	271.3365	8.34E-02
50	557009.4, 3777373.38	254.636	7.82E-02
51	557029.4, 3777373.38	236.5531	7.27E-02
52	557049.4, 3777373.38	213.331	6.55E-02
53	557069.4, 3777373.38	194.668	5.98E-02
54	557089.4, 3777373.38	186.4691	5.73E-02
55	557109.4, 3777373.38	179.9715	5.53E-02
56	557129.4, 3777373.38	172.0916	5.29E-02
57	557149.4, 3777373.38	162.5994	5.00E-02
58	557169.4, 3777373.38	154.0322	4.73E-02
59	557189.4, 3777373.38	146.0097	4.49E-02
60	557209.4, 3777373.38	137.8674	4.24E-02
61	557229.4, 3777373.38	131.8999	4.05E-02
62	557249.4, 3777373.38	125.7734	3.86E-02
63	557269.4, 3777373.38	119.3034	3.67E-02
64	557289.4, 3777373.38	112.853	3.47E-02
65	557309.4, 3777373.38	106.4544	3.27E-02
66	557329.4, 3777373.38	100.0168	3.07E-02
67	557349.4, 3777373.38	94.51035	2.90E-02
68	557369.4, 3777373.38	90.01277	2.77E-02
69	557389.4, 3777373.38	86.93828	2.67E-02
70	557409.4, 3777373.38	83.81821	2.58E-02
71	557429.4, 3777373.38	80.66906	2.48E-02
72	557449.4, 3777373.38	77.60155	2.38E-02
73	557469.4, 3777373.38	74.56631	2.29E-02
74	557489.4, 3777373.38	71.45272	2.20E-02
75	556509.4, 3777393.38	239.2783	7.35E-02
76	556529.4, 3777393.38	249.9763	7.68E-02
77	556549.4, 3777393.38	257.1761	7.90E-02
78	556569.4, 3777393.38	281.5689	8.65E-02
79	556589.4, 3777393.38	297.367	9.14E-02
80	556609.4, 3777393.38	313.427	9.63E-02
81	556629.4, 3777393.38	333.4508	1.02E-01
82	556649.4, 3777393.38	375.2579	1.15E-01
83	556669.4, 3777393.38	414.4221	1.27E-01
84	556689.4, 3777393.38	422.5456	1.30E-01
85	556709.4, 3777393.38	432.2596	1.33E-01
86	556729.4, 3777393.38	461.0494	1.42E-01
87	556749.4, 3777393.38	423.6498	1.30E-01
88	556769.4, 3777393.38	352.9925	1.08E-01

89	556789.4, 3777393.38	370.386	1.14E-01
90	556809.4, 3777393.38	382.1394	1.17E-01
91	556829.4, 3777393.38	383.336	1.18E-01
92	556849.4, 3777393.38	398.8502	1.23E-01
93	556869.4, 3777393.38	396.4324	1.22E-01
94	556889.4, 3777393.38	394.7348	1.21E-01
95	556909.4, 3777393.38	371.5004	1.14E-01
96	556929.4, 3777393.38	365.4313	1.12E-01
97	556949.4, 3777393.38	340.0012	1.04E-01
98	556969.4, 3777393.38	316.3462	9.72E-02
99	556989.4, 3777393.38	273.2337	8.39E-02
100	557009.4, 3777393.38	227.8455	7.00E-02
101	557029.4, 3777393.38	219.5763	6.75E-02
102	557049.4, 3777393.38	205.0866	6.30E-02
103	557069.4, 3777393.38	186.7385	5.74E-02
104	557089.4, 3777393.38	170.6836	5.24E-02
105	557109.4, 3777393.38	163.861	5.03E-02
106	557129.4, 3777393.38	157.3994	4.84E-02
107	557149.4, 3777393.38	152.497	4.69E-02
108	557169.4, 3777393.38	145.8373	4.48E-02
109	557189.4, 3777393.38	138.1809	4.25E-02
110	557209.4, 3777393.38	132.073	4.06E-02
111	557229.4, 3777393.38	125.8041	3.87E-02
112	557249.4, 3777393.38	119.3581	3.67E-02
113	557269.4, 3777393.38	114.5721	3.52E-02
114	557289.4, 3777393.38	109.9313	3.38E-02
115	557309.4, 3777393.38	104.9226	3.22E-02
116	557329.4, 3777393.38	99.96945	3.07E-02
117	557349.4, 3777393.38	94.86905	2.91E-02
118	557369.4, 3777393.38	89.87521	2.76E-02
119	557389.4, 3777393.38	84.93508	2.61E-02
120	557409.4, 3777393.38	80.88333	2.48E-02
121	557429.4, 3777393.38	77.44608	2.38E-02
122	557449.4, 3777393.38	75.13543	2.31E-02
123	557469.4, 3777393.38	72.6846	2.23E-02
124	557489.4, 3777393.38	70.19293	2.16E-02
125	556509.4, 3777413.38	221.5345	6.81E-02
126	556529.4, 3777413.38	234.7581	7.21E-02
127	556549.4, 3777413.38	253.3789	7.78E-02
128	556569.4, 3777413.38	262.6225	8.07E-02
129	556589.4, 3777413.38	278.2266	8.55E-02
130	556609.4, 3777413.38	294.3552	9.04E-02
131	556629.4, 3777413.38	327.6933	1.01E-01
132	556649.4, 3777413.38	362.4475	1.11E-01
133	556669.4, 3777413.38	371.0191	1.14E-01
134	556689.4, 3777413.38	373.9853	1.15E-01
135	556709.4, 3777413.38	403.2281	1.24E-01
136	556729.4, 3777413.38	396.1137	1.22E-01

