

FINAL

Air Quality: Construction Emissions Assessment Technical Report

**DFW Airport – 19th Street Development
December 2022**

HDR Project No.	10345433
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Acronyms and Abbreviations

ACM	Asbestos-Containing Materials
ACRP	Airport Cooperative Research Program
APU	Auxiliary Power Unit
CAA	Federal Clean Air Act
CAP	Criteria Air Pollutant
CATEX	Categorical Exclusion
CH ₄	Methane
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalents
DFW	Dallas Fort Worth International Airport
EIS	Environmental Impact Statement
EV	Electric Vehicles
FAA	Federal Aviation Administration
GHG	Greenhouse Gases
GSE	Ground Support Equipment
GWP	Global Warming Potential
HAP	Hazardous Air Pollutants
MOVES3	Motor Vehicle Emission Simulator (version 3, Jan. 2021)
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
O ₃	Ozone
Pb	Lead

PM ₁₀	Particulate Matter Less Than 10 Microns in Diameter
PM _{2.5}	Particulate Matter Less Than 2.5 Microns
RTC	Regional Transportation Council
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SOP	Standard Operating Procedure
tpy	Tons Per Year
TCEQ	Texas Commission on Environmental Quality
TRB	Transportation Research Board
TexN2.2	Texas-specific emissions model for nonroad mobile sources
USEPA	United States Environmental Protection Agency
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds

Executive Summary

This technical report provides an assessment of the air quality impacts associated with the 19th Street Redevelopment Project at Dallas Fort Worth International Airport (the Airport or DFW) (the “Proposed Action”). The Proposed Action consists of airside and landside improvements that would create an operationally functional cargo area and to provide unimpeded access to the southeast apron, by B737-800. The Proposed Action would provide aircraft parking positions and cargo buildings to support operations by aircraft such as the B747-400 and the B777-200. The Proposed Action would include the construction of two warehouse buildings with office space (“Building 1” and “Building 2”), landside single-sided truck docking and storage and employee and customer parking stalls, five new widebody aircraft positions for Building 1 and 2, improvements for the two existing hardstand positions, new airside pavement, and alterations to Taxiways C and Z, and Taxilane Z, along with all necessary supporting infrastructure (see **Figure 1**).

HDR evaluated impacts to air quality due to the Proposed Action for National Environmental Policy Act (NEPA) purposes in accordance with the guidelines provided in the Federal Aviation Administration (FAA) Aviation Emissions and Air Quality Handbook Version 3 Update 1 (FAA Handbook); FAA Order 5050.4B, NEPA Implementing Instructions for Airport Actions; and FAA Order 1050.1F, Environmental Impacts: Policies and Procedures.

HDR estimated criteria air pollutant (CAP) and greenhouse gas (GHG) emissions associated with construction of the Proposed Action. Proposed Action construction emission estimates were developed based on 1) activity estimates for vehicle, non-road equipment, and fugitive dust provided by the DFW and 2) emission factors from the United States Environmental Protection Agency (USEPA) Motor Vehicle Emission Simulator (MOVES3, January 2021 release), Texas Commission on Environmental Quality (TCEQ) TexN2.2, and USEPA AP-42 guidance.

HDR evaluated the Proposed Action’s significance with respect to air pollutant emissions by comparing the estimated emissions to applicable USEPA *de minimis* levels under General Conformity Rules (40 CFR 93, Subpart B). As of November 7, 2022, DFW is in a Severe Ozone Non-Attainment Area for the 2008 8-hour ozone standard.¹ Therefore, the Proposed Action is subject to 25 tons per year (tpy) volatile organic compounds (VOC) and nitrogen oxides (NOx) *de minimis* thresholds under the General Conformity Rules. This analysis was initiated to determine compliance with the Clean Air Act (CAA) and the Texas Commission on Environmental Quality (TCEQ) Dallas-Fort Worth Eight-Hour Ozone State Implementation Plan (SIP). **Table 1** shows that maximum annual construction emissions are well below applicable *de minimis* thresholds.

¹ [Texas Commission on Environmental Quality. Dallas-Fort Worth: Current Attainment Status. Effective November 7, 2022. Available at: www.tceq.texas.gov/airquality/sip/dfw/dfw-status](http://www.tceq.texas.gov/airquality/sip/dfw/dfw-status)

Table 1. Proposed Action Construction Emissions and Comparison to General Conformity *de minimis* Thresholds.

Project Year	Project Emissions (tons/yr)		General Conformity De Minimis Threshold ¹ (tons/yr)	
	NOx	VOC	NOx	VOC
2023	3.69	0.26	25	25
2024	8.14	0.84	25	25

¹ Source: 40 CFR 93 § 153 *de minimis* thresholds applied to Dallas-Fort Worth Non-Attainment Area "severe" classification.

1 Introduction

This technical report has been prepared to address the potential air quality impacts associated with the Proposed Action. In conformance with the NEPA, this analysis identifies and assesses the impacts that would result from the Proposed Action's emission of CAPs and discloses emissions of GHGs.

This analysis evaluates the potential air quality-related impacts of the Proposed Action, which would construct two warehouse buildings with office space and build out airside and landside improvements in the Northwest Cargo area. This technical report describes the scope and methodology for evaluation of air quality from construction sources. Operational emissions will be determined at a future time. The results of these evaluations are compared to the standards of significance identified by the Federal CAA, as outlined below.

1.1 Overall Approach and Regulatory Setting

NEPA provides for an environmental review process to disclose the potential impacts, including on air quality, from a proposed federal action on the human environment. Per the USEPA, NEPA's policy is to assure that all branches of government properly consider the environment prior to undertaking any major federal action that significantly affects the environment.

The impacts to air quality due to the Proposed Action for NEPA purposes are determined in accordance with the guidelines provided in the FAA Aviation Emissions and Air Quality Handbook Version 3 Update 1 (FAA Handbook); FAA Order 5050.4B, NEPA Implementing Instructions for Airport Actions; and FAA Order 1050.1F, Environmental Impacts: Policies and Procedures. Potential air quality and climate impacts are categories that are required to be analyzed per these orders and guidance.

FAA 1050.1F, Exhibit 4-1 defines the significance threshold for air quality as when "[t]he action would cause pollutant concentrations to exceed one or more of the National Ambient Air Quality Standards (NAAQS), as established by the USEPA under the CAA, for any of the time period analyzed, or to increase the frequency or severity of any such existing violations." FAA guidance requests that an Air Quality analysis focus on NAAQS criteria air pollutants and that a separate section of the assessment should address Climate, which requires a qualitative analysis of greenhouse gas (GHG) emissions.

The CAA requires adoption of NAAQS, which are periodically updated, to protect public health and welfare from the effects of air pollution. Current federal standards are set for sulfur dioxide (SO₂), carbon monoxide (CO), nitrogen dioxide (NO₂), ozone (O₃), particulate matter less than 10 microns in diameter (PM₁₀), particulate matter less than 2.5 microns (PM_{2.5}), and Lead (Pb).² Specific geographic areas are classified as either "attainment" or "non-attainment" areas for each pollutant based upon comparison of ambient monitoring data with NAAQS. Those areas designated as "non-

² USEPA. NAAQS Table. Available at: <https://www.epa.gov/criteria-air-pollutants/naaqs-table>. Accessed: September 2022.

attainment” for purposes of NAAQS compliance are required to prepare regional air quality plans, which set forth a strategy for bringing an area into compliance with the standards. These regional air quality plans are developed to meet federal requirements and are included in an overall program referred to as the SIP.

The Project site is in Dallas and Tarrant Counties which have been designated by the USEPA as being in attainment and non-attainment with the following NAAQS, respectively.³

- *Attainment or Unclassified:* CO (1-hr, 8-hr), NO₂ (1-hr, Annual), Sulfur Dioxide (SO₂) (1-hr, 3- hr), PM₁₀ (24-hr), PM_{2.5} (24-hr, Annual), and Pb (Rolling 3-month average);
- *Non-Attainment:* O₃ (2008 8-hr, Severe), O₃ (2015 8-hr, Moderate)⁴.

As indicated above, EPA NAAQS non-attainment classifications for the project area are limited to ozone. Ozone (O₃) is not directly emitted but is formed in the atmosphere when NO_x and VOC react under exposure to solar radiation. Ozone is considered a regional pollutant because NO_x and VOC emissions throughout the airshed are involved in the formation of ozone. A regional photochemical model that considers emissions throughout the airshed is used to model ozone concentrations. The potential impacts to ozone concentrations are typically based on estimates of the annual or daily emissions of NO_x and VOC. Air pollutant emissions from construction and any net increases in NO_x or VOC emissions associated with operation of the Proposed Action would be relevant to ozone formation and concentration, especially if the emissions increases exceed the General Conformity *de minimis* thresholds.

1.2 Existing Conditions

DFW is jointly owned by the cities of Dallas and Fort Worth, Texas, and included portions in both Dallas and Tarrant counties. In 2021, DFW was ranked 2nd for passenger movements with over 62 million passengers and was the 10th busiest cargo airport in North America.⁵ DFW covers over 17,000 acres of land area and has five passenger terminals (A, B, C, D, and E). Its airfield system consists of seven runways separated by a spine road, International Parkway, into the east and west airfield complexes.

DFW currently has six cargo complexes: the Northeast Cargo, American Airlines Cargo, and the 5E Cargo areas on the east side and the Northwest Cargo, UPS, and International Air Cargo (IAC) on the west side (see **Figure 1**). In Fiscal Year 2018 (FY18), DFW supported an average of 75,957

³ USEPA. Greenbook. 2022. Texas Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants. Dallas-Fort Worth. Available at: https://www3.epa.gov/airquality/greenbook/anayo_tx.html. Accessed: September 2022.

⁴ [Texas Commission on Environmental Quality. Dallas-Fort Worth: Current Attainment Status. Effective November 7, 2022. Available at: www.tceq.texas.gov/airquality/sip/dfw/dfw-status](https://www.tceq.texas.gov/airquality/sip/dfw/dfw-status)

⁵ 2021 North American Airport Traffic Summary (Cargo), Airports Council International (ACI) North America. Available at: <https://airportsCouncil.org/wp-content/uploads/2022/08/NAM2021-Top-50.xlsx>. Accessed: September 2022.

cargo tons per month across all carrier types. In FY22, DFW supported an average 85,500 cargo tons per month, which accounts for approximately 12.5% growth over a period of three years.

The Northwest Cargo Campus is comprised of multiple buildings, an airside ramp area, and landside pavement for building access. To complete the proposed development, Building 221, the adjacent parking, and apron will need to be demolished. The existing project area has multiple roadway access points towards West Airfield Drive and 19th Street. Buildings that are located to the south of the proposed project will remain unchanged. Towards the east, the project site has airside access through Taxiway C and Taxilane Z. South of buildings 220 and 221, there are apron areas adjacent to the cargo buildings and Taxilane Z (see **Figure 2**).⁶

⁶ Dallas Fort Worth International Airport. *Basis of Design Narrative: 19th Street Cargo Redevelopment*. August 23, 2022.

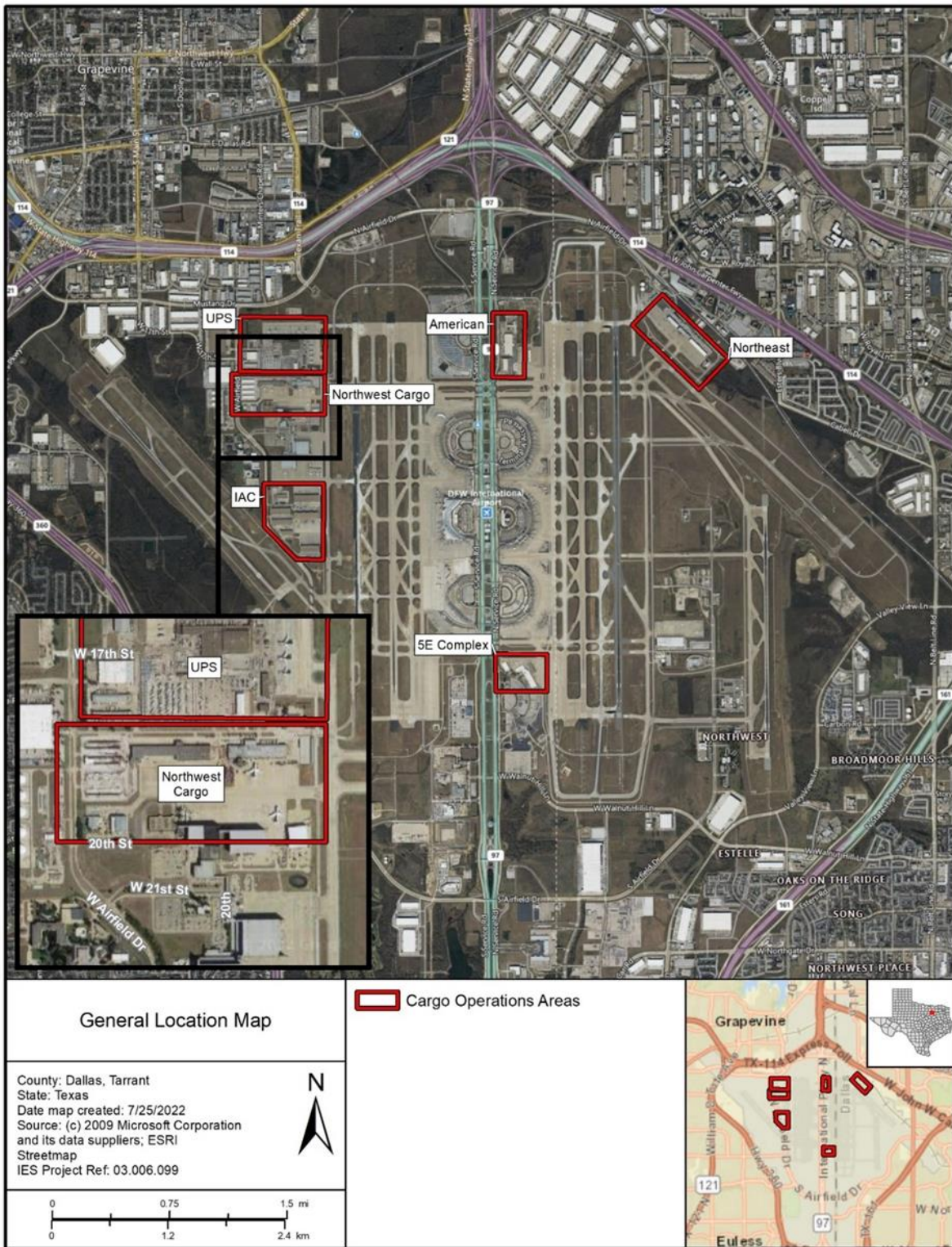
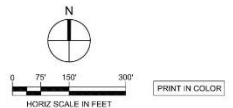
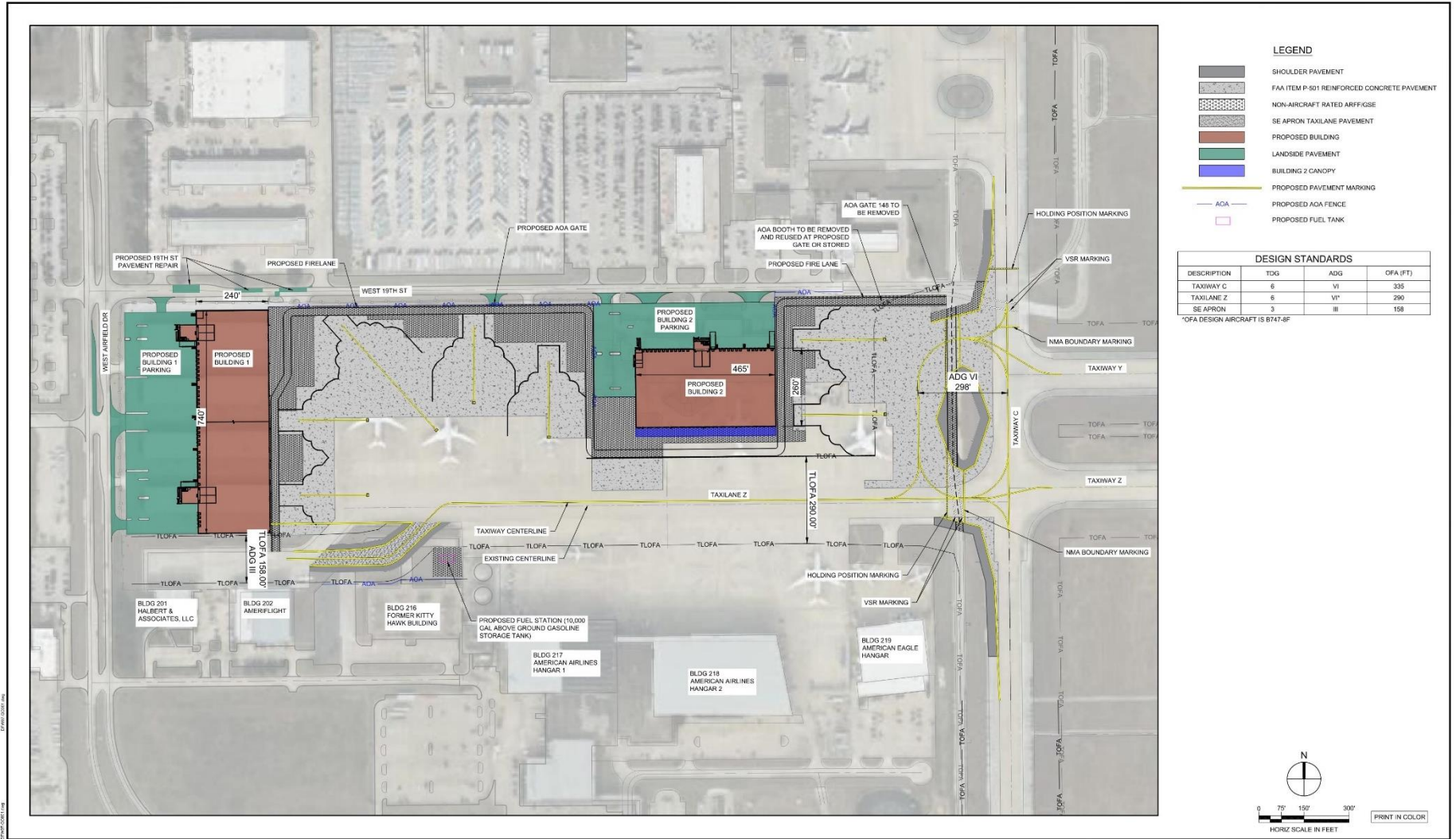


Figure 1. DFW General Location and DFW Cargo Operations Areas.



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Figure 2. Proposed Action Site Plan

1.3 Proposed Action

DFW is proposing to construct the 19th Street Cargo Development Project (*Proposed Action*). The Proposed Action would include airside and landside improvements that would create an operationally functional cargo area and to provide unimpeded access to the southeast apron, by B737-800 and other smaller aircraft. The Proposed Action would provide aircraft parking positions and cargo buildings to support operations by aircraft such as the B747-400 and the B777-200. The *Proposed Action* (**Figure 2**) would include the following elements:

- Demolition of one cargo building, the associated ramp, adjacent driveways, and obsolete utilities;
- Abatement of asbestos-containing materials (ACM) located within the project area prior to demolition and construction
- Construction of two new cargo buildings, five aircraft parking positions, associated landside surface parking, and new aircraft ramp pavement;
- Reconstruction of two aircraft hardstand positions;
- Roadway improvements including construction of deceleration lanes and access driveways
- Reconfiguration of Taxiways C and Z, and modifications to Taxilane Z for optimized aircraft movement
- Construction of hydrant fuel pits, requisite distribution infrastructure, and a new vehicle fuel station;
- Construction of new Air Operations Area (AOA) access gates and AOA fence;
- Installation of lighting systems and construction of requisite utilities, including communications, electrical, stormwater, potable water, sanitary sewer, jet fuel, glycol, and natural gas;
- Construction of an oil/water separator and requisite underground stormwater collection/management infrastructure

Air quality and GHG emissions from construction of the Proposed Action are analyzed for the anticipated construction years of 2023 and 2024. Proposed Action construction emissions are described in Section 2.4.1 and evaluated for significance in Section 4.1.1 of this technical report.

2 Methodology and Inventory

The steps conducted in performing this air quality analysis are consistent with the FAA Handbook as follows: (1) determine the need for the assessment; (2) select the assessment methodology; and (3) conduct the assessment and assess the Proposed Action's impact relative to the numeric thresholds.

2.1 Need for Assessment

The FAA Handbook lays out the following steps to determine when an air quality assessment is required and the type of assessment that may be needed.

1. Determine the Project definition, described in Section 1.3.
2. Determine whether FAA involvement is associated with the Proposed Action; DFW has already been in discussions with the FAA regarding this Proposed Action. In this step, the Proposed Action has been confirmed not to fall under a categorical exclusion (CATEX), so an environmental assessment or environmental impact statement (EIS) will be developed.
3. Determine if the Proposed Action will cause or create a reasonably foreseeable increase in air emissions. As described further below, construction of this Proposed Action may cause an increase in air emissions.
4. Establish the attainment/nonattainment status for the Project area and identify pollutants for which the area is designated nonattainment or maintenance, described in Section 1.1.
5. Evaluate agency/public scoping comments concerning air quality; this is only a requirement when preparing an EIS and is not addressed explicitly in this report.

Based on the results of Steps 1 through 4 above, an air quality assessment has been conducted as described below.