137	556749.4, 3777413.38	337.1085	1.04E-01
138	556769.4, 3777413.38	314.7172	9.67E-02
139	556789.4, 3777413.38	330.1304	1.01E-01
140	556809.4, 3777413.38	339.4924	1.04E-01
141	556829.4, 3777413.38	338.8038	1.04E-01
142	556849.4, 3777413.38	351.2718	1.08E-01
143	556869.4, 3777413.38	350.1955	1.08E-01
144	556889.4, 3777413.38	349.0221	1.07E-01
145	556909.4, 3777413.38	334.1792	1.03E-01
146	556929.4, 3777413.38	328.9355	1.01E-01
147	556949.4, 3777413.38	309.3249	9.50E-02
148	556969.4, 3777413.38	292.8436	9.00E-02
149	556989.4, 3777413.38	265.8293	8.17E-02
150	557009.4, 3777413.38	226.6462	6.96E-02
151	557029.4, 3777413.38	198.9206	6.11E-02
152	557049.4, 3777413.38	191.9611	5.90E-02
153	557069.4, 3777413.38	180.2352	5.54E-02
154	557089.4, 3777413.38	165.4327	5.08E-02
155	557109.4, 3777413.38	152.3532	4.68E-02
156	557129.4, 3777413.38	144.9662	4.45E-02
157	557149.4, 3777413.38	139.6886	4.29E-02
158	557169.4, 3777413.38	135.6908	4.17E-02
159	557189.4, 3777413.38	131.2473	4.03E-02
160	557209.4, 3777413.38	125.8109	3.87E-02
161	557229.4, 3777413.38	119.5268	3.67E-02
162	557249.4, 3777413.38	114.9512	3.53E-02
163	557269.4, 3777413.38	109.8931	3.38E-02
164	557289.4, 3777413.38	104.8003	3.22E-02
165	557309.4, 3777413.38	100.8032	3.10E-02
166	557329.4, 3777413.38	97.17512	2.99E-02
167	557349.4, 3777413.38	93.43323	2.87E-02
168	557369.4, 3777413.38	89.35222	2.75E-02
169	557389.4, 3777413.38	85.34347	2.62E-02
170	557409.4, 3777413.38	81.27131	2.50E-02
171	557429.4, 3777413.38	77.13588	2.37E-02
172	557449.4, 3777413.38	73.50319	2.26E-02
173	557469.4, 3777413.38	70.32141	2.16E-02
174	557489.4, 3777413.38	67.58441	2.08E-02
175	556509.4, 3777433.38	215.5452	6.62E-02
176	556529.4, 3777433.38	228.4879	7.02E-02
177	556549.4, 3777433.38	233.2407	7.17E-02
178	556569.4, 3777433.38	248.7829	7.64E-02
179	556589.4, 3777433.38	262.5403	8.07E-02
180	556609.4, 3777433.38	289.1345	8.88E-02
181	556629.4, 3777433.38	320.4063	9.84E-02
182	556649.4, 3777433.38	328.5088	1.01E-01
183	556669.4, 3777433.38	327.3339	1.01E-01
184	556689.4, 3777433.38	350.2248	1.08E-01

185	556709.4, 3777433.38	361.9342	1.11E-01
186	556729.4, 3777433.38	331.4888	1.02E-01
187	556749.4, 3777433.38	273.1752	8.39E-02
188	556769.4, 3777433.38	281.2347	8.64E-02
189	556789.4, 3777433.38	295.3823	9.07E-02
190	556809.4, 3777433.38	303.6855	9.33E-02
191	556829.4, 3777433.38	302.3501	9.29E-02
192	556849.4, 3777433.38	312.3536	9.60E-02
193	556869.4, 3777433.38	310.9554	9.55E-02
194	556889.4, 3777433.38	309.8738	9.52E-02
195	556909.4, 3777433.38	301.8062	9.27E-02
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197	556949.4, 3777433.38	284.023	8.73E-02
198	556969.4, 3777433.38	267.2117	8.21E-02
199	556989.4, 3777433.38	252.3174	7.75E-02
200	557009.4, 3777433.38	225.424	6.93E-02
201	557029.4, 3777433.38	190.2978	5.85E-02
202	557049.4, 3777433.38	175.981	5.41E-02
203	557069.4, 3777433.38	169.931	5.22E-02
204	557089.4, 3777433.38	160.1873	4.92E-02
205	557109.4, 3777433.38	148.0546	4.55E-02
206	557129.4, 3777433.38	136.9465	4.21E-02
207	557149.4, 3777433.38	129.4589	3.98E-02
208	557169.4, 3777433.38	125.5924	3.86E-02
209	557189.4, 3777433.38	121.3977	3.73E-02
210	557209.4, 3777433.38	118.5427	3.64E-02
211	557229.4, 3777433.38	114.5062	3.52E-02
212	557249.4, 3777433.38	109.899	3.38E-02
213	557269.4, 3777433.38	105.0751	3.23E-02
214	557289.4, 3777433.38	101.2852	3.11E-02
215	557309.4, 3777433.38	97.2232	2.99E-02
216	557329.4, 3777433.38	93.02308	2.86E-02
217	557349.4, 3777433.38	89.4809	2.75E-02
218	557369.4, 3777433.38	86.70406	2.66E-02
219	557389.4, 3777433.38	83.8137	2.57E-02
220	557409.4, 3777433.38	80.65686	2.48E-02
221	557429.4, 3777433.38	77.19899	2.37E-02
222	557449.4, 3777433.38	73.85843	2.27E-02
223	557469.4, 3777433.38	70.51962	2.17E-02
224	557489.4, 3777433.38	67.17904	2.06E-02
225	556509.4, 3777453.38	206.8432	6.35E-02
226	556529.4, 3777453.38	212.2775	6.52E-02
227	556549.4, 3777453.38	224.411	6.89E-02
228	556569.4, 3777453.38	236.0969	7.25E-02
229	556589.4, 3777453.38	257.5461	7.91E-02
230	556609.4, 3777453.38	285.397	8.77E-02
231	556629.4, 3777453.38	295.5143	9.08E-02
232	556649.4, 3777453.38	296.7587	9.12E-02