2.2 Assessment Methodology

The FAA Handbook describes several different potential assessment methodologies that could be pursued when an air quality assessment is needed. Figure 4-5 of the FAA Handbook provides examples that show which methodologies are appropriate, potentially appropriate, or unnecessary for various project action categories (see **Figure 3**).

The potential methodologies are summarized in Section 2.2, and methodologies that were used for the Proposed Action are described below. The type of project for this proposed action fits within the category "New or Expanded Cargo Facility" for determining the assessment methodology. This category lists the construction emissions inventory as "appropriate" and all other methodologies as "potentially appropriate." The decision to evaluate the "potentially appropriate" methodologies were assessed using Project-specific information.

Figure 4-5. Air Quality Assessment Examples^{1,2}

Project/Action Category	Operational Emissions Inventory	HAPs Emissions Inventory	GHG Emissions Inventory	Construction Emissions Inventory	Dispersion Modeling
Project Type					
New Airport	■	■	■	■	▣
New Runway	■	■	■	■	▣
Major Runway Extension	▣	▣	▣	■	▣
New or Expanded Terminal	▣	▣	▣	■	▣
Relocated Terminal	▣	▣	▣	■	▣
Roadway Modifications	▣	▣	▣	■	▣
New or Expanded Cargo Facility	▣	▣	▣	■	▣
New or Expanded Parking	▣	▣	▣	■	▣
New or Expanded Utility Plant	▣	▣	▣	■	▣
New Fuel Storage System	□	▣	□	■	□
New or Modified Taxiway	□	▣	□	■	▣
Runway Safety Area	□	□	□	▣	□
Runway Rehabilitation	□	□	□	□	□
Obstruction Removal	□	□	□	□	□
Air Traffic Control Tower	□	□	□	▣	□
Action Type					
Increase in Aircraft Operations	▣	▣	▣	□	▣
Change in Runway Utilization	▣	▣	▣	□	▣
Change in Fleet Mix	▣	▣	▣	□	▣
Increase in Taxi Time/Delay	▣	▣	▣	□	▣
Increase in Motor Vehicle Trips	▣	▣	▣	□	▣
Air Traffic Procedures < 3,000 ft	▣	▣	▣	□	□
Air Traffic Procedures > 3,000 ft	□	□	□	□	□
Land Acquisition	□	□	□	□	□
Navigational System	□	□	□	□	□
¹ The symbols indicate the relative level of appropriateness of an analysis to a project/action: ■ = High, ▣ = Medium, □ = Low ² Importantly, the information provided in this figure is not meant to be definitive or all-inclusive in terms of dictating the type(s) of air quality assessments that are required for FAA projects or actions. Rather, the information is provided as a guide in determining which analyses are the most appropriate.					

Figure 3. Air Quality Assessment Examples (FAA AQ Handbook v3, update 1 (2015))

- Construction Emissions Inventory: A construction emissions inventory is designed to quantify the mass of CAP emissions and precursors associated with construction activity in a proposed action. This is described in Sections 2.3 and 2.4.1 below.
- Greenhouse Gas Emissions Inventory: A GHG emissions inventory is designed to quantify the mass of GHG emissions associated with construction activity in a proposed action.
- Atmospheric Dispersion Modeling: Dispersion modeling is used to predict the air quality effects of the operational and construction emissions inventory by distributing and dispersing the emissions across a project area both spatially and temporally based on the operational and physical characteristics of the emission source(s) combined with meteorological and local terrain data. This is not necessary for this Proposed Action given

the nonattainment pollutant of interest (O_3) and the results of the construction emissions assessment below.

- Roadway “Hot-Spot” Analysis: Hot-spot modeling is designed to assess the effects of motor vehicle traffic emissions on local air quality conditions. This is not applicable to the Proposed Action given that it will not result in significant increases in vehicle traffic. In addition, the Proposed Action is not subject to Transportation Conformity, which is when a formal hot-spot analysis can be required.

2.3 Construction Scenarios Evaluated

HDR evaluated CAP and GHG emissions associated with construction of the Proposed Action. The Proposed Action, which is the only scenario evaluated, would include the construction of two warehouse buildings with office space, landside single-sided truck docking and storage and employee and customer parking stalls, five new widebody aircraft positions for the two cargo buildings, improvements for the two existing hardstand positions, new airside pavement, and alterations to Taxiways C and Z, and Taxilane Z, along with all necessary supporting infrastructure.

Construction emissions depend on activity levels for heavy-duty construction equipment, truck haul trips (bulk deliveries and demo debris to local landfill), and vehicle trips made by construction workers and vendors/material deliveries (cement mixer) traveling to and from the Proposed Action site. Construction activities would take place in 2023 and 2024 and include the following phases: demolition, staging, airfield, airside, Building 1, and Building 2. The Proposed Action construction is anticipated to take 13 months starting in August 2023. Building 1 construction is anticipated to begin in August 2023 and take 13 months to complete. An additional 3 months is anticipated for commissioning and closeout with no active construction. Operational activities would begin from Building 1 in September 2024. Construction of Building 2 is anticipated to start in November 2023, this is contingent upon the ACM abatement and demolition of Building 221, which is anticipated to start in August 2023 and last 3 months. Construction of Building 2 is scheduled to last 11 months with the end of construction being in September 2024. Commissioning and closeout are anticipated to last 3 months with no additional active construction. Building 2 is scheduled to be operational by January 2025. The construction equipment hours would be split so that approximately 24 percent would occur in 2023 and 76 percent would occur in 2024.

2.4 Construction Emissions Inventory Development

This section describes the methodology that HDR used to develop the construction emissions inventory for the Proposed Action. This analysis evaluates CAPs and GHGs. Disclosure of HAPs is recommended for operational emissions but not for construction. For this analysis, the following pollutants were considered:

- O_3 precursors: VOCs and NO_x
- Other CAPs: CO , SO_2 , PM_{10} , and $PM_{2.5}$
- GHGs: CO_2 (carbon dioxide), CH_4 (methane), N_2O (nitrous oxide); total GHG emissions are reported as CO_{2e} (carbon dioxide equivalents)

Because O₃ is a secondary pollutant (i.e., it is not directly emitted but is formed in the atmosphere), emissions of VOCs and NO_x, which react in the presence of sunlight to form ozone, were used to assess the potential for impacts on ozone levels.

CO₂e emissions were estimated based on 20-year global warming potential (GWP) estimates for CH₄ (84) and N₂O (264),⁷ conservatively, as 20-year GWPs will result in higher CO₂e estimates compared to 100-year GWP estimates.

To estimate CAP and GHG emissions from the Proposed Action, HDR directly or indirectly relied primarily on emissions estimation guidance from government-sponsored organizations, Project specific studies (e.g., design documents), DFW-provided project activity data, USEPA MOVES3, and TexN2.2 were used to generate mobile emission factors.

2.4.1 Construction Emissions Inventory

Proposed Action construction would generate CAP and GHG emissions from heavy-duty construction equipment activity, truck haul trips (bulk deliveries and demo debris to local landfill), and construction workers and vendor/material truck trips (cement mixer) to and from the site. Mobile source emissions would be generated from on-road vehicles and construction equipment, including but not limited to backhoes, dump trucks, excavators, graders, rollers, loaders, pavers, trenchers, forklifts, compressors, cranes, concrete saws, passenger vehicles/trucks, water trucks, and tractor trailers. A full list of construction equipment and vehicles is included in Appendix A. Emissions of NO_x, CO, SO₂, VOC, PM₁₀, and PM_{2.5} are included in the construction emissions inventory. Diesel-powered off-road construction equipment and traffic to and from the construction site would also generate GHGs. The assessment of construction air quality impacts considers each of the above sources. As DFW purchases 100% renewable electricity, there would be no indirect GHG emissions associated with electricity generation for construction of the Proposed Action.

To calculate Proposed Action construction emissions, HDR utilized DFW-provided activity estimates combined with the most recent emission factors from the USEPA MOVES3 emissions model and TexN2.2, and USEPA AP-42 guidance. Inventory activity and emission factors are described in Sections 2.4.1.1. and 2.4.1.2.

2.4.1.1 Emissions Inventory Activities

2.4.1.1.1 Project Schedule

The Proposed Action consists of several supporting project types as defined in Section 2.3 Construction Scenarios Evaluated. Each project type is further broken down into relevant construction activities. The overall project construction is anticipated to take place between August 2023 and September 2024. Anticipated project types and construction activities are shown in Table 2.

⁷ Intergovernmental Panel on Climate Change (IPCC), 2014. AR5 Synthesis Report: Climate Change 2014. Available at: <https://www.ipcc.ch/report/ar5/syr/>. Accessed: September 2022.

Table 2. Project Types and Construction Activities for the Proposed Action.

Project Types	Construction Activities
Demolition	Building demolition
Staging	SW Controls, Clearing & Grubbing, Stabilization, Fence, Utilities, Batch Plant, Trailer
Airside	SW Controls, Barricades, Demolition, Existing Tank Demolition, Pavement, Lights, Markings, Proposed Tank Install, Stabilization, Fence, APGS, Clean
Building 1	SW Controls, Barricades, Demolition, Lights, Pavement, Curb, Markings, Gate, Stabilization, Clean, Drainage, Sidewalk, Foundation, Utilities, Mezzanine, Structural, Enclosure, Interior, Finishes, Landscaping, Commissioning
Airfield	SW Controls, Barricades, Demolition, Pavement, Shoulders, Lights, Markings, Stabilization, Clean
Building 2	SW Controls, Barricades, Demolition, Pavement, Curb, Lights, Markings, Gate, Stabilization, Clean, Sidewalk, Drainage, Utilities, Foundation, Structural, Mezzanine, Enclosure, Interior, Finishes, Landscaping, Commissioning

2.4.1.2 Emission Factors

For this technical analysis, HDR used MOVES3 (2021 release) and TexN2.2 (2021 release) to develop emission factors for on-road vehicles and non-road equipment specific to Dallas County. The assumptions used for generating the emission factors are:

- Average speed of 32 mph for vehicles travelling On-road
- For grams/equipment-day calculations, a work-day was assumed to be 8 hours
- On-road emission rates/factors assumed to be from 8AM on a July 2023/2024 weekday
- Non-road emission rates/factors assumed to be from July 2023/2024 weekday

2.4.1.2.1 On-road

HDR used MOVES3 to estimate off-road equipment emission factors for calendar year 2023 and 2024. MOVES3 was run at a national scale for Dallas County, Texas. The DFW airport is located in both Tarrant and Dallas Counties. HDR has followed ACRP Report 102 guidance on county choice: “If the project spans multiple counties, the county with the greatest populace should be used, as the county is used to select the appropriate emission factors.”⁸ Emissions and activity were output from MOVES by vehicle type, fuel type, and process type for each calendar year. Emissions were aggregated over nine emission process types to facilitate application to activity for development of Proposed Action emissions.

⁸ Transportation Research Board. ACRP Report 102: Guidance for Estimating Airport Construction Emissions. Available at: <http://www.trb.org/main/blurbs/170234.aspx>. Accessed: September 2022.

Table 3 lists MOVES emission process types, aggregate groupings, and activity surrogates. Emission factors were estimated by aggregate grouping by dividing MOVES output emissions by MOVES output activity.

Table 3. MOVES Process Grouping and Activity Surrogates.

MOVES Emission Process	Activity Surrogate	
	Description	Metric
Crankcase Running Exhaust ²	Distance	Miles
Running Exhaust ²	Distance	Miles
Brake Wear ³	Distance	Miles
Tire Wear ³	Distance	Miles
Evaporation Fuel Leaks ⁴	Distance	Miles
Evaporation Fuel Vapor Venting ⁴	Distance	Miles
Evaporation Permeation ⁴	Distance	Miles
Crankcase Start Exhaust ⁵	Starts	One-Way Trips
Start Exhaust ⁵	Starts	One-Way Trips
Crankcase Extended Idle Exhaust	Vehicle Population	Vehicle-days
Extended Idle Exhaust	Vehicle Population	Vehicle-days
Evaporation Fuel Vapor Venting ⁶	Vehicle Population	Vehicle-days
Evaporation Fuel Leaks ⁷	Vehicle Population	Vehicle-days
Evaporation Permeation ⁷	Vehicle Population	Vehicle-days
Refueling Spillage Loss ⁸	Vehicle Population	Vehicle-days
Refueling Displacement Vapor Loss ⁸	Vehicle Population	Vehicle-days

2.4.1.2.2 Non-road

HDR used TexN2.2 with MOVES3 to estimate emission factors for calendar year 2023 and 2024. TexN2.2 was run at a project scale for Dallas County, Texas. The DFW airport is located in both Tarrant and Dallas County. As stated above, HDR followed ACRP Report 102 guidance on county choice and used Dallas County as it has the largest population of the two. Emission and activity were output from TexN2.2 by equipment type, fuel type, and horsepower bin for construction, industrial, and airport/aviation sectors for 2023 and 2024. DFW-provided equipment activity was cross referenced to TexN2.2 equipment types based on name matching and experience in assigning appropriate types. Dallas County-specific emission factors were estimated for each equipment type and fuel type by dividing output emissions (tons per day) by output energy consumption (horsepower hours). MOVES3/TexN2.2 does not estimate N₂O emissions; therefore, N₂O was computed from the ratios of N₂O to CO₂ emissions from diesel combustion in Tables 13.1

and 13.7 of The Climate Registry Default Emission Factors, multiplied by CO₂ emissions from TexN2.2 output.⁹

2.4.1.2.3 Fugitives

Fugitive emissions and inputs from all fugitive source types are based on the most recent applicable USEPA AP-42 guidance documents and Western Governors' Association Western Regional Air Partnership (WRAP) Fugitive Dust Handbook.

Table 4. Fugitives Emission Estimation Methodology and Project-Specific Adjustments.

Fugitive Source	Methodology
Soil Handling	AP-42 13.2.4; WRAP Fugitive Dust Handbook ¹
Unstabilized Land and Wind Erosion	AP-42 11.9; WRAP Fugitive Dust Handbook ²
Material Movement (Paved Roads)	AP-42 13.2.1
Material Movement (Unpaved Roads)	AP-42 13.2.2
<p>¹ WRAP. WRAP Fugitive Dust Handbook Table 3-2 Recommended PM₁₀ Emission Factors for Construction Operations. https://www.env.nm.gov/wp-content/uploads/sites/2/2017/02/WRAP_FDHandbook_Rev_06.pdf. Accessed September 2022.</p> <p>² WRAP. WRAP Fugitive Dust Handbook. Table 11-6 Uncontrolled TSP Emission Factors for Western Surface Coal Mines. https://www.env.nm.gov/wp-content/uploads/sites/2/2017/02/WRAP_FDHandbook_Rev_06.pdf. Accessed September 2022.</p>	

The ratio of PM_{2.5} to PM₁₀ emissions for fugitives is provided in Table 5 by construction activity.

Table 5. Fugitives PM_{2.5} to PM₁₀ Emission Ratios.

Construction Activity	PM _{2.5} /PM ₁₀	Source
Material Movement (Paved Roads)	0.25	AP-42 13.2.1-1
Material Movement (Unpaved Roads)	0.1	AP-42 13.2.2-2
Soil Handling	0.15	AP-42 13.2.4
Unstabilized Land and Wind Erosion	0.15	AP-42 13.2.5

On-road, non-road, and fugitive dust emission calculations are found in Appendix B.

⁹ The Climate Registry. Default Emission Factors, April 19, 2016. Available at: <https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climateregistry-Default-Emission-Factors.pdf>. Accessed: March 2021.

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3 Significance Thresholds

This section discusses the criteria and general methods used to evaluate the Proposed Action's significance with respect to air quality impacts under NEPA.

The emissions inventories are used to determine the projected net annual increase in emissions, and the potential impact to air quality in the vicinity of DFW due to the Proposed Action. The General Conformity Rule helps ensure that federal activities do not cause or contribute to a violation of NAAQS. The General Conformity process begins with an Applicability Analysis. If General Conformity applies, the Agency must prepare a General Conformity Determination. Then federal, state and local air quality governance are engaged in a public review process of the agency's determination.

When performing a General Conformity applicability analysis, the FAA considers a range of factors, including:

- If action will occur in a Non-attainment or Maintenance Area
- If specific exemptions in the General Conformity Rule apply
- If the action is on the federal agency's list of "presumed to conform" activities
- If total emissions exceed General Conformity *de minimis* levels, and
- If an EPA-approved SIP has an emissions budget for which emissions with the action could be compared

If an action is not exempt or presumed to conform or found to cause emissions above applicable *de minimis* levels in any nonattainment or maintenance area, the agency must prepare a General Conformity Determination prior to taking the action.

DFW is in a Severe Ozone Non-Attainment Area (based on 2008 ozone standards); therefore, the 25 tpy VOC and 25 tpy NO_x *de minimis* thresholds apply to this Project.¹⁰ The maximum annual emissions are compared to applicable *de minimis* thresholds below to determine compliance under the General Conformity Rule and compliance with the CAA and the Texas SIP.

¹⁰ [Texas Commission on Environmental Quality. Dallas-Fort Worth: Current Attainment Status. Effective November 7, 2022. Available at: www.tceq.texas.gov/airquality/sip/dfw/dfw-status](http://www.tceq.texas.gov/airquality/sip/dfw/dfw-status)

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4 Results

4.1 Construction Emissions Inventory Results

The following analysis addresses whether the Proposed Action would exceed the *de minimis* thresholds described above; and if so, a General Conformity analysis would be needed. If a project's emissions do not exceed the *de minimis* thresholds, then the project is presumed to conform.

Criteria air pollutant and ozone precursor mass emissions were calculated based on methodology described in Section 2.4 above.

Table 6 presents CAP emissions associated with construction of the Proposed Action.

Table 6. Proposed Action Criteria Air Pollutant Construction/Demolition Emissions

Project Type	Emissions (tons/yr)					
	CO	NOx	SO ₂	PM ₁₀	PM _{2.5}	VOC
2023						
Airfield	0.16	0.32	<0.001	0.02	0.02	0.02
Airside	0.21	0.42	<0.001	0.03	0.03	0.3
Building 1	0.30	0.59	0.001	0.05	0.05	0.05
Building 2	0.20	0.38	<0.001	0.03	0.03	0.03
Demolition	0.19	0.47	0.001	0.03	0.03	0.03
Staging	0.07	0.15	<0.001	0.01	0.01	0.01
Fugitive Dust (all project types)	--	--	--	49.02	5.45	--
Onroad	1.13	1.38	0.003	0.78	0.22	0.09
2023 Emission Totals	2.29	3.69	0.01	49.98	5.84	0.26
2024						
Airfield	0.72	1.44	0.002	0.11	0.11	0.10
Airside	0.95	1.89	0.002	0.15	0.15	0.14
Building 1	1.35	2.65	0.003	0.21	0.20	0.21
Building 2	0.87	1.71	0.002	0.13	0.13	0.14
Fugitive Dust (all project types)	--	--	--	88.23	9.81	--
Onroad	5.12	0.45	0.005	0.47	0.12	0.25
2024 Emission Totals	9.01	8.14	0.01	89.31	10.52	0.84

Table 7 presents GHG emissions associated with construction of the Proposed Action by construction project type.

Table 7. Proposed Action Greenhouse Gas Construction/Demolition Emissions

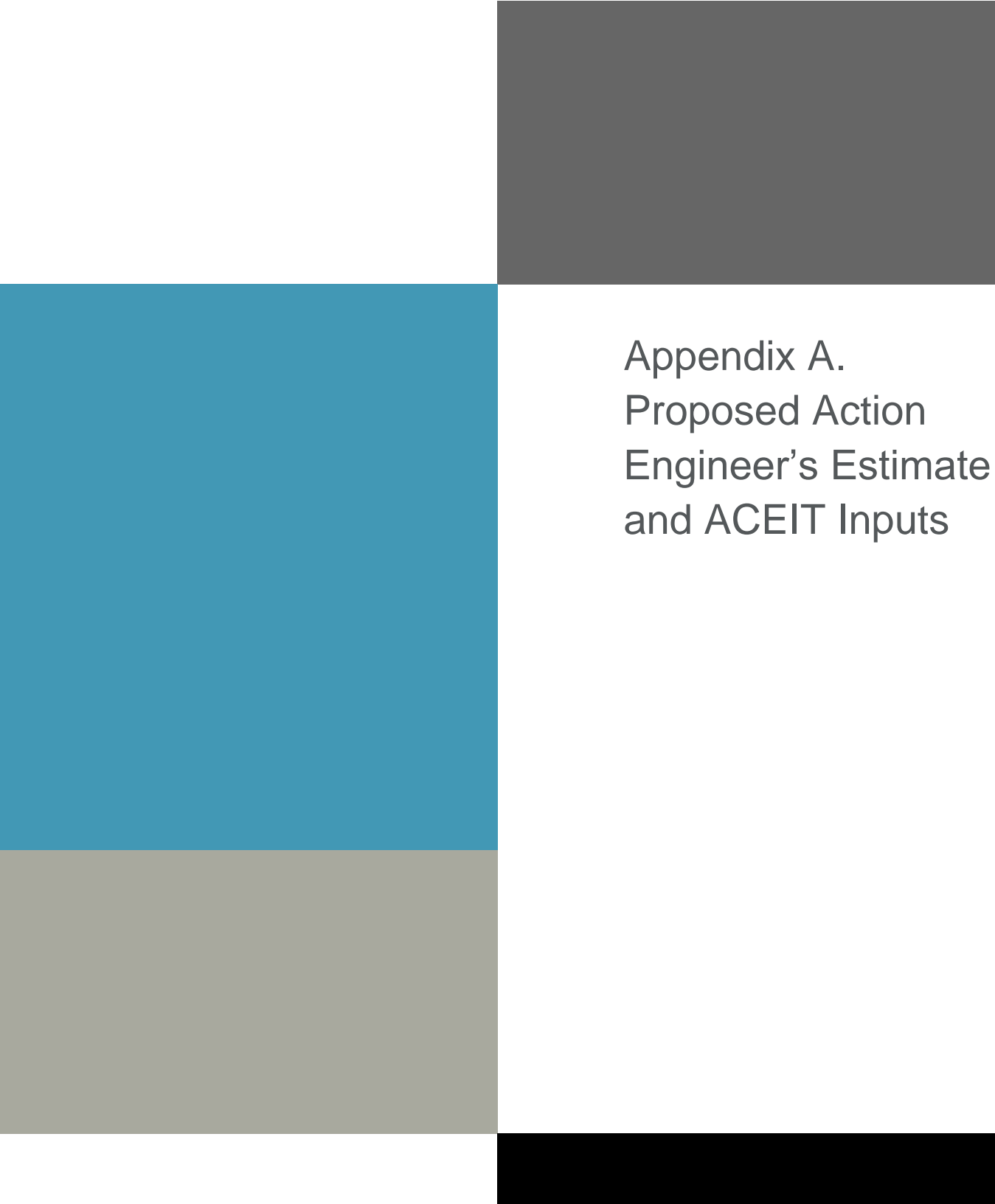
Project Type	Emissions (metric tons/yr)			
	CO ₂	CH ₄	N ₂ O	CO ₂ e
2023				
Airfield	139.98	0.001	0.006	141.74
Airside	177.17	0.002	0.008	179.39
Building 1	257.57	0.003	0.011	260.83
Building 2	166.86	0.002	0.007	168.97
Demolition	253.16	0.003	0.011	256.32
Staging	80.63	0.001	0.004	81.64
Onroad	738.42	0.012	0.003	740.15
2023 Emission Totals	1,813.80	0.024	0.050	1,829.02
2024				
Airfield	672.08	0.007	0.030	680.46
Airside	850.60	0.009	0.037	861.21
Building 1	1,236.54	0.014	0.054	1,252.06
Building 2	801.04	0.009	0.035	811.10
Onroad	872.31	0.019	0.005	875.15
2024 Emission Totals	4,432.58	0.056	0.162	4,479.98

As shown in Table 8, Proposed Action construction emissions are below *de minimis* thresholds for 2023 and 2024.

Table 8. Proposed Action Construction/Demolition Emissions Compared to Applicable General Conformity *de minimis* thresholds.

Project Year	Project Emissions (tons/yr)		General Conformity De Minimis Threshold ¹	
	NO _x	VOC	NO _x	VOC
2023	3.69	0.26	25	25
2024	8.14	0.84	25	25

¹ Source: 40 CFR 93 § 153 de minimis thresholds applied to Dallas-Fort Worth Non-Attainment Area "severe" classification



Appendix A. Proposed Action Engineer's Estimate and ACEIT Inputs

19th Street Cargo Redevelopment

Construction Equipment Hours Estimate Methodology Memo

Permit No. A22-068B

Date: 12/19/2022

Prepared by RS&H

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1 Project Summary

The project includes the demolition of a building and construction of two cargo facilities (Building 1 is 740' X 240' and Building 2 is 465' x 260'). Also included are the associated airside apron, taxilane pavement, landside parking facilities, and a staging area. A layout of the proposed project can be seen in **Figure 1-1**. A layout of the staging area can be shown in **Figure 1-2**. The staging area is approximately 1.5 miles travel distance away from the project site.

The purpose of this memo is to detail the process utilized to estimate the amount of construction engine hours that will be required to construct the proposed improvements.

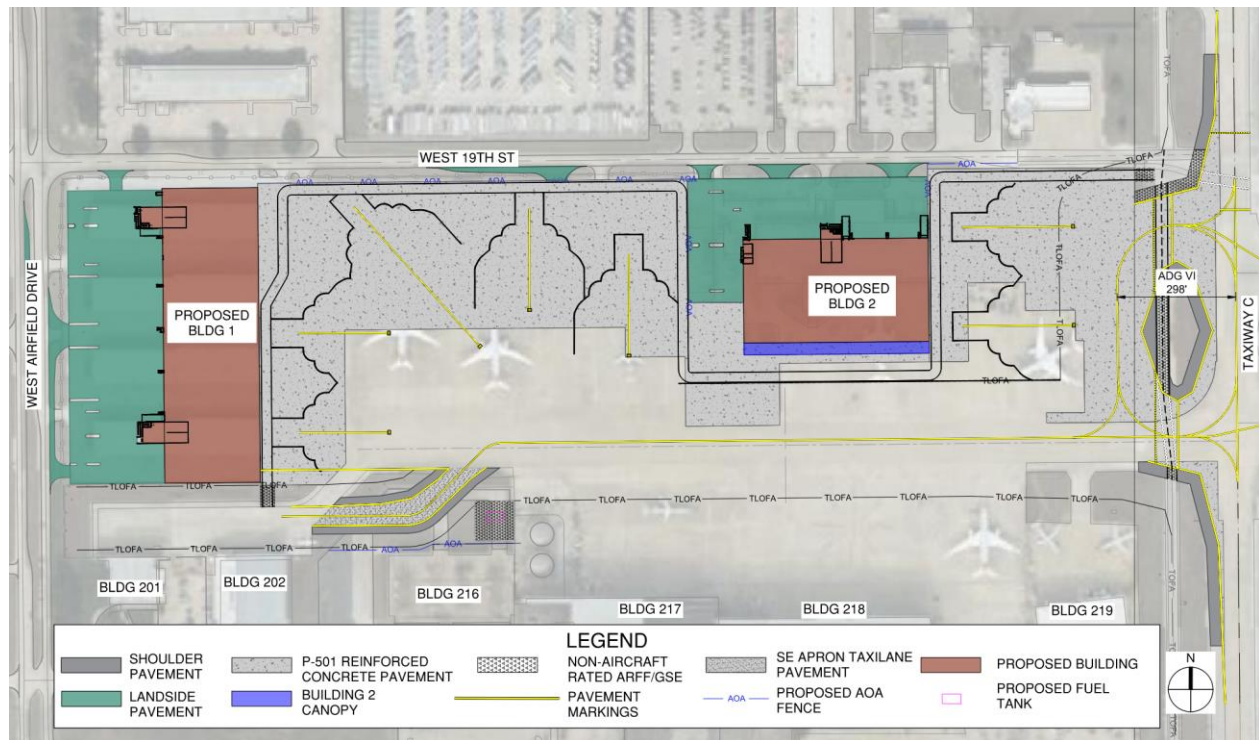


Figure 1-1: Project Layout

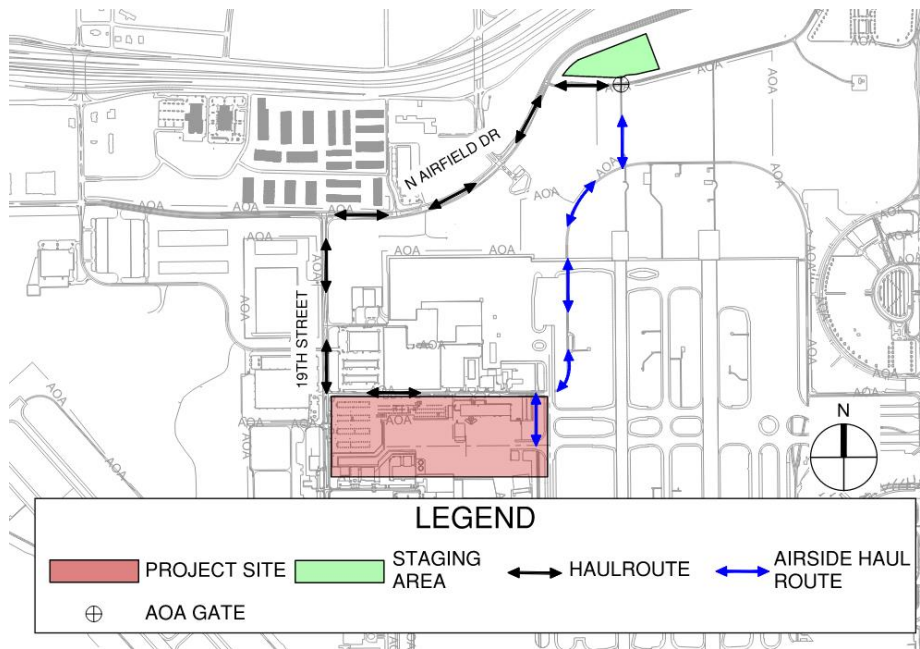


Figure 1-2: Staging Area Location

2 Construction Hour Estimate Methods

Two methods were utilized to estimate the number of total engine hours for construction. The initial results were then compared and merged to create an estimate that considers the unique aspects of the project and industry standard methods of construction. Below is a description of the two methods.

2.1 Engineer’s Estimate of Equipment Hours

The first method utilized was an engineer’s estimation based on the quantities of materials and assumed methods of construction based on the engineer’s expertise. The project was broken down into major components: Building 1, Building 2, Apron (pavement adjacent to Building 1), Airfield (pavement adjacent to Building 2 including the construction), parking lot pavement, staging, and demolition. These components can be seen in **Figure 2-1**. Contaminated soil anticipated to be removed, demolition of the existing American Airlines facility, and staging were calculated separately and then incorporated into the overall hours estimate. Each construction activity was assigned an estimated number of crew and equipment to perform the work at a specified work rate (i.e., 1,000 square yards per day for concrete pavement construction). Each construction activity was chronologically sequenced based on normal construction practices and separated by year based on the phasing and then aligned to the overall project construction schedule provided by DFW.

This methodology produced a simplified list of construction equipment that provides an overall view of the effort required while considering the phasing and construction time that spans multiple years.

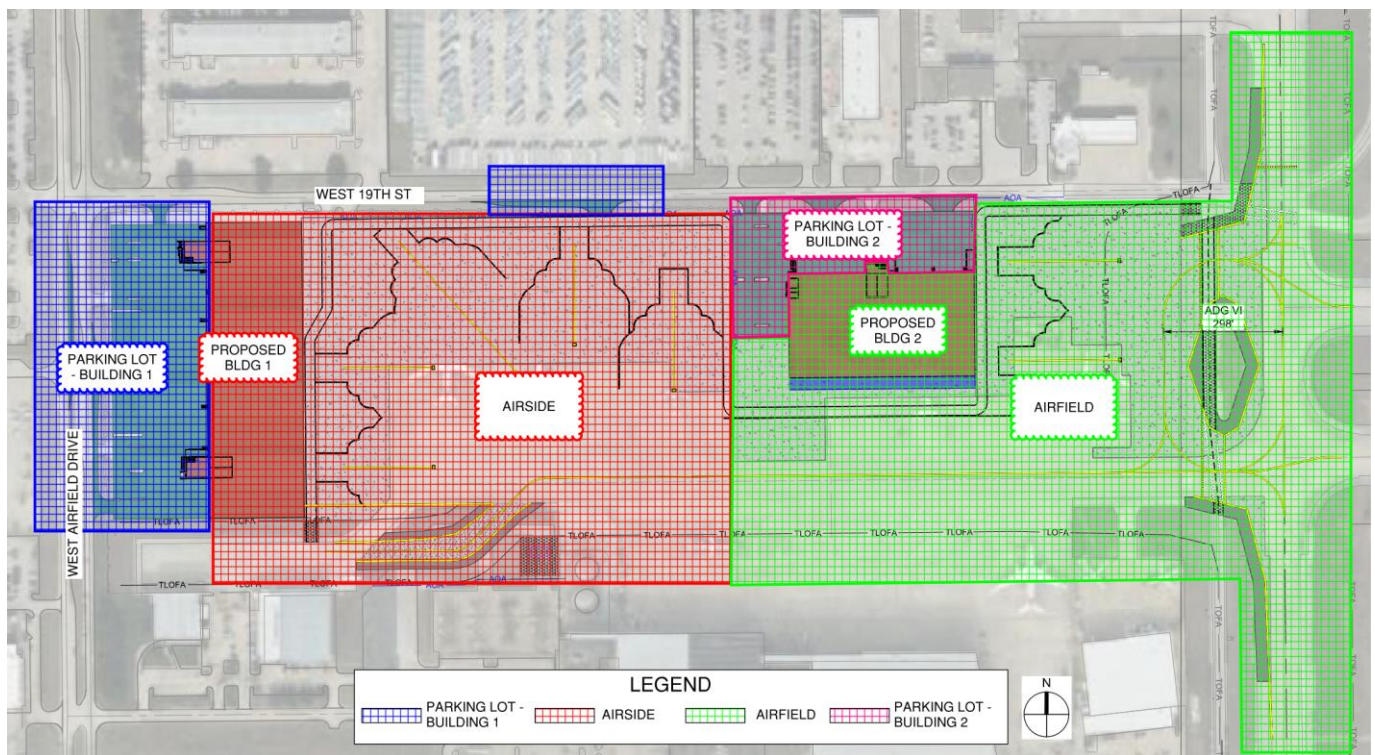


Figure 2-1: Project Components

2.2 Airport Construction Emissions Inventory Tool (ACEIT)

The second method utilized to estimate the total construction engine hours was an ACEIT Model using the NONROAD2008a and MOVES 2010b Model datasets. The model was run utilizing project specific inputs including the dimensions of the major construction items and project costs developed by DFW Design, Code, and Construction.

This methodology produces a more robust list of equipment to cover various construction activities and mirror common equipment used during the types of construction included in this project.

2.3 Merging the Two Methodologies

The results of the ACEIT Model were reviewed and compared to the Engineer's Estimate of Equipment Hours. The number of hours for several equipment types were adjusted in the ACEIT Model output based on this comparison to reflect equipment type ratios. The Engineer's Estimate took into account the phasing of the project that will split the paving work up and cause the effort to be less efficient than if the entire paving scope could be completed at one time and therefore contingency buffer was added. The total equipment hours were then split into the appropriate construction year using the distribution derived in the engineers' estimate.

2.4 On-Road Equipment Hours

On-road emission sources associated with construction of the Proposed Project often include material delivery vehicles (e.g., dump trucks, 18-wheelers carrying asphalt) and passenger vehicles transporting construction personnel to and from the job site. Material delivery vehicles are assumed to use diesel fuel, and passenger vehicles are assumed to use gasoline fuel. ACEIT provides an estimate of vehicle miles traveled based on the project's dimensions and costs for the number of trips that would have to take place over the construction of the project. The average speed used in calculations is 25 miles per hour. The vehicle miles traveled were converted to hours to stay consistent with the non-road calculations which is also in hours. The contaminated soils on-road equipment hours were derived by calculating the volume of soils that may be contaminated associated with the alignment of abandoned fuel lines. This volume was converted into a number of truck loads and associated truck trips to the appropriate land fill and finally converted to total vehicle hours.

2.5 Estimated Construction Schedule

-The proposed project schedule developed by DFW Design, Code and Construction on October 19, 2022 is shown in **Figure 2-2**. It was used to assign the specific sequence of construction activities developed in the Engineer’s Estimate into construction years. The sequence of construction activities from the Engineer’s Estimate of Equipment Hours was then used to create ratios per specific year and major project components over the total number of hours estimated. These ratios were used to split the total amount of equipment hours from the ACEIT model between the two years the project is expected to occur (2023 and 2024).

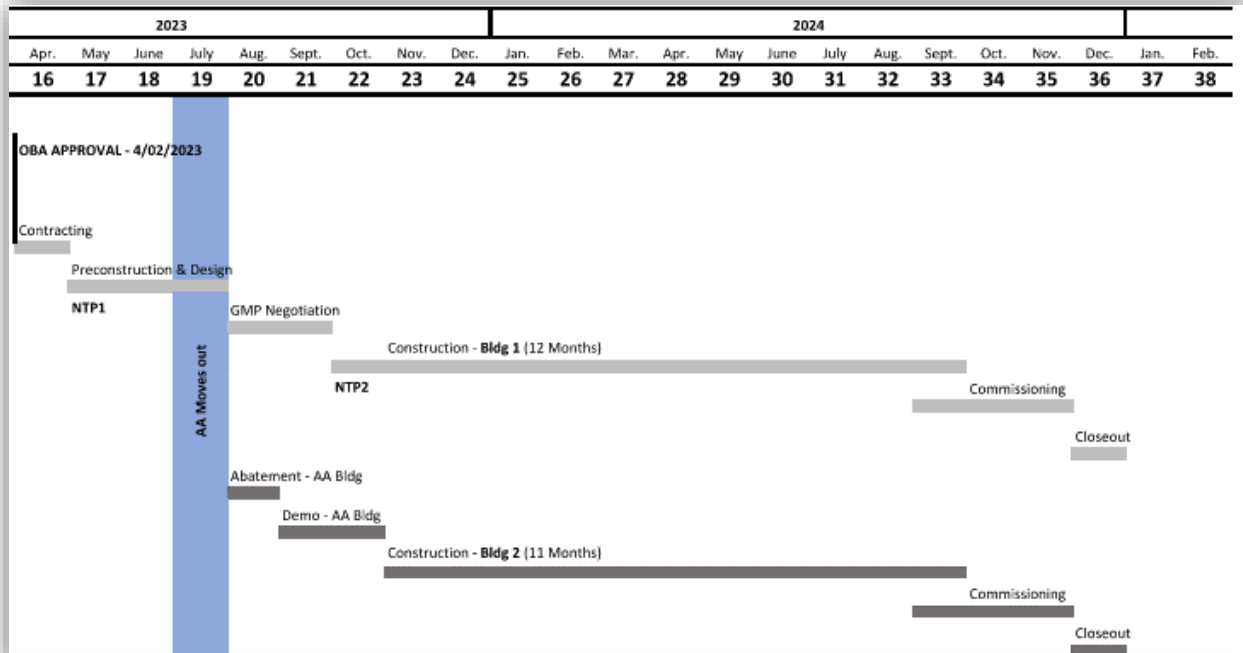


Figure 2-2: DFW Construction Schedule

3 Summary of Results

3.1 Non-Road Equipment Hours

The following tables list the types of non-road equipment used during each phase of construction, their average horsepower, and the number of hours modeled in year 1 and year 2 of construction. All of the equipment is presumed to use diesel fuels.

Table 3-1 through **Table 3-6** provide the non-road equipment hours for each major project component from the engineers estimate and ACEIT.

Table 3-1: Airfield Non-Road Equipment Hours

Airfield			
Equipment	Horsepower	Year 1 Hours	Year 2 Hours
Air Compressor	100	35	166
Asphalt Paver	175	64	308
Concrete Saws	40	35	166
Concrete Truck	600	146	700
Distributing Tanker	600	23	112
Dozer	175	179	857
Dump Truck	600	416	1,996
Excavator	175	39	189
Flatbed Truck	600	214	1,027
Grader	300	11	52
Hydroseeder	600	10	47
Loader	175	12	56
Off-Road Truck	600	10	47
Other General Equipment	175	413	1,982
Paving Machine	175	35	166
Pickup Truck	600	564	2,707
Pumps	11	9	43
Roller	100	111	533
Rubber Tired Loader	175	35	166
Scraper	600	43	208
Skid Steer Loader	75	24	115
Tractors/Loader/Backhoe	100	22	108
Water Truck	600	581	2,788
Total Airfield Hours		3,031	14,538

Table 3-2: Airside Non-Road Equipment Hours

Airside			
Equipment	Horsepower	Year 1 Hours	Year 2 Hours
Air Compressor	100	49	235
Asphalt Paver	175	91	436
Concrete Saws	40	49	235
Concrete Truck	600	206	990
Distributing Tanker	600	38	182
Dozer	175	252	1,210
Dump Truck	600	587	2,815
Excavator	175	56	268
Flatbed Truck	600	302	1,451
Grader	300	15	72
Hydroseeder	600	14	65
Loader	175	15	73
Off-Road Truck	600	14	65
Other General Equipment	175	587	2,817
Paving Machine	175	49	235
Pickup Truck	600	800	3,839
Pumps	11	12	60
Roller	100	157	754
Rubber Tired Loader	175	49	235
Scraper	600	61	294
Skid Steer Loader	75	32	155
Tractors/Loader/Backhoe	100	30	145
Water Truck	600	412	1,978
Total Airside Hours		3,879	18,609

Table 3-3: Building 1 Non-Road Equipment Hours

Building 1			
Equipment	Horsepower	Year 1 Hours	Year 2 Hours
40 Ton Rough Terrain Crane	300	70	335
90 Ton Crane	300	89	425
Auger Drill	175	105	502
Backhoe	100	701	3,363
Bob Cat	75	105	502
Compacting Equipment	6	70	335
Concrete Pump	11	89	425
Concrete Ready Mix Trucks	600	238	1,140
Concrete Truck	600	22	106
Excavator	175	59	284
Fork Truck	100	1525	7,315
Front Loader	100	244	1,172
Generator	40	30	142
Grout Mixer	600	155	744
Grout Wheel Truck	600	59	284
High Lift	100	425	2,037
Line Painting Truck and Sprayer	600	35	167
Man Lift	75	1,818	8,721
Material Deliveries	600	1,614	7,743
Other General Equipment	175	314	1,507
Paving Machine	175	140	670
Roller	100	70	335
Small Dozer	175	70	335
Survey Crew Trucks	600	21	101
Tool Truck	600	1,145	5,495
Tractor Trailers Temp Fac.	600	193	928
Trowel Machine	600	15	71
Truck Tower (Mantiwoc type)	300	340	1,631
Total Building 1 Hours		9,759	46,816

Table 3-4: Building 2 Non-Road Equipment Hours

Building 2			
Equipment	Horsepower	Year 1 Hours	Year 2 Hours
40 Ton Rough Terrain Crane	300	43	205
90 Ton Crane	300	59	284
Auger Drill	175	64	308
Backhoe	100	439	2,107
Bob Cat	75	64	308
Compacting Equipment	6	43	205
Concrete Pump	11	59	284
Concrete Ready Mix Trucks	600	153	733
Concrete Truck	600	15	71
Excavator	175	39	189
Fork Truck	100	1,005	4,823
Front Loader	100	150	718
Generator	40	20	95
Grout Mixer	600	103	496
Grout Wheel Truck	600	39	189
High Lift	100	279	1,340
Line Painting Truck and Sprayer	600	21	103
Man Lift	75	1,212	5,814
Material Deliveries	600	1,052	5,045
Other General Equipment	175	193	924
Paving Machine	175	86	411
Roller	100	43	205
Small Dozer	175	43	205
Survey Crew Trucks	600	13	63
Tool Truck	600	764	3,663
Tractor Trailers Temp Fac.	600	119	569
Trowel Machine	600	10	47
Truck Tower (Mantiwoc type)	300	227	1,087
Total Building 2 Hours		6,356	30,490

Table 3-5: Demolition Non-Road Equipment Hours

Demolition			
Equipment	Horsepower	Year 1 Hours	Year 2 Hours
Bob Cat	75	2,568	0
Dump Truck	600	2,568	0
Excavator	175	1,284	0
Generator Sets	40	1,284	0
Pickup Truck	600	1,498	0
Total Demolition Hours		9,202	0

Table 3-6: Staging Non-Road Equipment Hours

Staging			
Equipment	Horsepower	Year 1 Hours	Year 2 Hours
Backhoe	100	35	0
Bulldozer	175	998	0
Compacting Equipment	6	495	0
Grader	300	260	0
Paving Machine	175	61	0
Pickup Truck	600	986	0
Roller	100	58	0
Total Staging Hours		2,893	0

3.2 On-Road Equipment Hours

Tables 3-7 through Tables 3-13 lists the types of on-road equipment used during each phase of construction, their fuel type, and the number of hours modeled in year 1 and year 2 of construction.