233	556669.4, 3777453.38	305.0312	9.37E-02
234	556689.4, 3777453.38	325.6302	1.00E-01
235	556709.4, 3777453.38	315.0114	9.68E-02
236	556729.4, 3777453.38	271.4746	8.34E-02
237	556749.4, 3777453.38	248.9267	7.65E-02
238	556769.4, 3777453.38	257.1108	7.90E-02
239	556789.4, 3777453.38	265.3768	8.15E-02
240	556809.4, 3777453.38	273.7112	8.41E-02
241	556829.4, 3777453.38	272.5292	8.37E-02
242	556849.4, 3777453.38	280.774	8.63E-02
243	556869.4, 3777453.38	278.9349	8.57E-02
244	556889.4, 3777453.38	276.5423	8.50E-02
245	556909.4, 3777453.38	275.6592	8.47E-02
246	556929.4, 3777453.38	261.1537	8.02E-02
247	556949.4, 3777453.38	260.8179	8.01E-02
248	556969.4, 3777453.38	246.2871	7.57E-02
249	556989.4, 3777453.38	235.2832	7.23E-02
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251	557029.4, 3777453.38	191.9489	5.90E-02
252	557049.4, 3777453.38	164.0676	5.04E-02
253	557069.4, 3777453.38	157.0235	4.82E-02
254	557089.4, 3777453.38	151.825	4.66E-02
255	557109.4, 3777453.38	143.7242	4.42E-02
256	557129.4, 3777453.38	133.5062	4.10E-02
257	557149.4, 3777453.38	124.1835	3.82E-02
258	557169.4, 3777453.38	116.1638	3.57E-02
259	557189.4, 3777453.38	113.6452	3.49E-02
260	557209.4, 3777453.38	109.9338	3.38E-02
261	557229.4, 3777453.38	107.2731	3.30E-02
262	557249.4, 3777453.38	104.6358	3.21E-02
263	557269.4, 3777453.38	101.1285	3.11E-02
264	557289.4, 3777453.38	97.08495	2.98E-02
265	557309.4, 3777453.38	93.39014	2.87E-02
266	557329.4, 3777453.38	90.25063	2.77E-02
267	557349.4, 3777453.38	86.83367	2.67E-02
268	557369.4, 3777453.38	83.2979	2.56E-02
269	557389.4, 3777453.38	80.35311	2.47E-02
270	557409.4, 3777453.38	78.23487	2.40E-02
271	557429.4, 3777453.38	75.74514	2.33E-02
272	557449.4, 3777453.38	73.13039	2.25E-02
273	557469.4, 3777453.38	70.36754	2.16E-02
274	557489.4, 3777453.38	67.53713	2.07E-02
275	556509.4, 3777473.38	194.3334	5.97E-02
276	556529.4, 3777473.38	203.4796	6.25E-02
277	556549.4, 3777473.38	213.836	6.57E-02
278	556569.4, 3777473.38	231.2791	7.11E-02
279	556589.4, 3777473.38	256.1977	7.87E-02
280	556609.4, 3777473.38	266.9386	8.20E-02

281	556629.4, 3777473.38	269.2354	8.27E-02
282	556649.4, 3777473.38	272.3145	8.37E-02
283	556669.4, 3777473.38	290.1224	8.91E-02
284	556689.4, 3777473.38	293.2246	9.01E-02
285	556709.4, 3777473.38	268.0969	8.24E-02
286	556729.4, 3777473.38	223.2504	6.86E-02
287	556749.4, 3777473.38	227.3021	6.98E-02
288	556769.4, 3777473.38	236.3588	7.26E-02
289	556789.4, 3777473.38	239.1617	7.35E-02
290	556809.4, 3777473.38	248.0875	7.62E-02
291	556829.4, 3777473.38	247.1022	7.59E-02
292	556849.4, 3777473.38	254.1262	7.81E-02
293	556869.4, 3777473.38	251.6138	7.73E-02
294	556889.4, 3777473.38	251.5292	7.73E-02
295	556909.4, 3777473.38	252.0505	7.74E-02
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297	556949.4, 3777473.38	238.2821	7.32E-02
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303	557069.4, 3777473.38	146.0677	4.49E-02
304	557089.4, 3777473.38	141.3781	4.34E-02
305	557109.4, 3777473.38	136.8756	4.21E-02
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307	557149.4, 3777473.38	121.346	3.73E-02
308	557169.4, 3777473.38	113.1416	3.48E-02
309	557189.4, 3777473.38	106.1819	3.26E-02
310	557209.4, 3777473.38	103.3525	3.18E-02
311	557229.4, 3777473.38	100.5553	3.09E-02
312	557249.4, 3777473.38	97.53208	3.00E-02
313	557269.4, 3777473.38	95.6924	2.94E-02
314	557289.4, 3777473.38	93.16143	2.86E-02
315	557309.4, 3777473.38	90.11526	2.77E-02
316	557329.4, 3777473.38	86.68633	2.66E-02
317	557349.4, 3777473.38	83.7748	2.57E-02
318	557369.4, 3777473.38	81.12785	2.49E-02
319	557389.4, 3777473.38	78.211	2.40E-02
320	557409.4, 3777473.38	75.36795	2.32E-02
321	557429.4, 3777473.38	72.69846	2.23E-02
322	557449.4, 3777473.38	70.96429	2.18E-02
323	557469.4, 3777473.38	68.90602	2.12E-02
324	557489.4, 3777473.38	66.69647	2.05E-02
325	556509.4, 3777493.38	185.8364	5.71E-02
326	556529.4, 3777493.38	195.2559	6.00E-02
327	556549.4, 3777493.38	209.2162	6.43E-02
328	556569.4, 3777493.38	231.3404	7.11E-02