Table 3-7: Airfield On-Road Equipment Hours

Airfield			
Equipment	Fuel Type	Year 1	Year 2
Asphalt 18 Wheeler	Diesel	1	51
Cement Mixer	Diesel	50	1,800
Dump Truck Subbase Material	Diesel	27	960
Passenger Car	Gasoline	1,716	61,855
Tractor Trailer	Diesel	3	93
Total Airfield Hours		1797	64759

Table 3-8: Airside On-Road Equipment Hours

Airside			
Equipment	Fuel Type	Year 1	Year 2
Asphalt 18 Wheeler	Diesel	0	5
Cement Mixer	Diesel	22	810
Dump Truck - Asphalt	Diesel	2	72
Dump Truck Subbase Material	Diesel	12	432
Passenger Car	Gasoline	424	15,263
Total Airside Hours		460	16582

Table 3-9: Building 1 On-Road Equipment Hours

Building 1			
Equipment	Fuel Type	Year 1	Year 2
Cement Mixer	Diesel	2	83
Dump Truck - Asphalt	Diesel	0	7
Dump Truck Subbase Material	Diesel	1	44
Passenger Car	Gasoline	362	13,054
Total Building 1 Hours		366	13,188

Table 3-10: Building 2 On-Road Equipment Hours

Building 2			
Equipment	Fuel Type	Year 1	Year 2
Cement Mixer	Diesel	2	90
Dump Truck - Asphalt	Diesel	0	8
Dump Truck Subbase Material	Diesel	1	48
Passenger Car	Gasoline	15	552
Tractor Trailer	Diesel	0	5
Total Building 2 Hours		20	703

Table 3-11: Demolition On-Road Equipment Hours

Demolition			
Equipment	Fuel Type	Year 1	Year 2
Dump Truck	Diesel	20,607	0
Passenger Car	Gasoline	2,384	0
Total Demolition Hours		22991	0

Table 3-12: Staging On-Road Equipment Hours

Staging			
Equipment	Fuel Type	Year 1	Year 2
Passenger Car	Gasoline	974	0
Dump Truck	Diesel	532	0
Total Staging Hours		1,507	0


Table 3-13: Contaminated Soil On-Road Equipment Hours

Contaminated Soil Removal			
Equipment	Fuel Type	Year 1	Year 2
Dump Truck	Diesel	3,152	0

Table 3-14 summarizes the total non-road equipment hours and on-road hours for each project component necessary to complete the entire project.

Table 3-14: Summary of Total Equipment Hours

Total Equipment Hours				
Non-Road Equipment Hours		Total Hours	Year 1	Year 2
Airfield		17,569	3,031	14,538
Airside		22,488	3,879	18,609
Building 1		57,789	9,969	47,820
Building 2		37,590	6,484	31,106
Demo		9,202	9,202	0
Staging		2,893	2,893	0
TOTALS		147,531	35,457	112,073
On-Road Hours		Total Hours	Year 1	Year 2
Airfield / Airside / Building 1 / Building 1 / Building 2 (non Demo)		97,875	2,643	95,232
Demo		26,143	26,143	
Staging		1,507	1,507	
TOTALS		125,525	30,292	95,232
Total Equipment Hours (Non-Road + On-Road)		273,056	65,750	207,306



Appendix B. Proposed Action Criteria Air Pollutant and GHG Emission Calculations

Construction Emissions 2023

Equipment	MOVES/TxN2 Lookup ID	HP	Count	Total Hour Used	Load Factor	Emission Factors (g/hp-hr)									
						CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Airfield															
Air Compressor	<i>Air Compressors</i>	100		35	0.31	0.320524	0.61702	0.000478	0.046572	0.053455	0.051852	184.8705	0.00279	0.008148063	187.2559
Asphalt Paver	<i>Pavers</i>	175		64	0.42	0.424139	0.96891	0.00062	0.088847	0.072297	0.070128	228.3462	0.003669	0.010064229	231.3113
Concrete Saws	<i>Concrete/Industrial Saws</i>	40		35	0.59	0.219018	1.446642	0.000822	0.064578	0.0229	0.022213	355.3636	0.008121	0.015662452	360.1807
Concrete Truck	<i>Off-highway Trucks</i>	600		146	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Distributing Tanker	<i>Off-highway Trucks</i>	600		23	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Dozer	<i>Crawler Tractor/Dozers</i>	175		179	0.43	0.148064	0.372739	0.000567	0.026365	0.035118	0.034064	233.6893	0.001802	0.010299726	236.5599
Dump Truck	<i>Off-highway Trucks</i>	600		416	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Excavator	<i>Excavators</i>	175		39	0.38	0.11603	0.293071	0.000497	0.019808	0.02803	0.027189	205.9416	0.001496	0.009076758	208.4635
Flatbed Truck	<i>Off-highway Trucks</i>	600		214	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Grader	<i>Graders</i>	300		11	0.41	0.279678	0.732443	0.000613	0.068663	0.045071	0.043719	232.8372	0.003026	0.01026217	235.8006
Hydroseeder	<i>Off-highway Trucks</i>	600		10	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Loader	<i>Tractors/Loaders/Backhoes</i>	175		12	0.37	0.621198	0.981824	0.000633	0.174452	0.109256	0.105979	232.6321	0.007108	0.010253129	235.936
Off-Road Truck	<i>Off-highway Trucks</i>	600		10	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Other General Equipment	<i>Other Construction Equipment</i>	600		413	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Paving Machine	<i>Paving Equipment</i>	175		35	0.36	0.439594	0.916708	0.000538	0.085933	0.085217	0.082661	195.1117	0.003471	0.00859944	197.6736
Pickup Truck	<i>Off-highway Trucks</i>	600		564	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Pumps	<i>Pumps</i>	11		9	0.43	1.12074	1.722217	0.000809	0.353606	0.117671	0.11414	255.6039	0.02989	0.011265596	261.0887
Roller	<i>Rollers</i>	100		111	0.38	0.674663	0.8488	0.000601	0.077442	0.105092	0.10194	228.8844	0.003489	0.010087952	231.8407
Rubber Tired Loader	<i>Rubber Tire Loaders</i>	175		35	0.36	0.136722	0.335623	0.000479	0.02457	0.032119	0.031155	195.8017	0.001655	0.008629849	198.219
Scraper	<i>Scrapers</i>	600		43	0.48	0.373252	0.758816	0.000686	0.052501	0.056406	0.054714	260.386	0.003274	0.011476368	263.6908
Skid Steer Loader	<i>Skid Steer Loaders</i>	75		24	0.37	0.08963	0.847245	0.000592	0.021495	0.008143	0.007899	260.2522	0.003578	0.011470469	263.581
Tractors/Loader/Backhoe	<i>Tractors/Loaders/Backhoes</i>	100		22	0.37	0.565853	0.609227	0.000637	0.081066	0.082256	0.079789	259.9317	0.003656	0.011456345	263.2633
Water Truck	<i>Off-highway Trucks</i>	600		581	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445

Construction Emissions 2023

<i>Airside</i>	MOVES Lookup ID	HP	Count	Total Hour Used	Load Factor	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Air Compressor	<i>Air Compressors</i>	100		49	0.31	0.320524	0.61702	0.000478	0.046572	0.053455	0.051852	184.8705	0.00279	0.008148063	187.2559
Asphalt Paver	<i>Pavers</i>	175		91	0.42	0.424139	0.96891	0.00062	0.088847	0.072297	0.070128	228.3462	0.003669	0.010064229	231.3113
Concrete Saws	<i>Concrete/Industrial Saws</i>	40		49	0.59	0.219018	1.446642	0.000822	0.064578	0.0229	0.022213	355.3636	0.008121	0.015662452	360.1807
Concrete Truck	<i>Off-highway Trucks</i>	600		206	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Distributing Tanker	<i>Off-highway Trucks</i>	600		38	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Dozer	<i>Crawler Tractor/Dozers</i>	175		252	0.43	0.148064	0.372739	0.000567	0.026365	0.035118	0.034064	233.6893	0.001802	0.010299726	236.5599
Dump Truck	<i>Off-highway Trucks</i>	600		587	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Excavator	<i>Excavators</i>	175		56	0.38	0.11603	0.293071	0.000497	0.019808	0.02803	0.027189	205.9416	0.001496	0.009076758	208.4635
Flatbed Truck	<i>Off-highway Trucks</i>	600		302	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Grader	<i>Graders</i>	300		15	0.41	0.279678	0.732443	0.000613	0.068663	0.045071	0.043719	232.8372	0.003026	0.01026217	235.8006
Hydroseeder	<i>Off-highway Trucks</i>	600		14	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Loader	<i>Tractors/Loaders/Backhoes</i>	175		15	0.37	0.621198	0.981824	0.000633	0.174452	0.109256	0.105979	232.6321	0.007108	0.010253129	235.936
Off-Road Truck	<i>Off-highway Trucks</i>	600		14	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Other General Equipment	<i>Other Construction Equipment</i>	600		587	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Paving Machine	<i>Paving Equipment</i>	175		49	0.36	0.439594	0.916708	0.000538	0.085933	0.085217	0.082661	195.1117	0.003471	0.00859944	197.6736
Pickup Truck	<i>Off-highway Trucks</i>	600		800	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Pumps	<i>Pumps</i>	11		12	0.43	1.12074	1.722217	0.000809	0.353606	0.117671	0.11414	255.6039	0.02989	0.011265596	261.0887
Roller	<i>Rollers</i>	100		157	0.38	0.674663	0.8488	0.000601	0.077442	0.105092	0.10194	228.8844	0.003489	0.010087952	231.8407
Rubber Tired Loader	<i>Rubber Tire Loaders</i>	175		49	0.36	0.136722	0.335623	0.000479	0.02457	0.032119	0.031155	195.8017	0.001655	0.008629849	198.219
Scraper	<i>Scrapers</i>	600		61	0.48	0.373252	0.758816	0.000686	0.052501	0.056406	0.054714	260.386	0.003274	0.011476368	263.6908
Skid Steer Loader	<i>Skid Steer Loaders</i>	75		32	0.37	0.08963	0.847245	0.000592	0.021495	0.008143	0.007899	260.2522	0.003578	0.011470469	263.581
Tractors/Loader/Backhoe	<i>Tractors/Loaders/Backhoes</i>	100		30	0.37	0.565853	0.609227	0.000637	0.081066	0.082256	0.079789	259.9317	0.003656	0.011456345	263.2633
Water Truck	<i>Off-highway Trucks</i>	600		412	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445

Construction Emissions 2023

Airside	MOVES Lookup ID	Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
Air Compressor	Air Compressors	5.36E-04	1.03E-03	8.00E-07	7.79E-05	8.94E-05	8.68E-05	3.09E-01	4.67E-06	1.36E-05	3.13E-01
Asphalt Paver	Pavers	3.12E-03	7.13E-03	4.56E-06	6.54E-04	5.32E-04	5.16E-04	1.68E+00	2.70E-05	7.41E-05	1.70E+00
Concrete Saws	Concrete/Industrial Saws	2.79E-04	1.84E-03	1.05E-06	8.23E-05	2.92E-05	2.83E-05	4.53E-01	1.03E-05	1.99E-05	4.59E-01
Concrete Truck	Off-highway Trucks	8.52E-03	1.79E-02	2.66E-05	1.20E-03	1.39E-03	1.35E-03	1.07E+01	1.02E-04	4.70E-04	1.08E+01
Distributing Tanker	Off-highway Trucks	1.57E-03	3.30E-03	4.90E-06	2.20E-04	2.56E-04	2.48E-04	1.96E+00	1.88E-05	8.65E-05	1.99E+00
Dozer	Crawler Tractor/Dozers	3.10E-03	7.80E-03	1.19E-05	5.52E-04	7.35E-04	7.13E-04	4.89E+00	3.77E-05	2.16E-04	4.95E+00
Dump Truck	Off-highway Trucks	2.42E-02	5.10E-02	7.57E-05	3.40E-03	3.95E-03	3.83E-03	3.03E+01	2.90E-04	1.34E-03	3.07E+01
Excavator	Excavators	4.76E-04	1.20E-03	2.04E-06	8.13E-05	1.15E-04	1.12E-04	8.45E-01	6.14E-06	3.72E-05	8.55E-01
Flatbed Truck	Off-highway Trucks	1.25E-02	2.63E-02	3.90E-05	1.75E-03	2.03E-03	1.97E-03	1.56E+01	1.49E-04	6.89E-04	1.58E+01
Grader	Graders	5.71E-04	1.49E-03	1.25E-06	1.40E-04	9.20E-05	8.92E-05	4.75E-01	6.17E-06	2.09E-05	4.81E-01
Hydroseeder	Off-highway Trucks	5.60E-04	1.18E-03	1.75E-06	7.86E-05	9.12E-05	8.84E-05	7.00E-01	6.69E-06	3.09E-05	7.09E-01
Loader	Tractors/Loaders/Backhoes	6.73E-04	1.06E-03	6.86E-07	1.89E-04	1.18E-04	1.15E-04	2.52E-01	7.70E-06	1.11E-05	2.56E-01
Off-Road Truck	Off-highway Trucks	5.60E-04	1.18E-03	1.75E-06	7.86E-05	9.12E-05	8.84E-05	7.00E-01	6.69E-06	3.09E-05	7.09E-01
Other General Equipment	Other Construction Equipment	8.71E-02	1.62E-01	1.02E-04	1.23E-02	1.26E-02	1.22E-02	3.71E+01	5.17E-04	1.64E-03	3.76E+01
Paving Machine	Paving Equipment	1.49E-03	3.12E-03	1.83E-06	2.92E-04	2.90E-04	2.81E-04	6.63E-01	1.18E-05	2.92E-05	6.72E-01
Pickup Truck	Off-highway Trucks	3.30E-02	6.95E-02	1.03E-04	4.64E-03	5.38E-03	5.22E-03	4.13E+01	3.95E-04	1.82E-03	4.19E+01
Pumps	Pumps	7.29E-05	1.12E-04	5.26E-08	2.30E-05	7.65E-06	7.42E-06	1.66E-02	1.94E-06	7.32E-07	1.70E-02
Roller	Rollers	4.44E-03	5.59E-03	3.96E-06	5.10E-04	6.92E-04	6.71E-04	1.51E+00	2.30E-05	6.64E-05	1.53E+00
Rubber Tired Loader	Rubber Tire Loaders	4.65E-04	1.14E-03	1.63E-06	8.35E-05	1.09E-04	1.06E-04	6.66E-01	5.63E-06	2.93E-05	6.74E-01
Scraper	Scrapers	7.25E-03	1.47E-02	1.33E-05	1.02E-03	1.10E-03	1.06E-03	5.06E+00	6.36E-05	2.23E-04	5.12E+00
Skid Steer Loader	Skid Steer Loaders	8.86E-05	8.38E-04	5.85E-07	2.13E-05	8.05E-06	7.81E-06	2.57E-01	3.54E-06	1.13E-05	2.61E-01
Tractors/Loader/Backhoe	Tractors/Loaders/Backhoes	7.00E-04	7.53E-04	7.88E-07	1.00E-04	1.02E-04	9.87E-05	3.21E-01	4.52E-06	1.42E-05	3.26E-01
Water Truck	Off-highway Trucks	1.70E-02	3.58E-02	5.32E-05	2.39E-03	2.77E-03	2.69E-03	2.13E+01	2.04E-04	9.39E-04	2.16E+01

Construction Emissions 2023

Building 1	MOVES Lookup ID	HP	Count	Total Hour Used	Load Factor	CO	NO_x	SO₂	VOC	PM₁₀	PM_{2.5}	CO₂	CH₄	N₂O	CO₂e
40 Ton Rough Terrain Crane	<i>Cranes</i>	300		70	0.29	0.097436	0.34663	0.0004	0.027979	0.019731	0.019139	155.5961	0.001974	0.006857811	157.5724
90 Ton Crane	<i>Cranes</i>	300		89	0.29	0.097436	0.34663	0.0004	0.027979	0.019731	0.019139	155.5961	0.001974	0.006857811	157.5724
Auger Drill	<i>Bore/Drill Rigs</i>	175		105	0.5	0.290047	0.986791	0.000718	0.082278	0.067573	0.065546	268.1719	0.00464	0.011819524	271.682
Backhoe	<i>Tractors/Loaders/Backhoes</i>	100		701	0.37	0.565853	0.609227	0.000637	0.081066	0.082256	0.079789	259.9317	0.003656	0.011456345	263.2633
Bob Cat	<i>Skid Steer Loaders</i>	75		105	0.37	0.08963	0.847245	0.000592	0.021495	0.008143	0.007899	260.2522	0.003578	0.011470469	263.581
Compacting Equipment	<i>Plate Compactors</i>	6		70	0.43	1.112166	1.702698	0.000809	0.355618	0.114038	0.110617	255.5987	0.03072	0.011265368	261.1532
Concrete Pump	<i>Pumps</i>	11		89	0.43	1.12074	1.722217	0.000809	0.353606	0.117671	0.11414	255.6039	0.02989	0.011265596	261.0887
Concrete Ready Mix Trucks	<i>Off-highway Trucks</i>	600		238	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Concrete Truck	<i>Off-highway Trucks</i>	600		22	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Excavator	<i>Excavators</i>	175		59	0.38	0.11603	0.293071	0.000497	0.019808	0.02803	0.027189	205.9416	0.001496	0.009076758	208.4635
Fork Truck	<i>Forklifts</i>	100		1525	0.2	0.175917	0.286733	0.000294	0.014243	0.027604	0.026776	120.4869	0.001123	0.00531039	121.9831
Front Loader	<i>Tractors/Loaders/Backhoes</i>	100		244	0.37	0.565853	0.609227	0.000637	0.081066	0.082256	0.079789	259.9317	0.003656	0.011456345	263.2633
Generator	<i>Generator Sets</i>	40		30	0.31	0.393954	1.071339	0.000503	0.114064	0.069761	0.067668	184.6709	0.006121	0.008139265	187.3338
Grout Mixer	<i>Cement & Mortar Mixers</i>	600		155	0.43	0.342507	1.040094	0.000634	0.074085	0.048919	0.047451	230.6158	0.003195	0.01016426	233.5675
Grout Wheel Truck	<i>Off-highway Trucks</i>	600		59	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
High Lift	<i>Aerial Lifts</i>	100		425	0.31	0.879397	0.767736	0.000574	0.133109	0.119191	0.115615	217.7233	0.006248	0.009596032	220.7814
Line Painting Truck and Sprayer	<i>Other Construction Equipment</i>	600		35	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Man Lift	<i>Aerial Lifts</i>	75		1818	0.31	0.708164	0.993334	0.000585	0.137526	0.090967	0.088238	217.7078	0.00737	0.00959535	220.8601
Material Deliveries	<i>Off-highway Trucks</i>	600		1823	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Other General Equipment	<i>Other Construction Equipment</i>	600		314	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Paving Machine	<i>Paving Equipment</i>	175		140	0.36	0.439594	0.916708	0.000538	0.085933	0.085217	0.082661	195.1117	0.003471	0.00859944	197.6736
Roller	<i>Rollers</i>	100		70	0.38	0.674663	0.8488	0.000601	0.077442	0.105092	0.10194	228.8844	0.003489	0.010087952	231.8407
Small Dozer	<i>Crawler Tractor/Dozers</i>	175		70	0.43	0.148064	0.372739	0.000567	0.026365	0.035118	0.034064	233.6893	0.001802	0.010299726	236.5599
Survey Crew Trucks	<i>Off-highway Trucks</i>	600		21	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Tool Truck	<i>Off-highway Trucks</i>	600		1145	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Tractor Trailers Temp Fac.	<i>Off-highway Trucks</i>	600		193	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Trowel Machine	<i>Other Construction Equipment</i>	600		15	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Truck Tower (Mantiwoc type)	<i>Cranes</i>	300		340	0.29	0.097436	0.34663	0.0004	0.027979	0.019731	0.019139	155.5961	0.001974	0.006857811	157.5724

Construction Emissions 2023

Building 1	MOVES Lookup ID	Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
40 Ton Rough Terrain Crane	Cranes	6.52E-04	2.32E-03	2.68E-06	1.87E-04	1.32E-04	1.28E-04	1.04E+00	1.32E-05	4.59E-05	1.06E+00
90 Ton Crane	Cranes	8.29E-04	2.95E-03	3.40E-06	2.38E-04	1.68E-04	1.63E-04	1.32E+00	1.68E-05	5.83E-05	1.34E+00
Auger Drill	Bore/Drill Rigs	2.93E-03	9.97E-03	7.25E-06	8.31E-04	6.83E-04	6.62E-04	2.71E+00	4.69E-05	1.19E-04	2.74E+00
Backhoe	Tractors/Loaders/Backhoes	1.62E-02	1.74E-02	1.82E-05	2.32E-03	2.35E-03	2.28E-03	7.43E+00	1.05E-04	3.28E-04	7.53E+00
Bob Cat	Skid Steer Loaders	2.87E-04	2.71E-03	1.89E-06	6.89E-05	2.61E-05	2.53E-05	8.34E-01	1.15E-05	3.67E-05	8.44E-01
Compacting Equipment	Plate Compactors	2.21E-04	3.38E-04	1.61E-07	7.06E-05	2.26E-05	2.20E-05	5.08E-02	6.10E-06	2.24E-06	5.19E-02
Concrete Pump	Pumps	5.18E-04	7.96E-04	3.74E-07	1.63E-04	5.44E-05	5.28E-05	1.18E-01	1.38E-05	5.21E-06	1.21E-01
Concrete Ready Mix Trucks	Off-highway Trucks	9.82E-03	2.06E-02	3.07E-05	1.38E-03	1.60E-03	1.55E-03	1.23E+01	1.17E-04	5.41E-04	1.24E+01
Concrete Truck	Off-highway Trucks	9.15E-04	1.92E-03	2.86E-06	1.29E-04	1.49E-04	1.45E-04	1.15E+00	1.09E-05	5.05E-05	1.16E+00
Excavator	Excavators	5.03E-04	1.27E-03	2.15E-06	8.58E-05	1.21E-04	1.18E-04	8.92E-01	6.48E-06	3.93E-05	9.03E-01
Fork Truck	Forklifts	5.91E-03	9.64E-03	9.89E-06	4.79E-04	9.28E-04	9.00E-04	4.05E+00	3.77E-05	1.79E-04	4.10E+00
Front Loader	Tractors/Loaders/Backhoes	5.64E-03	6.07E-03	6.35E-06	8.08E-04	8.20E-04	7.95E-04	2.59E+00	3.64E-05	1.14E-04	2.62E+00
Generator	Generator Sets	1.59E-04	4.33E-04	2.03E-07	4.61E-05	2.82E-05	2.73E-05	7.46E-02	2.47E-06	3.29E-06	7.57E-02
Grout Mixer	Cement & Mortar Mixers	1.51E-02	4.59E-02	2.80E-05	3.27E-03	2.16E-03	2.09E-03	1.02E+01	1.41E-04	4.49E-04	1.03E+01
Grout Wheel Truck	Off-highway Trucks	2.44E-03	5.13E-03	7.62E-06	3.43E-04	3.98E-04	3.86E-04	3.05E+00	2.92E-05	1.35E-04	3.09E+00
High Lift	Aerial Lifts	1.28E-02	1.11E-02	8.33E-06	1.93E-03	1.73E-03	1.68E-03	3.16E+00	9.06E-05	1.39E-04	3.20E+00
Line Painting Truck and Sprayer	Other Construction Equipment	5.18E-03	9.61E-03	6.07E-06	7.30E-04	7.47E-04	7.25E-04	2.21E+00	3.08E-05	9.73E-05	2.24E+00
Man Lift	Aerial Lifts	3.30E-02	4.63E-02	2.73E-05	6.41E-03	4.24E-03	4.11E-03	1.01E+01	3.43E-04	4.47E-04	1.03E+01
Material Deliveries	Off-highway Trucks	7.53E-02	1.58E-01	2.35E-04	1.06E-02	1.23E-02	1.19E-02	9.42E+01	9.00E-04	4.15E-03	9.54E+01
Other General Equipment	Other Construction Equipment	4.66E-02	8.65E-02	5.47E-05	6.57E-03	6.73E-03	6.52E-03	1.99E+01	2.77E-04	8.76E-04	2.01E+01
Paving Machine	Paving Equipment	4.26E-03	8.89E-03	5.21E-06	8.33E-04	8.26E-04	8.02E-04	1.89E+00	3.37E-05	8.34E-05	1.92E+00
Roller	Rollers	1.97E-03	2.48E-03	1.76E-06	2.26E-04	3.07E-04	2.98E-04	6.69E-01	1.02E-05	2.95E-05	6.78E-01
Small Dozer	Crawler Tractor/Dozers	8.57E-04	2.16E-03	3.29E-06	1.53E-04	2.03E-04	1.97E-04	1.35E+00	1.04E-05	5.96E-05	1.37E+00
Survey Crew Trucks	Off-highway Trucks	8.73E-04	1.84E-03	2.73E-06	1.23E-04	1.42E-04	1.38E-04	1.09E+00	1.04E-05	4.82E-05	1.11E+00
Tool Truck	Off-highway Trucks	4.73E-02	9.95E-02	1.48E-04	6.64E-03	7.71E-03	7.47E-03	5.92E+01	5.65E-04	2.61E-03	5.99E+01
Tractor Trailers Temp Fac.	Off-highway Trucks	7.99E-03	1.68E-02	2.50E-05	1.12E-03	1.30E-03	1.26E-03	1.00E+01	9.55E-05	4.41E-04	1.01E+01
Trowel Machine	Other Construction Equipment	2.19E-03	4.07E-03	2.57E-06	3.09E-04	3.16E-04	3.07E-04	9.35E-01	1.30E-05	4.12E-05	9.47E-01
Truck Tower (Mantiwoc type)	Cranes	3.18E-03	1.13E-02	1.30E-05	9.12E-04	6.43E-04	6.24E-04	5.07E+00	6.44E-05	2.24E-04	5.14E+00

Construction Emissions 2023

Building 2	MOVES Lookup ID	HP	Count	Total Hour Used	Load Factor	CO	NO_x	SO₂	VOC	PM₁₀	PM_{2.5}	CO₂	CH₄	N₂O	CO₂e
40 Ton Rough Terrain Crane	<i>Cranes</i>	300		43	0.29	0.097436	0.34663	0.0004	0.027979	0.019731	0.019139	155.5961	0.001974	0.006857811	157.5724
90 Ton Crane	<i>Cranes</i>	300		59	0.29	0.097436	0.34663	0.0004	0.027979	0.019731	0.019139	155.5961	0.001974	0.006857811	157.5724
Auger Drill	<i>Bore/Drill Rigs</i>	175		64	0.5	0.290047	0.986791	0.000718	0.082278	0.067573	0.065546	268.1719	0.00464	0.011819524	271.682
Backhoe	<i>Tractors/Loaders/Backhoes</i>	100		439	0.37	0.565853	0.609227	0.000637	0.081066	0.082256	0.079789	259.9317	0.003656	0.011456345	263.2633
Bob Cat	<i>Skid Steer Loaders</i>	75		64	0.37	0.08963	0.847245	0.000592	0.021495	0.008143	0.007899	260.2522	0.003578	0.011470469	263.581
Compacting Equipment	<i>Plate Compactors</i>	6		43	0.43	1.112166	1.702698	0.000809	0.355618	0.114038	0.110617	255.5987	0.03072	0.011265368	261.1532
Concrete Pump	<i>Pumps</i>	11		59	0.43	1.12074	1.722217	0.000809	0.353606	0.117671	0.11414	255.6039	0.02989	0.011265596	261.0887
Concrete Ready Mix Trucks	<i>Off-highway Trucks</i>	600		153	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Concrete Truck	<i>Off-highway Trucks</i>	600		15	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Excavator	<i>Excavators</i>	175		39	0.38	0.11603	0.293071	0.000497	0.019808	0.02803	0.027189	205.9416	0.001496	0.009076758	208.4635
Fork Truck	<i>Forklifts</i>	100		1005	0.2	0.175917	0.286733	0.000294	0.014243	0.027604	0.026776	120.4869	0.001123	0.00531039	121.9831
Front Loader	<i>Tractors/Loaders/Backhoes</i>	100		150	0.37	0.565853	0.609227	0.000637	0.081066	0.082256	0.079789	259.9317	0.003656	0.011456345	263.2633
Generator	<i>Generator Sets</i>	40		20	0.31	0.393954	1.071339	0.000503	0.114064	0.069761	0.067668	184.6709	0.006121	0.008139265	187.3338
Grout Mixer	<i>Cement & Mortar Mixers</i>	600		103	0.43	0.342507	1.040094	0.000634	0.074085	0.048919	0.047451	230.6158	0.003195	0.01016426	233.5675
Grout Wheel Truck	<i>Off-highway Trucks</i>	600		39	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
High Lift	<i>Aerial Lifts</i>	100		279	0.31	0.879397	0.767736	0.000574	0.133109	0.119191	0.115615	217.7233	0.006248	0.009596032	220.7814
Line Painting Truck and Sprayer	<i>Other Construction Equipment</i>	600		21	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Man Lift	<i>Aerial Lifts</i>	75		1212	0.31	0.708164	0.993334	0.000585	0.137526	0.090967	0.088238	217.7078	0.00737	0.00959535	220.8601
Material Deliveries	<i>Off-highway Trucks</i>	600		1180	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Other General Equipment	<i>Other Construction Equipment</i>	600		193	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Paving Machine	<i>Paving Equipment</i>	175		86	0.36	0.439594	0.916708	0.000538	0.085933	0.085217	0.082661	195.1117	0.003471	0.00859944	197.6736
Roller	<i>Rollers</i>	100		43	0.38	0.674663	0.8488	0.000601	0.077442	0.105092	0.10194	228.8844	0.003489	0.010087952	231.8407
Small Dozer	<i>Crawler Tractor/Dozers</i>	175		43	0.43	0.148064	0.372739	0.000567	0.026365	0.035118	0.034064	233.6893	0.001802	0.010299726	236.5599
Survey Crew Trucks	<i>Off-highway Trucks</i>	600		13	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Tool Truck	<i>Off-highway Trucks</i>	600		764	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Tractor Trailers Temp Fac.	<i>Off-highway Trucks</i>	600		119	0.38	0.164288	0.345468	0.000513	0.023072	0.026766	0.025963	205.5874	0.001964	0.009061147	208.1445
Trowel Machine	<i>Other Construction Equipment</i>	600		10	0.42	0.534089	0.990809	0.000626	0.075307	0.077074	0.074762	227.7014	0.003171	0.010035809	230.6172
Truck Tower (Mantiwoc type)	<i>Cranes</i>	300		227	0.29	0.097436	0.34663	0.0004	0.027979	0.019731	0.019139	155.5961	0.001974	0.006857811	157.5724

Construction Emissions 2023

Building 2	MOVES Lookup ID	Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
40 Ton Rough Terrain Crane	Cranes	4.00E-04	1.42E-03	1.64E-06	1.15E-04	8.10E-05	7.85E-05	6.39E-01	8.10E-06	2.81E-05	6.47E-01
90 Ton Crane	Cranes	5.52E-04	1.97E-03	2.27E-06	1.59E-04	1.12E-04	1.09E-04	8.82E-01	1.12E-05	3.89E-05	8.93E-01
Auger Drill	Bore/Drill Rigs	1.80E-03	6.11E-03	4.44E-06	5.09E-04	4.18E-04	4.06E-04	1.66E+00	2.87E-05	7.32E-05	1.68E+00
Backhoe	Tractors/Loaders/Backhoes	1.01E-02	1.09E-02	1.14E-05	1.45E-03	1.47E-03	1.43E-03	4.66E+00	6.55E-05	2.05E-04	4.72E+00
Bob Cat	Skid Steer Loaders	1.76E-04	1.66E-03	1.16E-06	4.22E-05	1.60E-05	1.55E-05	5.11E-01	7.03E-06	2.25E-05	5.18E-01
Compacting Equipment	Plate Compactors	1.35E-04	2.07E-04	9.84E-08	4.33E-05	1.39E-05	1.35E-05	3.11E-02	3.74E-06	1.37E-06	3.18E-02
Concrete Pump	Pumps	3.45E-04	5.31E-04	2.49E-07	1.09E-04	3.63E-05	3.52E-05	7.88E-02	9.21E-06	3.47E-06	8.05E-02
Concrete Ready Mix Trucks	Off-highway Trucks	6.31E-03	1.33E-02	1.97E-05	8.86E-04	1.03E-03	9.97E-04	7.90E+00	7.55E-05	3.48E-04	8.00E+00
Concrete Truck	Off-highway Trucks	6.10E-04	1.28E-03	1.91E-06	8.57E-05	9.94E-05	9.64E-05	7.64E-01	7.30E-06	3.37E-05	7.73E-01
Excavator	Excavators	3.35E-04	8.47E-04	1.43E-06	5.72E-05	8.10E-05	7.86E-05	5.95E-01	4.32E-06	2.62E-05	6.02E-01
Fork Truck	Forklifts	3.90E-03	6.35E-03	6.52E-06	3.16E-04	6.12E-04	5.93E-04	2.67E+00	2.49E-05	1.18E-04	2.70E+00
Front Loader	Tractors/Loaders/Backhoes	3.46E-03	3.72E-03	3.89E-06	4.95E-04	5.02E-04	4.87E-04	1.59E+00	2.23E-05	7.00E-05	1.61E+00
Generator	Generator Sets	1.06E-04	2.89E-04	1.35E-07	3.07E-05	1.88E-05	1.82E-05	4.97E-02	1.65E-06	2.19E-06	5.05E-02
Grout Mixer	Cement & Mortar Mixers	1.01E-02	3.06E-02	1.87E-05	2.18E-03	1.44E-03	1.40E-03	6.79E+00	9.40E-05	2.99E-04	6.87E+00
Grout Wheel Truck	Off-highway Trucks	1.63E-03	3.42E-03	5.08E-06	2.29E-04	2.65E-04	2.57E-04	2.04E+00	1.95E-05	8.98E-05	2.06E+00
High Lift	Aerial Lifts	8.39E-03	7.33E-03	5.48E-06	1.27E-03	1.14E-03	1.10E-03	2.08E+00	5.96E-05	9.16E-05	2.11E+00
Line Painting Truck and Sprayer	Other Construction Equipment	3.17E-03	5.89E-03	3.72E-06	4.48E-04	4.58E-04	4.44E-04	1.35E+00	1.88E-05	5.96E-05	1.37E+00
Man Lift	Aerial Lifts	2.20E-02	3.09E-02	1.82E-05	4.27E-03	2.83E-03	2.74E-03	6.76E+00	2.29E-04	2.98E-04	6.86E+00
Material Deliveries	Off-highway Trucks	4.87E-02	1.02E-01	1.52E-04	6.84E-03	7.94E-03	7.70E-03	6.10E+01	5.82E-04	2.69E-03	6.17E+01
Other General Equipment	Other Construction Equipment	2.86E-02	5.30E-02	3.35E-05	4.03E-03	4.12E-03	4.00E-03	1.22E+01	1.70E-04	5.37E-04	1.23E+01
Paving Machine	Paving Equipment	2.61E-03	5.45E-03	3.20E-06	5.11E-04	5.06E-04	4.91E-04	1.16E+00	2.06E-05	5.11E-05	1.17E+00
Roller	Rollers	1.21E-03	1.52E-03	1.08E-06	1.39E-04	1.88E-04	1.83E-04	4.10E-01	6.25E-06	1.81E-05	4.16E-01
Small Dozer	Crawler Tractor/Dozers	5.26E-04	1.32E-03	2.01E-06	9.36E-05	1.25E-04	1.21E-04	8.29E-01	6.40E-06	3.66E-05	8.40E-01
Survey Crew Trucks	Off-highway Trucks	5.43E-04	1.14E-03	1.70E-06	7.63E-05	8.85E-05	8.59E-05	6.80E-01	6.50E-06	3.00E-05	6.88E-01
Tool Truck	Off-highway Trucks	3.15E-02	6.63E-02	9.85E-05	4.43E-03	5.14E-03	4.98E-03	3.95E+01	3.77E-04	1.74E-03	3.99E+01
Tractor Trailers Temp Fac.	Off-highway Trucks	4.90E-03	1.03E-02	1.53E-05	6.88E-04	7.98E-04	7.74E-04	6.13E+00	5.86E-05	2.70E-04	6.21E+00
Trowel Machine	Other Construction Equipment	1.46E-03	2.71E-03	1.71E-06	2.06E-04	2.11E-04	2.05E-04	6.23E-01	8.68E-06	2.75E-05	6.31E-01
Truck Tower (Mantiwoc type)	Cranes	2.12E-03	7.53E-03	8.69E-06	6.08E-04	4.29E-04	4.16E-04	3.38E+00	4.29E-05	1.49E-04	3.42E+00

Construction Emissions 2023

											Emissions (ton / year)									
Demo	MOVES Lookup ID										CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
	Bob Cat	Skid Steer Loaders									7.04E-03	6.66E-02	4.65E-05	1.69E-03	6.40E-04	6.20E-04	2.04E+01	2.81E-04	9.01E-04	2.07E+01
	Dump Truck	Off-highway Trucks									1.06E-01	2.23E-01	3.31E-04	1.49E-02	1.73E-02	1.68E-02	1.33E+02	1.27E-03	5.85E-03	1.34E+02
	Excavator	Excavators									1.09E-02	2.76E-02	4.67E-05	1.86E-03	2.64E-03	2.56E-03	1.94E+01	1.41E-04	8.54E-04	1.96E+01
	Generator Sets	Generator Sets									6.91E-03	1.88E-02	8.82E-06	2.00E-03	1.22E-03	1.19E-03	3.24E+00	1.07E-04	1.43E-04	3.29E+00
	Pickup Truck	Off-highway Trucks									6.19E-02	1.30E-01	1.93E-04	8.69E-03	1.01E-02	9.77E-03	7.74E+01	7.39E-04	3.41E-03	7.84E+01
Staging	MOVES Lookup ID										CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
	Backhoe	Tractors/Loaders/Backhoes									8.01E-04	8.63E-04	9.02E-07	1.15E-04	1.16E-04	1.13E-04	3.68E-01	5.18E-06	1.62E-05	3.73E-01
	Bulldozer	Crawler Tractor/Dozers									1.23E-02	3.08E-02	4.70E-05	2.18E-03	2.91E-03	2.82E-03	1.93E+01	1.49E-04	8.52E-04	1.96E+01
	Compacting Equipment	Plate Compactors									1.57E-03	2.40E-03	1.14E-06	5.01E-04	1.61E-04	1.56E-04	3.60E-01	4.32E-05	1.59E-05	3.68E-01
	Grader	Graders									9.87E-03	2.59E-02	2.16E-05	2.42E-03	1.59E-03	1.54E-03	8.22E+00	1.07E-04	3.62E-04	8.32E+00
	Paving Machine	Paving Equipment									1.85E-03	3.87E-03	2.27E-06	3.63E-04	3.60E-04	3.49E-04	8.23E-01	1.46E-05	3.63E-05	8.34E-01
	Pickup Truck	Off-highway Trucks									4.07E-02	8.56E-02	1.27E-04	5.72E-03	6.64E-03	6.44E-03	5.10E+01	4.87E-04	2.25E-03	5.16E+01
	Roller	Rollers									1.64E-03	2.06E-03	1.46E-06	1.88E-04	2.55E-04	2.47E-04	5.55E-01	8.46E-06	2.44E-05	5.62E-01
Fugitive Dust											CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
	Dust from On Site Activities										0	0	0	0	4.90E+01	5.45E+00	0	0	0	0

Construction Emissions 2023

Onroad	Equipment ID	VMT	Count	Fuel ID	Days/Year	Emission Factors (g/mi)									
						CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Resuspended Road Dust															
Cement Mixer	52	624.375	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck Subbase Material	52	332.991	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	29117.88	1	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Cement Mixer	52	624.375	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck Subbase Material	52	332.991	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	13792.68	1	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Tractor Trailer	61	64.8	1	2	210	2.062306	4.435392	0.005656	0.140632	0.07672	0.070582	1689.658	0.020182	0.002987743	1692.142
Asphalt 18 Wheeler	61	35.262	1	2	210	2.062306	4.435392	0.005656	0.140632	0.07672	0.070582	1689.658	0.020182	0.002987743	1692.142
Cement Mixer	52	561.951	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck - Asphalt	52	49.95	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck Subbase Material	52	299.7	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	10588.32	1	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Asphalt 18 Wheeler	61	3.618	1	2	210	2.062306	4.435392	0.005656	0.140632	0.07672	0.070582	1689.658	0.020182	0.002987743	1692.142
Cement Mixer	52	57.537	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck - Asphalt	52	5.103	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck Subbase Material	52	30.699	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	9055.8	1	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Cement Mixer	52	62.451	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck - Asphalt	52	5.562	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Dump Truck Subbase Material	52	33.291	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	383.13	1	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Tractor Trailer	61	3.24	1	2	210	2.062306	4.435392	0.005656	0.140632	0.07672	0.070582	1689.658	0.020182	0.002987743	1692.142
Dump Truck	52	515,185	13	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	59,598	2	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Dump Truck	52	78,792	2	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615
Passenger Car	21	24,360	1	1	210	2.048493	0.103162	0.002026	0.100383	0.002033	0.001798	305.0271	0.007313	0.001826278	306.1235
Dump Truck	52	13,306	1	2	210	1.22714	2.016364	0.003432	0.103734	0.046369	0.04266	1023.425	0.015529	0.003353224	1025.615