329	556589.4, 3777493.38	242.3629	7.45E-02
330	556609.4, 3777493.38	244.9753	7.53E-02
331	556629.4, 3777493.38	242.9614	7.46E-02
332	556649.4, 3777493.38	256.9436	7.89E-02
333	556669.4, 3777493.38	269.3538	8.28E-02
334	556689.4, 3777493.38	258.0071	7.93E-02
335	556709.4, 3777493.38	224.2293	6.89E-02
336	556729.4, 3777493.38	203.1102	6.24E-02
337	556749.4, 3777493.38	207.5388	6.38E-02
338	556769.4, 3777493.38	217.502	6.68E-02
339	556789.4, 3777493.38	218.8357	6.72E-02
340	556809.4, 3777493.38	225.9299	6.94E-02
341	556829.4, 3777493.38	225.5233	6.93E-02
342	556849.4, 3777493.38	231.2641	7.11E-02
343	556869.4, 3777493.38	229.5997	7.05E-02
344	556889.4, 3777493.38	230.4981	7.08E-02
345	556909.4, 3777493.38	230.7256	7.09E-02
346	556929.4, 3777493.38	221.9963	6.82E-02
347	556949.4, 3777493.38	216.422	6.65E-02
348	556969.4, 3777493.38	213.732	6.57E-02
349	556989.4, 3777493.38	202.8799	6.23E-02
350	557009.4, 3777493.38	195.2086	6.00E-02
351	557029.4, 3777493.38	183.8912	5.65E-02
352	557049.4, 3777493.38	165.5174	5.09E-02
353	557069.4, 3777493.38	143.1894	4.40E-02
354	557089.4, 3777493.38	130.8884	4.02E-02
355	557109.4, 3777493.38	128.2781	3.94E-02
356	557129.4, 3777493.38	124.2287	3.82E-02
357	557149.4, 3777493.38	118.2917	3.63E-02
358	557169.4, 3777493.38	110.8839	3.41E-02
359	557189.4, 3777493.38	103.7208	3.19E-02
360	557209.4, 3777493.38	97.94462	3.01E-02
361	557229.4, 3777493.38	94.36035	2.90E-02
362	557249.4, 3777493.38	92.37808	2.84E-02
363	557269.4, 3777493.38	89.6199	2.75E-02
364	557289.4, 3777493.38	87.74721	2.70E-02
365	557309.4, 3777493.38	85.96404	2.64E-02
366	557329.4, 3777493.38	83.68006	2.57E-02
367	557349.4, 3777493.38	80.98433	2.49E-02
368	557369.4, 3777493.38	77.96864	2.40E-02
369	557389.4, 3777493.38	75.7548	2.33E-02
370	557409.4, 3777493.38	73.50241	2.26E-02
371	557429.4, 3777493.38	70.95163	2.18E-02
372	557449.4, 3777493.38	68.53297	2.11E-02
373	557469.4, 3777493.38	66.22616	2.03E-02
374	557489.4, 3777493.38	64.70469	1.99E-02
375	556509.4, 3777513.38	179.0419	5.50E-02
376	556529.4, 3777513.38	190.3883	5.85E-02

377	556549.4, 3777513.38	210.4248	6.46E-02
378	556569.4, 3777513.38	221.7828	6.81E-02
379	556589.4, 3777513.38	224.0591	6.88E-02
380	556609.4, 3777513.38	221.2484	6.80E-02
381	556629.4, 3777513.38	230.6327	7.09E-02
382	556649.4, 3777513.38	245.1106	7.53E-02
383	556669.4, 3777513.38	243.9821	7.50E-02
384	556689.4, 3777513.38	222.6408	6.84E-02
385	556709.4, 3777513.38	188.0454	5.78E-02
386	556729.4, 3777513.38	188.3957	5.79E-02
387	556749.4, 3777513.38	192.1679	5.90E-02
388	556769.4, 3777513.38	200.4867	6.16E-02
389	556789.4, 3777513.38	202.6872	6.23E-02
390	556809.4, 3777513.38	206.9067	6.36E-02
391	556829.4, 3777513.38	206.976	6.36E-02
392	556849.4, 3777513.38	211.7166	6.50E-02
393	556869.4, 3777513.38	211.0625	6.48E-02
394	556889.4, 3777513.38	212.1755	6.52E-02
395	556909.4, 3777513.38	211.311	6.49E-02
396	556929.4, 3777513.38	206.0194	6.33E-02
397	556949.4, 3777513.38	197.654	6.07E-02
398	556969.4, 3777513.38	198.4757	6.10E-02
399	556989.4, 3777513.38	190.1794	5.84E-02
400	557009.4, 3777513.38	181.9936	5.59E-02
401	557029.4, 3777513.38	175.4132	5.39E-02
402	557049.4, 3777513.38	162.7917	5.00E-02
403	557069.4, 3777513.38	145.05	4.46E-02
404	557089.4, 3777513.38	126.008	3.87E-02
405	557109.4, 3777513.38	118.4857	3.64E-02
406	557129.4, 3777513.38	117.0278	3.60E-02
407	557149.4, 3777513.38	113.512	3.49E-02
408	557169.4, 3777513.38	108.3395	3.33E-02
409	557189.4, 3777513.38	101.8945	3.13E-02
410	557209.4, 3777513.38	95.6738	2.94E-02
411	557229.4, 3777513.38	90.66254	2.79E-02
412	557249.4, 3777513.38	86.55734	2.66E-02
413	557269.4, 3777513.38	85.1604	2.62E-02
414	557289.4, 3777513.38	83.02777	2.55E-02
415	557309.4, 3777513.38	80.64014	2.48E-02
416	557329.4, 3777513.38	79.4821	2.44E-02
417	557349.4, 3777513.38	77.80445	2.39E-02
418	557369.4, 3777513.38	75.68428	2.33E-02
419	557389.4, 3777513.38	73.30807	2.25E-02
420	557409.4, 3777513.38	70.69341	2.17E-02
421	557429.4, 3777513.38	68.91432	2.12E-02
422	557449.4, 3777513.38	66.95975	2.06E-02
423	557469.4, 3777513.38	64.85493	1.99E-02
424	557489.4, 3777513.38	62.75915	1.93E-02