Construction Emissions 2023

Onroad	Equipment ID	Emission Factors (g/veh-day)											Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	Total HAPs	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Resuspended Road Dust													0	0	0	0	7.51E-01	1.88E-01	0	0	0	0
Cement Mixer	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	9.11E-04	1.48E-03	2.39E-06	1.11E-04	3.21E-05	2.96E-05	7.12E-01	3.38E-05	2.71E-06	7.16E-01
Dump Truck Subbase Material	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	5.17E-04	8.37E-04	1.29E-06	7.81E-05	1.73E-05	1.59E-05	3.83E-01	2.88E-05	1.63E-06	3.86E-01
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	6.64E-02	3.33E-03	6.51E-05	3.28E-03	6.71E-05	5.93E-05	9.80E+00	2.40E-04	5.98E-05	9.84E+00
Cement Mixer	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	9.11E-04	1.48E-03	2.39E-06	1.11E-04	3.21E-05	2.96E-05	7.12E-01	3.38E-05	2.71E-06	7.16E-01
Dump Truck Subbase Material	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	5.17E-04	8.37E-04	1.29E-06	7.81E-05	1.73E-05	1.59E-05	3.83E-01	2.88E-05	1.63E-06	3.86E-01
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	3.17E-02	1.58E-03	3.09E-05	1.59E-03	3.27E-05	2.89E-05	4.65E+00	1.17E-04	2.89E-05	4.67E+00
Tractor Trailer	61	0.3564	0.2430	0.0001	0.1220	0.0007	0.0006	19.3216	0.0675	0.0013	25.3365	0.0000	2.30E-04	3.73E-04	4.19E-07	3.83E-05	5.64E-06	5.19E-06	1.25E-01	1.71E-05	5.17E-07	1.27E-01
Asphalt 18 Wheeler	61	0.3564	0.2430	0.0001	0.1220	0.0007	0.0006	19.3216	0.0675	0.0013	25.3365	0.0000	1.63E-04	2.29E-04	2.35E-07	3.37E-05	3.14E-06	2.89E-06	7.01E-02	1.64E-05	4.20E-07	7.16E-02
Cement Mixer	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	8.26E-04	1.35E-03	2.15E-06	1.04E-04	2.90E-05	2.66E-05	6.42E-01	3.27E-05	2.48E-06	6.45E-01
Dump Truck - Asphalt	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.34E-04	2.08E-04	2.14E-07	4.57E-05	2.79E-06	2.57E-06	6.40E-02	2.40E-05	5.88E-07	6.61E-02
Dump Truck Subbase Material	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	4.72E-04	7.63E-04	1.16E-06	7.43E-05	1.56E-05	1.43E-05	3.46E-01	2.82E-05	1.51E-06	3.48E-01
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	2.45E-02	1.22E-03	2.37E-05	1.23E-03	2.55E-05	2.26E-05	3.57E+00	9.10E-05	2.25E-05	3.59E+00
Asphalt 18 Wheeler	61	0.3564	0.2430	0.0001	0.1220	0.0007	0.0006	19.3216	0.0675	0.0013	25.3365	0.0000	9.07E-05	7.40E-05	3.75E-08	2.88E-05	4.65E-07	4.27E-07	1.12E-02	1.57E-05	3.15E-07	1.26E-02
Cement Mixer	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.44E-04	2.25E-04	2.43E-07	4.66E-05	3.18E-06	2.92E-06	7.25E-02	2.41E-05	6.16E-07	7.47E-02
Dump Truck - Asphalt	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	7.31E-05	1.08E-04	4.48E-08	4.06E-05	4.96E-07	4.57E-07	1.34E-02	2.32E-05	4.22E-07	1.54E-02
Dump Truck Subbase Material	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.08E-04	1.65E-04	1.42E-07	4.35E-05	1.80E-06	1.66E-06	4.22E-02	2.36E-05	5.17E-07	4.44E-02
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	2.10E-02	1.05E-03	2.03E-05	1.06E-03	2.21E-05	1.96E-05	3.06E+00	7.87E-05	1.94E-05	3.07E+00
Cement Mixer	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.51E-04	2.36E-04	2.62E-07	4.72E-05	3.43E-06	3.15E-06	7.81E-02	2.42E-05	6.34E-07	8.03E-02
Dump Truck - Asphalt	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	7.37E-05	1.09E-04	4.65E-08	4.06E-05	5.20E-07	4.78E-07	1.39E-02	2.32E-05	4.24E-07	1.59E-02
Dump Truck Subbase Material	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.11E-04	1.71E-04	1.51E-07	4.38E-05	1.94E-06	1.78E-06	4.52E-02	2.37E-05	5.26E-07	4.73E-02
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	1.47E-03	5.88E-05	9.31E-07	1.04E-04	2.67E-06	2.37E-06	1.40E-01	8.75E-06	1.94E-06	1.41E-01
Tractor Trailer	61	0.3564	0.2430	0.0001	0.1220	0.0007	0.0006	19.3216	0.0675	0.0013	25.3365	0.0000	8.99E-05	7.21E-05	3.52E-08	2.87E-05	4.33E-07	3.98E-07	1.05E-02	1.57E-05	3.14E-07	1.19E-02
Dump Truck	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	6.98E-01	1.15E+00	1.95E-03	5.94E-02	2.63E-02	2.42E-02	5.81E+02	9.12E-03	1.91E-03	5.83E+02
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	1.36E-01	6.81E-03	1.33E-04	6.72E-03	1.37E-04	1.21E-04	2.01E+01	4.92E-04	1.22E-04	2.01E+01
Dump Truck	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.07E-01	1.75E-01	2.98E-04	9.09E-03	4.03E-03	3.71E-03	8.89E+01	1.40E-03	2.92E-04	8.91E+01
Passenger Car	21	2.5928	0.0657	0.0003	0.2660	0.0078	0.0069	48.9047	0.0244	0.0050	52.2880	0.0000	5.56E-02	2.79E-03	5.45E-05	2.76E-03	5.64E-05	4.99E-05	8.20E+00	2.02E-04	5.02E-05	8.23E+00
Dump Truck	52	0.2860	0.4178	0.0001	0.1728	0.0010	0.0009	32.8536	0.0998	0.0017	41.6998	0.0000	1.81E-02	2.97E-02	5.04E-05	1.56E-03	6.80E-04	6.26E-04	1.50E+01	2.51E-04	4.96E-05	1.51E+01

Construction Emissions 2023

	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Airfield	0.16	0.32	0.000	0.02	0.02	0.02	139.98	0.001	0.006	141.74
Airside	0.21	0.42	0.000	0.03	0.03	0.03	177.17	0.002	0.008	179.39
Building 1	0.30	0.59	0.001	0.05	0.05	0.05	257.57	0.003	0.011	260.83
Building 2	0.20	0.38	0.000	0.03	0.03	0.03	166.86	0.002	0.007	168.97
Demo	0.19	0.47	0.001	0.03	0.03	0.03	253.16	0.003	0.011	256.32
Staging	0.07	0.15	0.000	0.01	0.01	0.01	80.63	0.001	0.004	81.64
Fugitive Dust	0.00	0.00	0.000	0.00	49.02	5.45	0.00	0.000	0.000	0.00
Onroad	1.16	1.38	0.003	0.09	0.78	0.22	738.42	0.012	0.003	740.15
Total	2.29	3.69	0.01	0.26	49.98	5.84	1813.80	0.024	0.050	1829.02

countyID	countyName	classification	equip	HP bin	Ammonia (NH3)	Atmospheric CO2	Brake Specific Fuel Consumption (BSFC)	Carbon Monoxide (CO)	Methane (CH4)	Non-Methane Hydrocarbons
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	40 < hp <= 50	5.67634E-05	6.997830212	2.194559329	0.003127922	0.000128834	0.000792179
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	50 < hp <= 75	0.001492141	183.981963	57.68837952	0.063362614	0.002529676	0.01228594
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	75 < hp <= 100	0.001510374	186.2641436	58.3932232	0.052868895	0.00040141	0.003952314
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	6 < hp <= 11	4.50375E-09	0.000553261	0.000174122	2.75266E-06	6.24397E-08	6.28228E-07
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	11 < hp <= 16	3.1291E-08	0.003851087	0.001209756	1.25041E-05	2.16836E-07	2.33383E-06
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	16 < hp <= 25	7.14752E-07	0.087966979	0.027633381	0.000285619	4.95298E-06	5.33095E-05
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	100 < hp <= 175	1.57169E-05	1.935889741	0.607637596	0.004477078	3.4462E-05	0.000767388
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	175 < hp <= 300	6.67473E-07	0.082223901	0.025805515	0.000163196	1.33251E-06	2.97075E-05
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	300 < hp <= 600	0.000151969	18.72470997	5.875345068	0.043575008	0.00026026	0.005480611
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	600 < hp <= 750	6.35629E-06	0.783222331	0.245743555	0.00220327	1.00424E-05	0.000217901
48113	Dallas County	Construction and Mining Equipment	Tampers/Rammers	3 < hp <= 6	4.33738E-07	0.053281492	0.016768975	0.000233721	6.34263E-06	6.03578E-05
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	16 < hp <= 25	5.64789E-06	0.69552804	0.218355864	0.001502094	3.11815E-05	0.000286997
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	25 < hp <= 40	2.34057E-05	2.884282698	0.904898477	0.003089442	7.4125E-05	0.000682711
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	40 < hp <= 50	8.70921E-05	10.73548993	3.367110614	0.006786762	0.000224409	0.001593804
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	50 < hp <= 75	0.000890159	109.6514947	34.4188069	0.23693536	0.002864159	0.039759778
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	75 < hp <= 100	0.000645285	79.51312045	24.94770844	0.173094519	0.001118468	0.02170306
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	100 < hp <= 175	9.3751E-05	11.5375786	3.624554513	0.030808822	0.000325205	0.007625411
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	175 < hp <= 300	1.04495E-05	1.287854008	0.40399447	0.001127411	1.45616E-05	0.000276368
48113	Dallas County	Construction and Mining Equipment	Trenchers	6 < hp <= 11	5.68436E-09	0.000698263	0.000219766	2.91903E-06	8.61042E-08	7.9251E-07
48113	Dallas County	Construction and Mining Equipment	Trenchers	11 < hp <= 16	7.34229E-08	0.00903979	0.002838642	2.30895E-05	4.8042E-07	4.42183E-06
48113	Dallas County	Construction and Mining Equipment	Trenchers	16 < hp <= 25	1.40688E-07	0.017321397	0.005439205	4.42424E-05	9.20547E-07	8.47279E-06
48113	Dallas County	Construction and Mining Equipment	Trenchers	25 < hp <= 40	8.57387E-05	10.56933398	3.314789157	0.00530342	0.0002223	0.001354325
48113	Dallas County	Construction and Mining Equipment	Trenchers	40 < hp <= 50	0.000292138	36.01293216	11.29449254	0.01807036	0.000757445	0.004614598
48113	Dallas County	Construction and Mining Equipment	Trenchers	50 < hp <= 75	0.000708951	87.39463956	27.40909846	0.08607609	0.001793273	0.011457759
48113	Dallas County	Construction and Mining Equipment	Trenchers	75 < hp <= 100	0.000380594	46.92852141	14.71432967	0.05069717	0.000338452	0.003164629
48113	Dallas County	Construction and Mining Equipment	Trenchers	100 < hp <= 175	0.000142108	17.52280085	5.494120365	0.008239363	0.00011473	0.00101771
48113	Dallas County	Construction and Mining Equipment	Trenchers	175 < hp <= 300	0.000208596	25.72156315	8.064634137	0.008876136	0.00015157	0.001460291
48113	Dallas County	Construction and Mining Equipment	Trenchers	300 < hp <= 600	0.000186071	22.9399467	7.193801156	0.021787593	0.000250162	0.002517721
48113	Dallas County	Construction and Mining Equipment	Trenchers	600 < hp <= 750	2.74406E-05	3.383072447	1.060893922	0.00465069	3.58438E-05	0.000359177
48113	Dallas County	Construction and Mining Equipment	Trenchers	1200 < hp <= 2000	6.39551E-06	0.788266821	0.247260018	0.000851314	1.11306E-05	0.000150037

countyID	countyName	classification	equip	HP bin	Non-Methane Organic Gases	Oxides of Nitrogen (NOx)	Primary Exhaust PM10 - Total	Primary Exhaust PM2.5 - Total	Sulfur Dioxide (SO2)	Total Gaseous Hydrocarbons	Total Organic Gases	Volatile Organic Compounds	Activity				
													Min HP	Max Hp	hours	avg hp	avg hp *activity hr
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	40 < hp <= 50	0.000980309	0.023808733	0.000273572	0.000265364	1.59041E-05	0.000921013	0.001109142	0.000978436	40	50	538.5643	45.3	24396.96053
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	50 < hp <= 75	0.015247806	0.598949114	0.00575645	0.005583758	0.000418169	0.014815616	0.017777472	0.015195481	50	75	10496.28	61.1	641322.818
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	75 < hp <= 100	0.004821414	0.221833567	0.0090079	0.008737661	0.000425493	0.004353722	0.005222819	0.004778237	75	100	8084.182	80.3	649159.7785
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	6 < hp <= 11	7.65859E-07	3.72942E-06	2.94092E-07	2.85269E-07	1.7505E-09	6.90668E-07	8.28299E-07	7.65529E-07	6	11	0.416002	6.7	2.787211986
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	11 < hp <= 16	2.82105E-06	2.36757E-05	1.47886E-06	1.4345E-06	1.21852E-08	2.55067E-06	3.03789E-06	2.81908E-06	11	16	1.456006	13.3	19.36487784
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	16 < hp <= 25	6.44388E-05	0.000540803	3.37803E-05	3.27669E-05	2.78336E-07	5.82625E-05	6.93917E-05	6.43937E-05	16	25	20.38408	21.7	442.3346423
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	100 < hp <= 175	0.000871609	0.009231024	0.000877939	0.000851601	5.3403E-06	0.00080185	0.000906071	0.000868512	100	175	85.38752	126.5	10801.52178
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	175 < hp <= 300	3.36928E-05	0.000357431	2.82547E-05	2.74071E-05	2.26175E-07	3.104E-05	3.50253E-05	3.35449E-05	175	300	1.968778	233	458.7252438
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	300 < hp <= 600	0.006217618	0.08137977	0.006169352	0.005984273	5.15083E-05	0.005740871	0.006477875	0.006190533	300	600	212.021	492.6	10444.5637
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	600 < hp <= 750	0.000246622	0.003402368	0.000260407	0.000252595	2.15452E-06	0.000227944	0.000256664	0.000245516	600	750	6.122491	713.5	4368.397538
48113	Dallas County	Construction and Mining Equipment	Tampers/Rammers	3 < hp <= 6	7.41083E-05	0.00035659	2.42329E-05	2.3506E-05	1.68581E-07	6.67004E-05	8.0451E-05	7.40952E-05	3	6	45.02605	4.2	189.1094281
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	16 < hp <= 25	0.000353868	0.003498733	0.000172327	0.000167157	2.20083E-06	0.000318179	0.000385049	0.000353868	16	25	106.4679	22.8	2427.466993
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	25 < hp <= 40	0.000818971	0.010988973	0.000437423	0.0004243	6.928E-06	0.000756856	0.000893096	0.000817514	25	40	313.2903	32.38148	10144.80387
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	40 < hp <= 50	0.001952413	0.037901696	0.000789317	0.000765637	2.48614E-05	0.001818213	0.002176822	0.001949078	40	50	817.5246	45.7625	37411.97091
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	50 < hp <= 75	0.046120257	0.444318993	0.032234009	0.031266992	0.000276982	0.042623935	0.048984417	0.045980444	50	75	5917.761	63.64426	376631.5194
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	75 < hp <= 100	0.024883699	0.18636261	0.025162231	0.024407372	0.000194965	0.022821525	0.026002162	0.024798126	75	100	3197.949	86.77683	277507.8914
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	100 < hp <= 175	0.008680938	0.048694364	0.005418662	0.005256101	3.13799E-05	0.007977915	0.009033443	0.008652077	100	175	367.9683	122.273	44992.57856
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	175 < hp <= 300	0.000316987	0.0018753	0.000211012	0.000204682	3.12884E-06	0.00029093	0.000331549	0.000315073	175	300	25.20424	194.6326	4905.567159
48113	Dallas County	Construction and Mining Equipment	Trenchers	6 < hp <= 11	9.77165E-07	4.56312E-06	2.84933E-07	2.76385E-07	2.20928E-09	8.78614E-07	1.06327E-06	9.77165E-07	6	11	0.219865	9.6	2.110708324
48113	Dallas County	Construction and Mining Equipment	Trenchers	11 < hp <= 16	5.45211E-06	5.31992E-05	2.63734E-06	2.55822E-06	2.86031E-08	4.90225E-06	5.93254E-06	5.45211E-06	11	16	1.758922	15.5	27.26329337
48113	Dallas County	Construction and Mining Equipment	Trenchers	16 < hp <= 25	1.04469E-05	0.000101937	5.05348E-06	4.90188E-06	5.48072E-08	9.39334E-06	1.13675E-05	1.04469E-05	16	25	2.418521	21.6	52.24006135
48113	Dallas County	Construction and Mining Equipment	Trenchers	25 < hp <= 40	0.001676124	0.041926229	0.000442934	0.000429646	2.40341E-05	0.001576625	0.001898426	0.001672833	25	40	1023.678	31.1	31836.39258
48113	Dallas County	Construction and Mining Equipment	Trenchers	40 < hp <= 50	0.005711068	0.142855433	0.001509209	0.001463933	8.18915E-05	0.005372044	0.006468516	0.005699854	40	50	2552.382	42.5	106746.2384
48113	Dallas County	Construction and Mining Equipment	Trenchers	50 < hp <= 75	0.014121279	0.35483994	0.009332477	0.009052509	0.000211377	0.013251032	0.015914546	0.014092663	50	75	4245.915	62	283246.7083
48113	Dallas County	Construction and Mining Equipment	Trenchers	75 < hp <= 100	0.003863667	0.09785938	0.008116338	0.007872848	0.000211282	0.003503079	0.00420212	0.003852346	75	100	1715.068	82.4	141321.6192
48113	Dallas County	Construction and Mining Equipment	Trenchers	100 < hp <= 175	0.001316539	0.02238815	0.002074255	0.002012026	4.18614E-05	0.00119183	0.00143127	0.001310008	100	175	532.7173	110	58598.89948
48113	Dallas County	Construction and Mining Equipment	Trenchers	175 < hp <= 300	0.001765823	0.022193566	0.001789025	0.001735353	6.10608E-05	0.001611861	0.001917391	0.001740252	175	300	356.0238	241.6	86015.35784
48113	Dallas County	Construction and Mining Equipment	Trenchers	300 < hp <= 600	0.00303496	0.045014221	0.003511716	0.003406365	5.82734E-05	0.002767883	0.00328512	0.003015988	300	600	181.0886	423.7	76727.24423
48113	Dallas County	Construction and Mining Equipment	Trenchers	600 < hp <= 750	0.000432997	0.006649776	0.00052949	0.000513605	8.59391E-06	0.000395021	0.00046884	0.000430217	600	750	15.82327	715.1	11315.2231
48113	Dallas County	Construction and Mining Equipment	Trenchers	1200 < hp <= 2000	0.000177417	0.009315336	0.000134935	0.000130887	2.03085E-06	0.000161167	0.000188548	0.000177103	1200	2000	1.758143	1500	2637.21393

Construction Emissions 2024

Equipment	MOVES Lookup ID	HP	Count	Total Hour Used	Load Factor	Emission Factors (g/hp-hr)										
						CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e	
Airfield																
Air Compressor	Air Compressors	100		166	0.31	0.287349	0.571038	0.000471	0.040521	0.048401	0.046949	184.8878	0.002476	0.008149	187.2471	
Asphalt Paver	Pavers	175		308	0.42	0.431079	0.966389	0.000619	0.089801	0.073042	0.070851	228.3451	0.003639	0.010064	231.3077	
Concrete Saws	Concrete/Industrial Saws	40		166	0.59	0.201039	1.430514	0.000816	0.061031	0.019308	0.018729	355.3737	0.007844	0.015663	360.1677	
Concrete Truck	Off-highway Trucks	600		700	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Distributing Tanker	Off-highway Trucks	600		112	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Dozer	Crawler Tractor/Dozers	175		857	0.43	0.135917	0.341689	0.000563	0.02451	0.031863	0.030907	233.6883	0.001615	0.0103	236.5431	
Dump Truck	Off-highway Trucks	600		1,996	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Excavator	Excavators	175		189	0.38	0.105431	0.259002	0.000493	0.018036	0.025371	0.02461	205.8193	0.001325	0.009071	208.3524	
Flatbed Truck	Off-highway Trucks	600		1,027	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Grader	Graders	300		52	0.41	0.280631	0.729294	0.000611	0.069294	0.044897	0.04355	232.8463	0.002956	0.010263	235.8039	
Hydroseeder	Off-highway Trucks	600		47	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Loader	Tractors/Loaders/Backhoes	175		56	0.37	0.632125	0.983741	0.000632	0.176713	0.110176	0.106871	232.6442	0.007088	0.010254	235.9465	
Off-Road Truck	Off-highway Trucks	600		47	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Other General Equipment	Other Construction Equipment	600		1,982	0.42	0.544846	0.995979	0.000626	0.077151	0.079503	0.077118	227.6959	0.003173	0.010036	230.6118	
Paving Machine	Paving Equipment	175		166	0.36	0.451714	0.923063	0.000537	0.087475	0.087135	0.084521	195.1071	0.003465	0.008599	197.6684	
Pickup Truck	Off-highway Trucks	600		2,707	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	
Pumps	Pumps	11		43	0.43	1.110393	1.714148	0.000809	0.355846	0.114408	0.110976	255.5975	0.030373	0.011265	261.1229	
Roller	Rollers	100		533	0.38	0.655802	0.834344	0.000599	0.076211	0.10359	0.100482	229.0314	0.003308	0.010094	231.9742	
Rubber Tired Loader	Rubber Tire Loaders	175		166	0.36	0.127896	0.309629	0.000476	0.022903	0.030163	0.029258	195.8285	0.001501	0.008631	198.2331	
Scraper	Scrapers	600		208	0.48	0.366543	0.743377	0.000685	0.051713	0.0557	0.054029	261.0978	0.003156	0.011508	264.4009	
Skid Steer Loader	Skid Steer Loaders	75		115	0.37	0.077324	0.843642	0.00059	0.01979	0.007026	0.006815	260.257	0.003419	0.011471	263.5725	
Tractors/Loader/Backhoe	Tractors/Loaders/Backhoes	100		108	0.37	0.533073	0.598647	0.000634	0.0813	0.077339	0.075019	259.816	0.003407	0.011451	263.1253	
Water Truck	Off-highway Trucks	600		2,788	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524	

Airside	MOVES Lookup ID	HP	Count	Total Hour Used	Load Factor	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Air Compressor	Air Compressors	100		235	0.31	0.287349	0.571038	0.000471	0.040521	0.048401	0.046949	184.8878	0.002476	0.008149	187.2471
Asphalt Paver	Pavers	175		436	0.42	0.431079	0.966389	0.000619	0.089801	0.073042	0.070851	228.3451	0.003639	0.010064	231.3077
Concrete Saws	Concrete/Industrial Saws	40		235	0.59	0.201039	1.430514	0.000816	0.061031	0.019308	0.018729	355.3737	0.007844	0.015663	360.1677
Concrete Truck	Off-highway Trucks	600		990	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Distributing Tanker	Off-highway Trucks	600		182	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Dozer	Crawler Tractor/Dozers	175		1210	0.43	0.135917	0.341689	0.000563	0.02451	0.031863	0.030907	233.6883	0.001615	0.0103	236.5431
Dump Truck	Off-highway Trucks	600		2815	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Excavator	Excavators	175		268	0.38	0.105431	0.259002	0.000493	0.018036	0.025371	0.02461	205.8193	0.001325	0.009071	208.3254
Flatbed Truck	Off-highway Trucks	600		1451	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Grader	Graders	300		72	0.41	0.280631	0.729294	0.000611	0.069294	0.044897	0.04355	232.8463	0.002956	0.010263	235.8039
Hydroseeder	Off-highway Trucks	600		65	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Loader	Tractors/Loaders/Backhoes	175		73	0.37	0.632125	0.983741	0.000632	0.176713	0.110176	0.106871	232.6442	0.007088	0.010254	235.9465
Off-Road Truck	Off-highway Trucks	600		65	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Other General Equipment	Other Construction Equipment	600		2817	0.42	0.544846	0.995979	0.000626	0.077151	0.079503	0.077118	227.6959	0.003173	0.010036	230.6118
Paving Machine	Paving Equipment	175		235	0.36	0.451714	0.923063	0.000537	0.087475	0.087135	0.084521	195.1071	0.003465	0.008599	197.6684
Pickup Truck	Off-highway Trucks	600		3839	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Pumps	Pumps	11		60	0.43	1.110393	1.714148	0.000809	0.355846	0.114408	0.110976	255.5975	0.030373	0.011265	261.1229
Roller	Rollers	100		754	0.38	0.655802	0.834344	0.000599	0.076211	0.10359	0.100482	229.0314	0.003308	0.010094	231.9742
Rubber Tired Loader	Rubber Tire Loaders	175		235	0.36	0.127896	0.309629	0.000476	0.022903	0.030163	0.029258	195.8285	0.001501	0.008631	198.2331
Scraper	Scrapers	600		294	0.48	0.366543	0.743377	0.000685	0.051713	0.0557	0.054029	261.0978	0.003156	0.011508	264.4009
Skid Steer Loader	Skid Steer Loaders	75		155	0.37	0.077324	0.843642	0.00059	0.01979	0.007026	0.006815	260.257	0.003419	0.011471	263.5725
Tractors/Loader/Backhoe	Tractors/Loaders/Backhoes	100		145	0.37	0.533073	0.598647	0.000634	0.0813	0.077339	0.075019	259.816	0.003407	0.011451	263.1253
Water Truck	Off-highway Trucks	600		1978	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524

Airside	MOVES Lookup ID	Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Air Compressor	Air Compressors	2.31E-03	4.58E-03	3.78E-06	3.25E-04	3.88E-04	3.77E-04	1.48E+00	1.99E-05	6.54E-05	1.50E+00
Asphalt Paver	Pavers	1.52E-02	3.41E-02	2.18E-05	3.17E-03	2.58E-03	2.50E-03	8.06E+00	1.28E-04	3.55E-04	8.16E+00
Concrete Saws	Concrete/Industrial Saws	1.23E-03	8.74E-03	4.99E-06	3.73E-04	1.18E-04	1.14E-04	2.17E+00	4.79E-05	9.57E-05	2.20E+00
Concrete Truck	Off-highway Trucks	3.63E-02	7.75E-02	1.26E-04	5.15E-03	5.98E-03	5.80E-03	5.12E+01	4.39E-04	2.26E-03	5.19E+01
Distributing Tanker	Off-highway Trucks	6.69E-03	1.43E-02	2.33E-05	9.48E-04	1.10E-03	1.07E-03	9.43E+00	8.09E-05	4.15E-04	9.54E+00
Dozer	Crawler Tractor/Dozers	1.36E-02	3.43E-02	5.65E-05	2.46E-03	3.20E-03	3.10E-03	2.35E+01	1.62E-04	1.03E-03	2.37E+01
Dump Truck	Off-highway Trucks	1.03E-01	2.20E-01	3.60E-04	1.46E-02	1.70E-02	1.65E-02	1.46E+02	1.25E-03	6.42E-03	1.47E+02
Excavator	Excavators	2.07E-03	5.10E-03	9.70E-06	3.55E-04	4.99E-04	4.84E-04	4.05E+00	2.61E-05	1.79E-04	4.10E+00
Flatbed Truck	Off-highway Trucks	5.33E-02	1.13E-01	1.85E-04	7.55E-03	8.77E-03	8.50E-03	7.51E+01	6.44E-04	3.31E-03	7.60E+01
Grader	Graders	2.75E-03	7.14E-03	5.98E-06	6.78E-04	4.39E-04	4.26E-04	2.28E+00	2.89E-05	1.00E-04	2.31E+00
Hydroseeder	Off-highway Trucks	2.39E-03	5.09E-03	8.31E-06	3.38E-04	3.93E-04	3.81E-04	3.36E+00	2.89E-05	1.48E-04	3.40E+00
Loader	Tractors/Loaders/Backhoes	3.29E-03	5.11E-03	3.29E-06	9.19E-04	5.73E-04	5.56E-04	1.21E+00	3.69E-05	5.33E-05	1.23E+00
Off-Road Truck	Off-highway Trucks	2.39E-03	5.09E-03	8.31E-06	3.38E-04	3.93E-04	3.81E-04	3.36E+00	2.89E-05	1.48E-04	3.40E+00
Other General Equipment	Other Construction Equipment	4.26E-01	7.79E-01	4.90E-04	6.04E-02	6.22E-02	6.03E-02	1.78E+02	2.48E-03	7.85E-03	1.80E+02
Paving Machine	Paving Equipment	7.37E-03	1.51E-02	8.77E-06	1.43E-03	1.42E-03	1.38E-03	3.18E+00	5.65E-05	1.40E-04	3.22E+00
Pickup Truck	Off-highway Trucks	1.41E-01	3.00E-01	4.90E-04	2.00E-02	2.32E-02	2.25E-02	1.99E+02	1.70E-03	8.75E-03	2.01E+02
Pumps	Pumps	3.46E-04	5.35E-04	2.52E-07	1.11E-04	3.57E-05	3.46E-05	7.97E-02	9.47E-06	3.51E-06	8.14E-02
Roller	Rollers	2.07E-02	2.63E-02	1.89E-05	2.41E-03	3.27E-03	3.17E-03	7.23E+00	1.04E-04	3.19E-04	7.33E+00
Rubber Tired Loader	Rubber Tire Loaders	2.09E-03	5.05E-03	7.77E-06	3.74E-04	4.92E-04	4.77E-04	3.19E+00	2.45E-05	1.41E-04	3.23E+00
Scraper	Scrapers	3.42E-02	6.93E-02	6.38E-05	4.82E-03	5.19E-03	5.04E-03	2.43E+01	2.94E-04	1.07E-03	2.46E+01
Skid Steer Loader	Skid Steer Loaders	3.67E-04	4.00E-03	2.80E-06	9.39E-05	3.33E-05	3.23E-05	1.23E+00	1.62E-05	5.44E-05	1.25E+00
Tractors/Loader/Backhoe	Tractors/Loaders/Backhoes	3.16E-03	3.55E-03	3.76E-06	4.82E-04	4.59E-04	4.45E-04	1.54E+00	2.02E-05	6.79E-05	1.56E+00
Water Truck	Off-highway Trucks	7.26E-02	1.55E-01	2.53E-04	1.03E-02	1.20E-02	1.16E-02	1.02E+02	8.78E-04	4.51E-03	1.04E+02

Building 1	MOVES Lookup ID	HP	Count	Total Hour Used	Load Factor	CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
40 Ton Rough Terrain Crane	Cranes	300		335	0.29	0.089692	0.322803	0.000396	0.025832	0.018352	0.017801	155.6022	0.001839	0.006858	157.5672
90 Ton Crane	Cranes	300		425	0.29	0.089692	0.322803	0.000396	0.025832	0.018352	0.017801	155.6022	0.001839	0.006858	157.5672
Auger Drill	Bore/Drill Rigs	175		502	0.5	0.283739	0.957061	0.000714	0.079434	0.066361	0.06437	268.1801	0.004435	0.01182	271.6731
Backhoe	Tractors/Loaders/Backhoes	100		3363	0.37	0.533073	0.598647	0.000634	0.0813	0.077339	0.075019	259.816	0.003407	0.011451	263.1253
Bob Cat	Skid Steer Loaders	75		502	0.37	0.077324	0.843642	0.00059	0.01979	0.007026	0.006815	260.257	0.003419	0.011471	263.5725
Compacting Equipment	Plate Compactors	6		335	0.43	1.107243	1.698863	0.000809	0.3565	0.112892	0.109505	255.5962	0.030956	0.011265	261.1706
Concrete Pump	Pumps	11		425	0.43	1.110393	1.714148	0.000809	0.355846	0.114408	0.110976	255.5975	0.030373	0.011265	261.1229
Concrete Ready Mix Trucks	Off-highway Trucks	600		1140	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Concrete Truck	Off-highway Trucks	600		106	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Excavator	Excavators	175		284	0.38	0.105431	0.259002	0.000493	0.018036	0.025371	0.02461	205.8193	0.001325	0.009071	208.3254
Fork Truck	Forklifts	100		7315	0.2	0.140033	0.261689	0.000289	0.011502	0.022342	0.021672	120.4946	0.000925	0.005311	121.9743
Front Loader	Tractors/Loaders/Backhoes	100		1172	0.37	0.533073	0.598647	0.000634	0.0813	0.077339	0.075019	259.816	0.003407	0.011451	263.1253
Generator	Generator Sets	40		142	0.31	0.366613	1.042729	0.000497	0.106051	0.064479	0.062544	184.6944	0.006055	0.00814	187.3521
Grout Mixer	Cement & Mortar Mixers	600		744	0.43	0.349175	1.04594	0.000634	0.075882	0.050741	0.049219	230.6104	0.003195	0.010164	233.5621
Grout Wheel Truck	Off-highway Trucks	600		284	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
High Lift	Aerial Lifts	100		2037	0.31	0.798769	0.714221	0.000567	0.117943	0.107854	0.104619	217.7671	0.005795	0.009598	220.7877
Line Painting Truck and Sprayer	Other Construction Equipment	600		167	0.42	0.544846	0.995979	0.000626	0.077151	0.079503	0.077118	227.6959	0.003173	0.010036	230.6118
Man Lift	Aerial Lifts	75		8721	0.31	0.638565	0.959941	0.000577	0.123079	0.080906	0.078478	217.7492	0.007039	0.009597	220.8742
Material Deliveries	Off-highway Trucks	600		8747	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Other General Equipment	Other Construction Equipment	600		1507	0.42	0.544846	0.995979	0.000626	0.077151	0.079503	0.077118	227.6959	0.003173	0.010036	230.6118
Paving Machine	Paving Equipment	175		670	0.36	0.451714	0.923063	0.000537	0.087475	0.087135	0.084521	195.1071	0.003465	0.008599	197.6684
Roller	Rollers	100		335	0.38	0.655802	0.834344	0.000599	0.076211	0.10359	0.100482	229.0314	0.003308	0.010094	231.9742
Small Dozer	Crawler Tractor/Dozers	175		335	0.43	0.135917	0.341689	0.000563	0.02451	0.031863	0.030907	233.6883	0.001615	0.0103	236.5431
Survey Crew Trucks	Off-highway Trucks	600		101	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Tool Truck	Off-highway Trucks	600		5495	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Tractor Trailers Temp Fac.	Off-highway Trucks	600		928	0.38	0.146047	0.311219	0.000508	0.020699	0.024039	0.023318	205.8094	0.001766	0.009071	208.3524
Trowel Machine	Other Construction Equipment	600		71	0.42	0.544846	0.995979	0.000626	0.077151	0.079503	0.077118	227.6959	0.003173	0.010036	230.6118
Truck Tower (Mantwoc type)	Cranes	300		1631	0.29	0.089692	0.322803	0.000396	0.025832	0.018352	0.017801	155.6022	0.001839	0.006858	157.5672

Building 1	MOVES Lookup ID	Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
40 Ton Rough Terrain Crane	Cranes	2.88E-03	1.04E-02	1.27E-05	8.30E-04	5.89E-04	5.72E-04	5.00E+00	5.91E-05	2.20E-04	5.06E+00
90 Ton Crane	Cranes	3.66E-03	1.32E-02	1.62E-05	1.05E-03	7.49E-04	7.26E-04	6.35E+00	7.50E-05	2.80E-04	6.43E+00
Auger Drill	Bore/Drill Rigs	1.37E-02	4.64E-02	3.46E-05	3.85E-03	3.22E-03	3.12E-03	1.30E+01	2.15E-04	5.73E-04	1.32E+01
Backhoe	Tractors/Loaders/Backhoes	7.31E-02	8.21E-02	8.70E-05	1.12E-02	1.06E-02	1.03E-02	3.56E+01	4.67E-04	1.57E-03	3.61E+01
Bob Cat	Skid Steer Loaders	1.19E-03	1.30E-02	9.07E-06	3.04E-04	1.08E-04	1.05E-04	4.00E+00	5.25E-05	1.76E-04	4.05E+00
Compacting Equipment	Plate Compactors	1.05E-03	1.62E-03	7.70E-07	3.40E-04	1.08E-04	1.04E-04	2.43E-01	2.95E-05	1.07E-05	2.49E-01
Concrete Pump	Pumps	2.46E-03	3.80E-03	1.79E-06	7.89E-04	2.54E-04	2.46E-04	5.67E-01	6.74E-05	2.50E-05	5.79E-01
Concrete Ready Mix Trucks	Off-highway Trucks	4.19E-02	8.92E-02	1.46E-04	5.93E-03	6.89E-03	6.68E-03	5.90E+01	5.06E-04	2.60E-03	5.97E+01
Concrete Truck	Off-highway Trucks	3.90E-03	8.32E-03	1.36E-05	5.53E-04	6.43E-04	6.23E-04	5.50E+00	4.72E-05	2.42E-04	5.57E+00
Excavator	Excavators	2.19E-03	5.38E-03	1.02E-05	3.75E-04	5.27E-04	5.12E-04	4.28E+00	2.75E-05	1.89E-04	4.33E+00
Fork Truck	Forklifts	2.26E-02	4.22E-02	4.67E-05	1.85E-03	3.60E-03	3.49E-03	1.94E+01	1.49E-04	8.56E-04	1.97E+01
Front Loader	Tractors/Loaders/Backhoes	2.55E-02	2.86E-02	3.03E-05	3.89E-03	3.70E-03	3.59E-03	1.24E+01	1.63E-04	5.47E-04	1.26E+01
Generator	Generator Sets	7.11E-04	2.02E-03	9.63E-07	2.06E-04	1.25E-04	1.21E-04	3.58E-01	1.17E-05	1.58E-05	3.63E-01
Grout Mixer	Cement & Mortar Mixers	7.39E-02	2.21E-01	1.34E-04	1.61E-02	1.07E-02	1.04E-02	4.88E+01	6.76E-04	2.15E-03	4.94E+01
Grout Wheel Truck	Off-highway Trucks	1.04E-02	2.22E-02	3.62E-05	1.48E-03	1.71E-03	1.66E-03	1.47E+01	1.26E-04	6.47E-04	1.49E+01
High Lift	Aerial Lifts	5.56E-02	4.97E-02	3.94E-05	8.21E-03	7.51E-03	7.28E-03	1.52E+01	4.03E-04	6.68E-04	1.54E+01
Line Painting Truck and Sprayer	Other Construction Equipment	2.53E-02	4.63E-02	2.91E-05	3.59E-03	3.70E-03	3.59E-03	1.06E+01	1.48E-04	4.67E-04	1.07E+01
Man Lift	Aerial Lifts	1.43E-01	2.15E-01	1.29E-04	2.75E-02	1.81E-02	1.75E-02	4.87E+01	1.57E-03	2.14E-03	4.94E+01
Material Deliveries	Off-highway Trucks	3.21E-01	6.84E-01	1.12E-03	4.55E-02	5.28E-02	5.13E-02	4.52E+02	3.88E-03	1.99E-02	4.58E+02
Other General Equipment	Other Construction Equipment	2.28E-01	4.17E-01	2.62E-04	3.23E-02	3.33E-02	3.23E-02	9.53E+01	1.33E-03	4.20E-03	9.65E+01
Paving Machine	Paving Equipment	2.10E-02	4.29E-02	2.50E-05	4.07E-03	4.05E-03	3.93E-03	9.08E+00	1.61E-04	4.00E-04	9.20E+00
Roller	Rollers	9.20E-03	1.17E-02	8.40E-06	1.07E-03	1.45E-03	1.41E-03	3.21E+00	4.64E-05	1.42E-04	3.25E+00
Small Dozer	Crawler Tractor/Dozers	3.78E-03	9.49E-03	1.56E-05	6.81E-04	8.85E-04	8.59E-04	6.49E+00	4.49E-05	2.86E-04	6.57E+00
Survey Crew Trucks	Off-highway Trucks	3.72E-03	7.94E-03	1.30E-05	5.28E-04	6.13E-04	5.95E-04	5.25E+00	4.50E-05	2.31E-04	5.31E+00
Tool Truck	Off-highway Trucks	2.02E-01	4.30E-01	7.02E-04	2.86E-02	3.32E-02	3.22E-02	2.84E+02	2.44E-03	1.25E-02	2.88E+02
Tractor Trailers Temp Fac.	Off-highway Trucks	3.41E-02	7.26E-02	1.19E-04	4.83E-03	5.61E-03	5.44E-03	4.80E+01	4.12E-04	2.12E-03	4.86E+01
Trowel Machine	Other Construction Equipment	1.07E-02	1.96E-02	1.23E-05	1.52E-03	1.57E-03	1.52E-03	4.48E+00	6.25E-05	1.98E-04	4.54E+00
Truck Tower (Mantwoc type)	Cranes	1.40E-02	5.05E-02	6.19E-05	4.04E-03	2.87E-03	2.78E-03	2.43E+01	2.88E-04	1.07E-03	2.46E+01

	Equipment ID	VMT	Count	Fuel ID	Days/Year	Emission Factors (g/mi)									
						CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO _{2e}
Onroad															
Resuspended Road Dust															
Cement Mixer	52	22500.625	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck Subbase Material	52	12000.009	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	1049322.12	20	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Cement Mixer	52	22500.625	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck Subbase Material	52	12000.009	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	497047.32	10	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Tractor Trailer	61	2335.2	1	2	270	2.010232	4.222559	0.005539	0.128532	0.068024	0.062582	1655.816	0.019156	0.002988	1658.214
Asphalt 18 Wheeler	61	1270.738	1	2	270	2.010232	4.222559	0.005539	0.128532	0.068024	0.062582	1655.816	0.019156	0.002988	1658.214
Cement Mixer	52	20251.049	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck - Asphalt	52	1800.05	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck Subbase Material	52	10800.3	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	381571.68	8	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Asphalt 18 Wheeler	61	130.382	1	2	270	2.010232	4.222559	0.005539	0.128532	0.068024	0.062582	1655.816	0.019156	0.002988	1658.214
Cement Mixer	52	2073.463	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck - Asphalt	52	183.897	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck Subbase Material	52	1106.301	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	326344.2	7	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Cement Mixer	52	2250.549	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck - Asphalt	52	200.438	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Dump Truck Subbase Material	52	1199.709	1	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	13806.87	1	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Tractor Trailer	61	116.76	1	2	270	2.010232	4.222559	0.005539	0.128532	0.068024	0.062582	1655.816	0.019156	0.002988	1658.214
Dump Truck	52	0	0	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	0	0	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Dump Truck	52	0	0	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81
Passenger Car	21	0	0	1	270	1.971314	0.080242	0.001977	0.094028	0.001939	0.001715	297.542	0.006472	0.001706	298.5361
Dump Truck	52	0	0	2	270	1.191129	1.883526	0.003366	0.08844	0.039452	0.036296	1004.695	0.01464	0.003353	1006.81