425	556509.4, 3777533.38	174.3452	5.36E-02
426	556529.4, 3777533.38	192.5933	5.92E-02
427	556549.4, 3777533.38	203.2825	6.25E-02
428	556569.4, 3777533.38	205.1188	6.30E-02
429	556589.4, 3777533.38	205.3403	6.31E-02
430	556609.4, 3777533.38	209.7116	6.44E-02
431	556629.4, 3777533.38	221.3339	6.80E-02
432	556649.4, 3777533.38	227.2887	6.98E-02
433	556669.4, 3777533.38	215.9813	6.64E-02
434	556689.4, 3777533.38	189.0158	5.81E-02
435	556709.4, 3777533.38	170.0224	5.22E-02
436	556729.4, 3777533.38	174.8161	5.37E-02
437	556749.4, 3777533.38	179.6967	5.52E-02
438	556769.4, 3777533.38	184.9696	5.68E-02
439	556789.4, 3777533.38	188.2396	5.78E-02
440	556809.4, 3777533.38	190.349	5.85E-02
441	556829.4, 3777533.38	191.0557	5.87E-02
442	556849.4, 3777533.38	194.835	5.99E-02
443	556869.4, 3777533.38	194.8558	5.99E-02
444	556889.4, 3777533.38	195.8449	6.02E-02
445	556909.4, 3777533.38	194.0934	5.96E-02
446	556929.4, 3777533.38	192.2932	5.91E-02
447	556949.4, 3777533.38	184.8228	5.68E-02
448	556969.4, 3777533.38	183.0862	5.62E-02
449	556989.4, 3777533.38	179.0508	5.50E-02
450	557009.4, 3777533.38	170.979	5.25E-02
451	557029.4, 3777533.38	165.1252	5.07E-02
452	557049.4, 3777533.38	157.5288	4.84E-02
453	557069.4, 3777533.38	144.3884	4.44E-02
454	557089.4, 3777533.38	127.6916	3.92E-02
455	557109.4, 3777533.38	114.5163	3.52E-02
456	557129.4, 3777533.38	108.8743	3.34E-02
457	557149.4, 3777533.38	107.4814	3.30E-02
458	557169.4, 3777533.38	104.2524	3.20E-02
459	557189.4, 3777533.38	99.70291	3.06E-02
460	557209.4, 3777533.38	94.21287	2.89E-02
461	557229.4, 3777533.38	88.48442	2.72E-02
462	557249.4, 3777533.38	84.3342	2.59E-02
463	557269.4, 3777533.38	79.61271	2.45E-02
464	557289.4, 3777533.38	78.70325	2.42E-02
465	557309.4, 3777533.38	77.14732	2.37E-02
466	557329.4, 3777533.38	75.0378	2.31E-02
467	557349.4, 3777533.38	73.59178	2.26E-02
468	557369.4, 3777533.38	72.40223	2.22E-02
469	557389.4, 3777533.38	70.78114	2.17E-02
470	557409.4, 3777533.38	68.91745	2.12E-02
471	557429.4, 3777533.38	66.77265	2.05E-02
472	557449.4, 3777533.38	64.62867	1.99E-02

473	557469.4, 3777533.38	63.08435	1.94E-02
474	557489.4, 3777533.38	61.37524	1.89E-02
475	556509.4, 3777553.38	176.9634	5.44E-02
476	556529.4, 3777553.38	187.3342	5.76E-02
477	556549.4, 3777553.38	189.2039	5.81E-02
478	556569.4, 3777553.38	190.8948	5.86E-02
479	556589.4, 3777553.38	190.9839	5.87E-02
480	556609.4, 3777553.38	199.2241	6.12E-02
481	556629.4, 3777553.38	209.9065	6.45E-02
482	556649.4, 3777553.38	206.5672	6.35E-02
483	556669.4, 3777553.38	188.286	5.78E-02
484	556689.4, 3777553.38	160.9476	4.94E-02
485	556709.4, 3777553.38	158.9665	4.88E-02
486	556729.4, 3777553.38	162.0808	4.98E-02
487	556749.4, 3777553.38	168.1913	5.17E-02
488	556769.4, 3777553.38	170.8061	5.25E-02
489	556789.4, 3777553.38	175.1456	5.38E-02
490	556809.4, 3777553.38	175.8157	5.40E-02
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492	556849.4, 3777553.38	180.186	5.54E-02
493	556869.4, 3777553.38	180.7389	5.55E-02
494	556889.4, 3777553.38	181.3191	5.57E-02
495	556909.4, 3777553.38	178.8912	5.50E-02
496	556929.4, 3777553.38	179.7091	5.52E-02
497	556949.4, 3777553.38	172.7804	5.31E-02
498	556969.4, 3777553.38	168.2471	5.17E-02
499	556989.4, 3777553.38	168.083	5.16E-02
500	557009.4, 3777553.38	161.4002	4.96E-02
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502	557049.4, 3777553.38	150.3384	4.62E-02
503	557069.4, 3777553.38	141.4225	4.34E-02
504	557089.4, 3777553.38	128.3357	3.94E-02
505	557109.4, 3777553.38	112.7726	3.46E-02
506	557129.4, 3777553.38	104.549	3.21E-02
507	557149.4, 3777553.38	100.4697	3.09E-02
508	557169.4, 3777553.38	99.05874	3.04E-02
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510	557209.4, 3777553.38	92.23236	2.83E-02
511	557229.4, 3777553.38	87.31915	2.68E-02
512	557249.4, 3777553.38	82.2254	2.53E-02
513	557269.4, 3777553.38	78.62591	2.42E-02
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517	557349.4, 3777553.38	70.18952	2.16E-02
518	557369.4, 3777553.38	68.24193	2.10E-02
519	557389.4, 3777553.38	67.41743	2.07E-02
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523	557469.4, 3777553.38	61.16433	1.88E-02
524	557489.4, 3777553.38	59.3684	1.82E-02
525	557438.91, 3777336.71	79.66301	2.45E-02
526	556615.91, 3777136.99	451.0366	1.39E-01
527	556586.37, 3777056.16	335.0552	1.03E-01
528	556672.35, 3776929.14	298.9267	9.18E-02
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531	556732.35, 3776929.14	345.1284	1.06E-01
532	556752.35, 3776929.14	389.9263	1.20E-01
533	556772.35, 3776929.14	386.1577	1.19E-01
534	556792.35, 3776929.14	357.2156	1.10E-01
535	556812.35, 3776929.14	356.5593	1.10E-01
536	556832.35, 3776929.14	359.7881	1.11E-01
537	556852.35, 3776929.14	349.451	1.07E-01
538	556672.35, 3776949.14	319.1691	9.81E-02
539	556692.35, 3776949.14	334.3655	1.03E-01
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541	556732.35, 3776949.14	354.8681	1.09E-01
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543	556772.35, 3776949.14	434.4575	1.33E-01
544	556792.35, 3776949.14	392.4218	1.21E-01
545	556812.35, 3776949.14	395.7289	1.22E-01
546	556832.35, 3776949.14	398.1846	1.22E-01
547	556852.35, 3776949.14	386.8849	1.19E-01
548	556672.35, 3776969.14	351.9759	1.08E-01
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552	556752.35, 3776969.14	444.8797	1.37E-01
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554	556792.35, 3776969.14	452.9769	1.39E-01
555	556812.35, 3776969.14	441.2447	1.36E-01
556	556832.35, 3776969.14	444.2048	1.36E-01
557	556852.35, 3776969.14	431.6952	1.33E-01
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563	556772.35, 3776989.14	540.8183	1.66E-01
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566	556832.35, 3776989.14	499.4947	1.53E-01
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575	556812.35, 3777009.14	565.7769	1.74E-01
576	556832.35, 3777009.14	566.6912	1.74E-01
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583	556772.35, 3777029.14	642.713	1.97E-01
584	556792.35, 3777029.14	717.8905	2.21E-01
585	556812.35, 3777029.14	648.2871	1.99E-01
586	556832.35, 3777029.14	651.1868	2.00E-01
587	556852.35, 3777029.14	641.068	1.97E-01
588	556672.35, 3777049.14	473.6484	1.46E-01
589	556692.35, 3777049.14	518.4932	1.59E-01
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591	556732.35, 3777049.14	619.8655	1.90E-01
592	556752.35, 3777049.14	658.0615	2.02E-01
593	556772.35, 3777049.14	678.4625	2.08E-01
594	556792.35, 3777049.14	829.7501	2.55E-01
595	556812.35, 3777049.14	787.8775	2.42E-01
596	556832.35, 3777049.14	758.6905	2.33E-01
597	556852.35, 3777049.14	750.5601	2.31E-01
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601	556987.54, 3776959.53	342.3601	1.05E-01
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606	557087.54, 3776959.53	121.961	3.75E-02
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614	557067.54, 3776979.53	137.7443	4.23E-02
615	557087.54, 3776979.53	128.0182	3.93E-02
616	556927.54, 3776999.53	479.7051	1.47E-01

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619	556987.54, 3776999.53	352.5815	1.08E-01
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622	557047.54, 3776999.53	157.4524	4.84E-02
623	557067.54, 3776999.53	145.7867	4.48E-02
624	557087.54, 3776999.53	137.9726	4.24E-02
625	556927.54, 3777019.53	548.9652	1.69E-01
626	556947.54, 3777019.53	517.9913	1.59E-01
627	556967.54, 3777019.53	440.3462	1.35E-01
628	556987.54, 3777019.53	328.8404	1.01E-01
629	557007.54, 3777019.53	218.9323	6.73E-02
630	557027.54, 3777019.53	182.6296	5.61E-02
631	557047.54, 3777019.53	168.516	5.18E-02
632	557067.54, 3777019.53	157.794	4.85E-02
633	557087.54, 3777019.53	155.8309	4.79E-02
634	556927.54, 3777039.53	634.4361	1.95E-01
635	556947.54, 3777039.53	555.604	1.71E-01
636	556967.54, 3777039.53	425.4158	1.31E-01
637	556987.54, 3777039.53	282.3539	8.67E-02
638	557007.54, 3777039.53	215.7099	6.63E-02
639	557027.54, 3777039.53	197.8991	6.08E-02
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641	557067.54, 3777039.53	184.505	5.67E-02
642	557087.54, 3777039.53	177.465	5.45E-02
643	557047.54, 3777059.53	221.5474	6.81E-02
644	557067.54, 3777059.53	209.0465	6.42E-02
645	557087.54, 3777059.53	195.1602	6.00E-02
646	556919.02, 3777174.93	1339.112	4.11E-01
647	556939.02, 3777174.93	949.8925	2.92E-01
648	556919.02, 3777194.93	1645.295	5.05E-01
649	556939.02, 3777194.93	1136.063	3.49E-01
650	556919.02, 3777214.93	1451.206	4.46E-01
651	556939.02, 3777214.93	1070.657	3.29E-01
652	556919.02, 3777234.93	1172.712	3.60E-01
653	556939.02, 3777234.93	947.5916	2.91E-01
654	556919.02, 3777254.93	894.1727	2.75E-01
655	556939.02, 3777254.93	777.1099	2.39E-01
656	557023.57, 3777171.57	394.3853	1.21E-01
657	557043.57, 3777171.57	343.5915	1.06E-01
658	557063.57, 3777171.57	302.875	9.31E-02
659	557083.57, 3777171.57	270.0543	8.30E-02
660	557023.57, 3777191.57	443.5148	1.36E-01
661	557043.57, 3777191.57	381.3633	1.17E-01
662	557063.57, 3777191.57	332.8473	1.02E-01
663	557083.57, 3777191.57	294.326	9.04E-02
664	557023.57, 3777211.57	439.2201	1.35E-01

665	557043.57, 3777211.57	380.3287	1.17E-01
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672	557023.57, 3777251.57	413.578	1.27E-01
673	557043.57, 3777251.57	365.6657	1.12E-01
674	557063.57, 3777251.57	323.6258	9.94E-02
675	557083.57, 3777251.57	284.5274	8.74E-02
676	556249.05, 3776972.85	122.4306	3.76E-02
677	556269.05, 3776972.85	126.285	3.88E-02
678	556229.05, 3776992.85	117.7531	3.62E-02
679	556249.05, 3776992.85	125.6848	3.86E-02
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681	556289.05, 3776992.85	137.3742	4.22E-02
682	556309.05, 3776992.85	142.2619	4.37E-02
683	556329.05, 3776992.85	149.1179	4.58E-02
684	556209.05, 3777012.85	109.0359	3.35E-02
685	556229.05, 3777012.85	119.7593	3.68E-02
686	556249.05, 3777012.85	124.4388	3.82E-02
687	556269.05, 3777012.85	131.1523	4.03E-02
688	556289.05, 3777012.85	137.5898	4.23E-02
689	556309.05, 3777012.85	145.9834	4.49E-02
690	556329.05, 3777012.85	153.0295	4.70E-02
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692	556229.05, 3777032.85	121.6687	3.74E-02
693	556249.05, 3777032.85	127.8598	3.93E-02
694	556269.05, 3777032.85	133.7553	4.11E-02
695	556289.05, 3777032.85	138.4094	4.25E-02
696	556309.05, 3777032.85	144.1146	4.43E-02
697	556209.05, 3777052.85	110.5213	3.40E-02
698	556229.05, 3777052.85	115.3899	3.55E-02
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719	556401.69, 3776987.49	191.8904	5.90E-02
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722	556461.69, 3776987.49	224.1356	6.89E-02
723	556481.69, 3776987.49	241.0607	7.41E-02
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732	556261.28, 3777141.2	134.2721	4.13E-02
733	556264.98, 3777168.16	134.9129	4.14E-02
734	556279.25, 3777151.77	141.5133	4.35E-02
735	556202.6, 3777113.45	116.2439	3.57E-02
736	556220.05, 3777109.75	119.2887	3.66E-02
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738	556164.27, 3777121.38	108.6591	3.34E-02
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743	557590.26, 3776508.23	39.90258	1.23E-02
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756	557650.26, 3776528.23	36.47667	1.12E-02
757	557670.26, 3776528.23	36.18594	1.11E-02
758	557690.26, 3776528.23	35.77039	1.10E-02
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764	557610.26, 3776548.23	37.17131	1.14E-02
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766	557650.26, 3776548.23	37.09217	1.14E-02
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773	557590.26, 3776568.23	38.03253	1.17E-02
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775	557630.26, 3776568.23	37.61368	1.16E-02
776	557650.26, 3776568.23	37.26798	1.14E-02
777	557670.26, 3776568.23	36.48839	1.12E-02
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792	557570.26, 3776608.23	39.42678	1.21E-02
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808	557690.26, 3776628.23	32.63351	1.00E-02

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816	557650.26, 3776648.23	33.8741	1.04E-02
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818	557690.26, 3776648.23	32.33527	9.93E-03
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842	556232.49, 3776517.81	96.98434	2.98E-02
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845	556292.49, 3776517.81	102.3982	3.15E-02
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848	556352.49, 3776517.81	107.3753	3.30E-02
849	556372.49, 3776517.81	104.6539	3.22E-02
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853	556452.49, 3776517.81	110.5411	3.40E-02
854	556472.49, 3776517.81	109.2502	3.36E-02
855	556492.49, 3776517.81	114.9526	3.53E-02
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867	556392.49, 3776537.81	111.7141	3.43E-02
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869	556432.49, 3776537.81	118.6995	3.65E-02
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872	556492.49, 3776537.81	115.9455	3.56E-02
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876	556392.49, 3776557.81	113.499	3.49E-02
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883	556352.49, 3776577.81	116.3071	3.57E-02
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885	556392.49, 3776577.81	120.5753	3.70E-02
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889	556472.49, 3776577.81	123.8532	3.81E-02
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894	556392.49, 3776597.81	124.9931	3.84E-02
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897	556452.49, 3776597.81	132.6987	4.08E-02
898	556472.49, 3776597.81	132.9037	4.08E-02
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902	556292.49, 3776617.81	112.3081	3.45E-02
903	556312.49, 3776617.81	114.7525	3.53E-02
904	556332.49, 3776617.81	118.3751	3.64E-02

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906	556372.49, 3776617.81	123.7604	3.80E-02
907	556392.49, 3776617.81	127.8191	3.93E-02
908	556412.49, 3776617.81	130.4666	4.01E-02
909	556432.49, 3776617.81	128.8627	3.96E-02
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911	556472.49, 3776617.81	139.2665	4.28E-02
912	556492.49, 3776617.81	136.2142	4.18E-02
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932	556372.49, 3776657.81	128.4161	3.95E-02

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957	556432.49, 3776697.81	148.49	4.56E-02
958	556452.49, 3776697.81	152.7168	4.69E-02
959	556472.49, 3776697.81	156.5259	4.81E-02
960	556492.49, 3776697.81	153.8252	4.73E-02
961	556252.49, 3776717.81	115.2945	3.54E-02
962	556272.49, 3776717.81	114.6311	3.52E-02
963	556372.49, 3776717.81	137.6496	4.23E-02
964	556392.49, 3776717.81	141.8377	4.36E-02
965	556412.49, 3776717.81	147.0908	4.52E-02
966	556432.49, 3776717.81	151.3969	4.65E-02
967	556452.49, 3776717.81	156.6027	4.81E-02
968	556472.49, 3776717.81	161.066	4.95E-02
969	556492.49, 3776717.81	164.6417	5.06E-02
970	556267.4, 3776875.81	129.1293	3.97E-02
971	556239.03, 3776853.02	123.5453	3.80E-02
972	556178.76, 3776751.21	104.3612	3.21E-02
973	556154.45, 3776774.51	103.9466	3.19E-02
974	556119.5, 3776705.11	94.3392	2.90E-02
975	556146.51, 3777267.93	100.449	3.09E-02
976	556151, 3777234.88	101.0444	3.10E-02
977	556144.93, 3777179.58	100.7368	3.09E-02
978	556205.18, 3777236.46	113.2124	3.48E-02
979	556218, 3777200.04	118.4034	3.64E-02
980	556773.51, 3777349	576.4656	1.77E-01

Potential To Emit Calculator for Gasoline Dispensing Facilities

11/12/2013

This sheet calculates the maximum fuel throughput, based on the number of vehicle refueling positions at your GDF. The calculations use fixed values for hours of operation, the time required for each refueling event, and the average amount of fuel dispensed per refueling event.
The sheet than calculates the emissions of VOC from your GDF, based on emissions factors and the attainment status of your location. Note that while this calculator is designed primarily to address emissions of gasoline vapor, it includes algorithms to account for diesel fuel vapor as well and could even be used if the sole fuel dispensed was diesel.

HD truck diesel refueling positions	0
Automotive dispensers with gasoline or diesel	2
Automotive/Nonroad Diesel Refueling Positions	0
Gasoline Vehicle Refueling Positions	**10**
Location - Ozone Attainment Status	**Nonattainment Area**

Max. Gasoline Throughput If No Automotive/nonroad Diesel	**4,586,736**	**gallons/year**	**Max. Automotive/Nonroad Diesel Throughput**	**38,544**	**gallons/year**	**4,625,280 gallons/year**
Max. Combined Automotive plus HD Truck Diesel Throughput	**38,544**	**gallons/year**	**Max. HD Truck Diesel**	**0**	**gallons/year**	rounded up to 5.0 million gallons

Internally fixed values in calculation -- gasoline and automotive/nonroad diesel

Average time between start of refueling events	0.25	hours
Number of hours of GDF operation per day	24	hours/day
Number of days per year open for business	365	days/year
Number of gallons per refueling event	11	gal/refueling event
Percent of refueling events which use automotive diesel dispensers	5	%/year

Internally fixed values -- HD truck diesel

Average time between start of refueling events	0.33	hours
Number of hours of GDF operation per day	24	hours/day
Number of days per year open for business	365	days/year
Number of gallons per refueling event	110	gal/refueling event

Gasoline VOC Emissions -- apply these values to GDFs using USTs or ASTs[7]

Description [4]	VOC Emission factor (lb/1,000 gal)	Potential to Emit VOC (tons/yr)
Add'l Emissions for Small Volume GDFs[6]	12.0	0.000
Storage Tank Filling [1]	0.30	**0.688**
Storage Tank Breathing Losses [2]	0.25	**0.573**
Dispensing [3]	0.32	**0.734**
Totals	**0.870**	**1.995**

Diesel VOC Emissions -- apply these values to GDFs using USTs or ASTs

Description [4]	VOC Emission factor[5]	Potential to Emit VOC
	(lb/1,000 gal)	(ton/yr)
Storage Tank Filling	0.040	**0.001**
Storage Tank Breathing Losses	0.028	**0.001**
Dispensing	0.040	**0.001**
Totals	**0.108**	**0.002**

Methodology
Maximum Throughput (gal/yr) = vehicle refueling positions / refueling event time (hrs) x hours of operation (hr/yr) x fuel dispensed (gal/refueling event)
Potential to Emit of VOC (tons/yr) = Maximum Throughput (gal/yr) x VOC Emission Factor (lb/1,000 gal) x 1 ton/2,000 lbs

Notes:
Emission factors are from AP 42, Chapter 5.2, Transportation and Marketing of Petroleum Liquids, Table 5.2-7, (June 2008), except where noted.

[1] Assume Stage 1 controls are in place. 40 CFR 63, Subpart CCCCCC requires that new or modified gasoline dispensing facilities with a monthly throughput greater than 100,000 gallons per month install Stage 1 vapor balance system that achieves a 90% emissions reduction.

[2] 40 CFR 63, Subpart CCCCCC requires that new or modified gasoline dispensing facilities with a monthly throughput greater than 100,000 gallons per month install pressure/vacuum (PV) vent valves on the storage tank vent pipes. This model uses a 75 percent efficiency for PV valves in reducing breathing losses.

[3] The displacement VOC emission rate in lbs/1000 gallons depends on the gasoline Reid Vapor Pressure, the dispensed fuel temperature, and the difference between the temperature of the fuel in the tank and the dispensed fuel. For these purposes EPA calculated the uncontrolled displacement VOC emission rate in lbs/1000 gallons. EPA has used 10 psi RVP and national average summer-time temperatures for ozone attainment areas. This yields a value of about 10.8 lbs/1000 gallons. EPA has used 7 psi RVP and temperatures representative of the summer-time western US for ozone non-attainment areas. This yields a value of about 7.5 lbs/1000 gallons. In 76 FR 41723, EPA determined that 80% of the vehicle fleet will have ORVR installed as of 2014, and widespread use will be achieved on a national basis on June 30, 2013. Therefore, this value has been reduced by 80% for 2014 and increases each year subsequent to 2014 as fleet turnover occurs.
See memorandum to Public Docket EPA-HQ-OAR-2010-1076, Updated Data for ORVR Widespread Use Assessment, Glenn Passavant, OTAQ, 2012 and
U.S.EPA, Guidance on Removing Stage II Gasoline Vapor Control Programs from State Implementation Plans and Assessing Comparable Measures, EPA-457/B-12-001, August 7, 2012.

[4] Even though spillage is a specific category of emissions related to fuel dispensing in AP-42, it is considered a fugitive emission for purposes of NSR permits and thus is not included here.