Construction Emissions 2024

		Emissions (ton / year)									
		CO	NO _x	SO ₂	VOC	PM ₁₀	PM _{2.5}	CO ₂	CH ₄	N ₂ O	CO ₂ e
Airfield		0.72	1.44	0.002	0.10	0.11	0.11	672.08	0.007	0.030	680.46
Airside		0.95	1.89	0.002	0.14	0.15	0.15	850.60	0.009	0.037	861.21
Building 1		1.35	2.65	0.003	0.21	0.21	0.20	1236.54	0.014	0.054	1252.06
Building 2		0.87	1.71	0.002	0.14	0.13	0.13	801.04	0.009	0.035	811.10
Fugitive Dust		0.00	0.00	0.000	0.00	88.23	9.81	0.00	0.000	0.000	0.00
Onroad		5.12	0.45	0.005	0.25	0.47	0.12	872.31	0.019	0.005	875.15
Total		9.01	8.14	0.01	0.84	89.31	10.52	4432.58	0.056	0.162	4479.98

countyID	countyName	classification	equip	HP bin	Ammonia (NH3)	Atmospheric CO2	Brake Specific Fuel Consumption (BSFC)	Carbon Monoxide (CO)	Methane (CH4)	Non-Methane Hydrocarbons	Non-Methane Organic Gases	Oxides of Nitrogen (NOx)	Primary Exhaust PM10 Total	Primary Exhaust PM2.5 - Total
48113	Dallas County	Industrial Equipment	Aerial Lifts	6 < hp <= 11	4.9076E-08	0.006027367	0.001897353	3.46339E-05	6.32872E-07	7.35061E-06	8.81437E-06	3.64271E-05	3.81917E-06	3.70459E-06
48113	Dallas County	Industrial Equipment	Aerial Lifts	11 < hp <= 16	5.2634E-07	0.064751823	0.020349115	0.000238684	3.60715E-06	4.79744E-05	5.66828E-05	0.000357118	2.84597E-05	2.76059E-05
48113	Dallas County	Industrial Equipment	Aerial Lifts	16 < hp <= 25	1.20733E-05	1.485286194	0.466770672	0.005479665	8.27413E-05	0.001100444	0.001300198	0.008191618	0.000652812	0.000633228
48113	Dallas County	Industrial Equipment	Aerial Lifts	25 < hp <= 40	2.29145E-05	2.821625319	0.885908758	0.006267161	0.000103478	0.001316229	0.001544806	0.0127366	0.001014398	0.000983965
48113	Dallas County	Industrial Equipment	Aerial Lifts	40 < hp <= 50	7.47183E-06	0.920059583	0.288872047	0.002043559	3.37416E-05	0.000429188	0.000503721	0.0004153076	0.000330769	0.000320846
48113	Dallas County	Industrial Equipment	Aerial Lifts	50 < hp <= 75	7.08673E-05	8.725973602	2.793843359	0.025589536	0.000282091	0.004259979	0.004947192	0.038468198	0.003242167	0.0031449
48113	Dallas County	Industrial Equipment	Aerial Lifts	75 < hp <= 100	3.49244E-05	4.300635987	1.350230605	0.015774713	0.000114445	0.00201848	0.002336431	0.01410501	0.002129996	0.002066096
48113	Dallas County	Industrial Equipment	Aerial Lifts	100 < hp <= 175	5.29898E-07	0.065270842	0.020486649	0.000104858	1.72331E-06	2.47152E-05	2.90727E-05	0.000182513	2.19044E-05	2.12472E-05
48113	Dallas County	Industrial Equipment	Forklifts	11 < hp <= 16	3.46129E-08	0.004261651	0.001338185	1.06512E-05	2.22249E-07	2.0456E-06	2.52223E-06	2.50169E-05	1.20953E-06	1.17325E-06
48113	Dallas County	Industrial Equipment	Forklifts	16 < hp <= 25	1.4422E-08	0.001775687	0.000557577	4.43801E-05	9.26038E-08	8.52333E-07	1.05093E-06	1.04237E-05	5.03973E-07	4.88853E-07
48113	Dallas County	Industrial Equipment	Forklifts	25 < hp <= 40	1.60142E-07	0.019740873	0.006191336	1.05425E-05	4.27473E-07	2.66126E-06	3.29282E-06	7.89395E-05	9.42661E-07	9.14382E-07
48113	Dallas County	Industrial Equipment	Forklifts	40 < hp <= 50	2.73845E-06	0.337571615	0.105872736	0.000180279	7.30985E-06	4.55079E-05	5.63077E-05	0.001349878	1.61196E-05	1.56361E-05
48113	Dallas County	Industrial Equipment	Forklifts	50 < hp <= 75	0.000132942	16.38757626	5.139732834	0.017025272	0.000337135	0.002334904	0.002860168	0.067264514	0.00200776	0.001947528
48113	Dallas County	Industrial Equipment	Forklifts	75 < hp <= 100	0.000185604	22.88468779	7.1751716175	0.026595536	0.000175598	0.001811691	0.002911238	0.04970074	0.004243246	0.004115947
48113	Dallas County	Industrial Equipment	Forklifts	100 < hp <= 175	9.52356E-05	11.74281808	3.681950509	0.005862337	8.17796E-05	0.000812585	0.000887551	0.016158732	0.001404594	0.00145999
48113	Dallas County	Industrial Equipment	Forklifts	175 < hp <= 300	2.51768E-05	3.104425813	0.973371712	0.001168071	2.00146E-05	0.000197998	0.000238469	0.003058846	0.000232836	0.000225851
48113	Dallas County	Industrial Equipment	Forklifts	300 < hp <= 600	5.1683E-05	6.371789216	1.998142478	0.005878449	6.6022E-05	0.000698533	0.000839058	0.012344775	0.000908572	0.000881315
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	3 < hp <= 6	9.66652E-07	0.0118736411	0.037372239	0.000494217	1.48412E-05	0.000136599	0.000168427	0.000783906	4.76419E-05	4.62126E-05
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	6 < hp <= 11	3.99662E-07	0.0409091545	0.015451528	0.000204334	6.13608E-06	5.64769E-05	6.96361E-05	0.000324105	1.96975E-05	1.91066E-05
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	11 < hp <= 16	3.642E-07	0.044840389	0.014080516	0.000113241	2.73741E-06	2.18451E-05	2.6935E-05	0.000266003	1.24886E-05	1.24886E-05
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	16 < hp <= 25	1.05423E-06	0.129796988	0.040758075	0.000327791	6.80179E-06	6.32337E-05	7.79672E-05	0.000769983	3.71487E-05	3.60342E-05
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	25 < hp <= 40	4.79263E-06	0.59077235	0.185290442	0.000331244	1.33808E-05	8.52917E-05	0.000105506	0.002416898	3.19988E-05	3.10088E-05
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	40 < hp <= 50	2.37756E-06	0.29307408	0.091919977	0.000164326	6.63805E-06	4.2312E-05	5.23402E-05	0.001198989	1.58741E-05	1.53979E-05
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	50 < hp <= 75	2.54893E-05	3.141800247	0.985456126	0.00309768	7.6778E-05	0.000519741	0.00063222	0.013475769	0.000431465	0.000418521
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	75 < hp <= 100	0.00011464	13.74222977	4.309365934	0.01452931	0.000127737	0.001431022	0.00117591	0.033449928	0.002473522	0.002399315
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	100 < hp <= 175	0.000215979	26.62896758	8.350070947	0.012227415	0.000230363	0.002395255	0.002899467	0.044303446	0.000538123	0.000666079
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	175 < hp <= 300	0.000120988	14.91744851	4.677572603	0.005349983	0.000121095	0.001240403	0.00149301	0.018961491	0.001049148	0.001017673
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	300 < hp <= 600	2.06064E-05	2.540338194	0.796676052	0.001829041	2.87446E-05	0.000321394	0.000386087	0.005912013	0.000277636	0.000269307
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	600 < hp <= 750	5.87983E-06	0.724869579	0.227322957	0.000734809	7.80338E-06	8.90446E-05	0.000106178	0.001693904	8.30932E-05	8.06004E-05
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	25 < hp <= 40	8.68637E-07	0.107031486	0.033582796	0.000133984	3.22832E-06	2.81942E-05	3.42719E-05	0.000477337	2.02196E-05	1.9613E-05
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	50 < hp <= 75	7.60692E-06	0.936638727	0.294094966	0.002805295	3.04355E-05	0.000460555	0.000534782	0.004137753	0.000378034	0.000366693
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	75 < hp <= 100	3.06773E-06	0.377759736	0.118603038	0.001416874	1.01124E-05	0.000178616	0.00020673	0.001242227	0.000202013	0.000195953
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	100 < hp <= 175	1.89288E-05	2.33155316	0.73181437	0.003832567	6.9165E-05	0.000888956	0.001045592	0.006538922	0.000847345	0.000821924
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	175 < hp <= 300	1.37522E-05	1.694172728	0.531682559	0.002307475	4.01914E-05	0.000574795	0.000675562	0.004146813	0.000455944	0.000442266
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	300 < hp <= 600	3.35785E-06	0.413782255	0.129819648	0.000657643	8.34721E-06	0.000103353	0.000122777	0.000999301	8.96571E-05	8.69674E-05
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	1000 < hp <= 1200	3.22946E-07	0.039776351	0.012485572	0.67741E-05	8.16738E-07	1.6202E-05	1.85938E-05	0.000203042	9.79147E-06	9.49772E-06
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	3 < hp <= 6	2.97029E-07	0.036484033	0.011483572	0.000153187	4.58397E-06	4.21912E-05	5.20218E-05	0.000241066	1.4954E-05	1.45054E-05
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	6 < hp <= 11	3.11173E-08	0.000383107	0.001203041	9.01710E-06	2.01552E-07	1.8551E-06	2.28734E-06	2.27122E-05	1.1177E-06	1.08417E-06
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	11 < hp <= 16	1.28241E-08	0.001578922	0.000495799	4.00176E-06	8.6039E-08	7.64527E-07	9.42636E-07	9.42636E-07	4.6808E-07	4.6808E-07
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	16 < hp <= 25	7.83694E-06	0.964894979	0.30298768	0.002445516	5.07612E-05	0.00046721	0.00057607	0.005720091	0.000281494	0.000273049
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	25 < hp <= 40	3.02551E-05	3.729668811	1.169705541	0.001764546	6.72587E-05	0.00047331	0.00058582	0.014844251	0.000127386	0.000123565
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	40 < hp <= 50	2.5572E-05	3.15236682	0.988651354	0.00149142	8.16454E-05	0.000400049	0.000495144	0.012546568	0.000107669	0.000104439
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	50 < hp <= 75	3.45134E-05	4.255280606	1.334340276	0.001803606	6.97137E-05	0.000351273	0.000435595	0.016500566	0.000185776	0.000180203
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	75 < hp <= 100	0.000171291	21.12385765	6.622348661	0.00609786	5.35726E-05	0.000516455	0.000629621	0.031899112	0.001122429	0.001088757
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	100 < hp <= 175	0.000283641	34.97899859	10.96598962	0.005799717	8.8818E-05	0.000902253	0.001093447	0.019179397	0.001377937	0.001336593
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	175 < hp <= 300	0.000122964	15.16410065	7.35981792	0.001405908	3.0548E-05	0.000399821	0.000471099	0.0005421666	0.000317776	0.000308243
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	300 < hp <= 600	3.39429E-06	0.418557388	0.131228394	0.000103591	2.09483E-06	1.96743E-05	2.37423E-05	0.000338366	1.77691E-05	1.7236E-05
48113	Dallas County	Commercial Equipment	Air Compressors	3 < hp <= 6	2.35349E-07	0.028909288	0.000908952	0.00012098	3.30522E-06	4.07521E-05	0.000190847	1.17854E-05	1.14318E-05	1.14318E-05
48113	Dallas County	Commercial Equipment	Air Compressors	6 < hp <= 11	9.11426E-07	0.011955738	0.035237118	0.000468514	1.39039E-05	0.000127999	0.000157819	0.000739086	4.56408E-05	4.42715E-05
48113	Dallas County	Commercial Equipment	Air Compressors	11 < hp <= 16	1.58088E-07	0.019463333	0.006111923	4.97913E-05	1.04555E-06	9.6286E-06	1.18711E-05	0.000115799	5.66136E-06	5.49152E-06
48113	Dallas County	Commercial Equipment	Air Compressors	16 < hp <= 25	4.04729E-07	0.049829065	0.015647442	0.000127473	2.67675E-06	2.46506E-05	3.03919E-05	0.000296464	1.44939E-05	1.40591E-05
48113	Dallas County	Commercial Equipment	Air Compressors	25 < hp <= 40	2.52994E-05	3.11836148	0.978112741	0.00206327	7.64974E-05	0.00051533	0.000632457	0.01314167	0.000238911	0.000231743
48113	Dallas County	Commercial Equipment	Air Compressors	40 < hp <= 50	2.30936E-05	2.846476805	0.892832985	0.001883378	6.98277E-05	0.000466933	0.000577315	0.011995874	0.000218081	0.000211538
48113	Dallas County	Commercial Equipment	Air Compressors	50 < hp <= 75	0.000203359	25.05981619	7.862176915	0.035198953	0.000602772	0.00604872	0.007205505	0.117125922	0.005330803	0.00517088
48113	Dallas County	Commercial Equipment	Air Compressors	75 < hp <= 100	0.000365604	45.06246827	14.13478303	0.070035268	0.000603402	0.008420804	0.009903516	0.1139178227	0.011442817	0.011442817
48113	Dallas County	Commercial Equipment	Air Compressors	100 < hp <= 175	5.7821E-05	7.12750184	2.235446332	0.004914259	8.82873E-05	0.001091269	0.001298342	0.017224948	0.00120177	0.001165717
48113	Dallas County	Commercial Equipment	Air Compressors	175 < hp <= 300										

countyID	countyName	classification	equip	Sulfur Dioxide (SO2)	Total Gaseous Hydrocarbons	Total Organic Gases	Volatile Organic Compounds	Activity				
								Min HP	Max Hp	hours	avg hp	avg hp *activity
48113	Dallas County	Industrial Equipment	Aerial Lifts	1.90703E-08	7.98348E-06	9.44724E-06	8.80491E-06	6	11	3.146926	8	25.17540814
48113	Dallas County	Industrial Equipment	Aerial Lifts	2.04879E-07	5.15816E-05	6.02899E-05	5.65964E-05	11	16	20.45502	13.2	270.0063185
48113	Dallas County	Industrial Equipment	Aerial Lifts	4.69955E-06	0.001183186	0.001382939	0.001298216	16	25	286.7335	21.6	6193.44454
48113	Dallas County	Industrial Equipment	Aerial Lifts	7.35378E-06	0.001419707	0.001648284	0.001541705	25	40	356.208	33	11754.86421
48113	Dallas County	Industrial Equipment	Aerial Lifts	2.39788E-06	0.00046293	0.000537463	0.00050271	40	50	84.24078	45.5	3832.955574
48113	Dallas County	Industrial Equipment	Aerial Lifts	2.31336E-05	0.004542071	0.005229285	0.004932189	50	75	600.8938	60.5	36354.07621
48113	Dallas County	Industrial Equipment	Aerial Lifts	1.1193E-05	0.002132925	0.002450876	0.002329227	75	100	213.5376	83.9	17915.80584
48113	Dallas County	Industrial Equipment	Aerial Lifts	1.69719E-07	2.64385E-05	3.07959E-05	2.89977E-05	100	175	2.672258	113	301.9651195
48113	Dallas County	Industrial Equipment	Forklifts	1.34844E-08	2.26785E-06	2.74447E-06	2.52223E-06	11	16	2.142065	15	32.13096935
48113	Dallas County	Industrial Equipment	Forklifts	5.61851E-09	9.44937E-07	1.14353E-06	1.05093E-06	16	25	0.535517	25	13.38792105
48113	Dallas County	Industrial Equipment	Forklifts	4.51447E-08	3.08873E-06	3.72029E-06	3.28676E-06	25	40	4.284135	34.7	148.6594925
48113	Dallas County	Industrial Equipment	Forklifts	7.71981E-07	5.28177E-05	6.36175E-05	5.62041E-05	40	50	54.08718	47	2542.097328
48113	Dallas County	Industrial Equipment	Forklifts	4.01927E-05	0.00267204	0.003197303	0.002854246	50	75	2000.155	61.7	123409.5371
48113	Dallas County	Industrial Equipment	Forklifts	5.49727E-05	0.00198729	0.002366836	0.002184574	75	100	2015.149	85.5	172295.2241
48113	Dallas County	Industrial Equipment	Forklifts	2.8176E-05	0.000894365	0.00106933	0.000982907	100	175	724.0184	135.6	98176.90166
48113	Dallas County	Industrial Equipment	Forklifts	7.40513E-06	0.000218013	0.000258484	0.000235372	175	300	117.8136	220.3	25954.34404
48113	Dallas County	Industrial Equipment	Forklifts	1.61468E-05	0.000764555	0.00090508	0.000833499	300	600	150.5488	353.9	53279.21124
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	3.75677E-07	0.00015144	0.000183268	0.000168427	3	6	121.1413	4.4	533.0217653
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	1.55324E-07	6.2613E-05	7.57721E-05	6.96361E-05	6	11	22.95603	9.6	220.3779091
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	1.41881E-07	2.42185E-05	2.93084E-05	2.6935E-05	11	16	14.65866	13.7	200.8236196
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	4.10694E-07	7.01039E-05	8.48374E-05	7.79672E-05	16	25	25.7218	22.6	581.3126312
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	1.36109E-06	9.86726E-05	0.000118887	0.000105326	25	40	81.3141	32.5	2642.708205
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	6.75218E-07	4.89501E-05	5.89783E-05	5.22509E-05	40	50	29.5939	44.3	1311.009934
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	7.86899E-06	0.000587509	0.000699988	0.000630919	50	75	229.2836	61.3	14055.08733
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	3.36963E-05	0.001558759	0.001845327	0.001712812	75	100	713.8492	86.1	61462.41852
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	6.52199E-05	0.002625617	0.003129831	0.002888542	100	175	1015.32	130.4	132397.7016
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	6.33396E-05	0.001361499	0.001614105	0.001478534	175	300	316.6823	234.2	74167.00081
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	6.53312E-06	0.000351939	0.000414832	0.000383832	300	600	32.43963	389.4	12631.99069
48113	Dallas County	Industrial Equipment	Other General Industrial Equipment	1.86419E-06	9.6848E-05	0.000113981	0.000105531	600	750	5.545237	650	3604.403767
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	2.6564E-07	3.14226E-05	3.75002E-05	3.42306E-05	25	40	9.283336	37.2	345.3400965
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	2.48314E-06	0.000490986	0.000565218	0.000533159	50	75	46.74269	64.7	3024.251924
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	8.3169E-07	0.000188728	0.000216843	0.000206092	75	100	14.11602	86.4	1219.623923
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	6.06257E-06	0.000950872	0.001107508	0.001042893	100	175	64.85378	128.9	8359.652782
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	4.38697E-06	0.000614987	0.000715753	0.000673119	175	300	24.76961	245.2	6073.509083
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	1.07154E-06	0.000111701	0.000131124	0.000122355	300	600	3.462419	428.3	1482.954268
48113	Dallas County	Industrial Equipment	Other Material Handling Equipment	1.04128E-07	1.70187E-05	1.94106E-05	1.85369E-05	1000	1200	0.13317	1071	142.6250158
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	1.15434E-07	4.67752E-05	5.66058E-05	5.20218E-05	3	6	24.21165	5	121.058255
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	1.21224E-08	2.05666E-06	2.48889E-06	2.28734E-06	6	11	1.152935	11	12.68228148
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	4.99592E-09	8.47591E-07	1.02573E-06	9.42663E-07	11	16	0.384312	13.6	5.226640888
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	3.05306E-06	0.000517972	0.000626832	0.00057607	16	25	147.1914	21.7	3194.054443
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	8.4503E-06	0.000551569	0.000664079	0.000584645	25	40	354.3356	34.8	12330.87958
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	7.14231E-06	0.000466194	0.000561289	0.00049415	40	50	239.042	43.6	10422.22953
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	9.79985E-06	0.000420987	0.000505309	0.000434201	50	75	231.3559	60.8	14066.44035
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	4.86407E-05	0.000570028	0.000683194	0.000624069	75	100	852.4037	81.9	69811.8606
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	8.05259E-05	0.00099107	0.001182264	0.001077634	100	175	956.9366	134.3	128516.5848
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	3.47954E-05	0.000430369	0.000501647	0.000453055	175	300	257.1046	216.7	55714.56181
48113	Dallas County	Industrial Equipment	Sweepers/Scrubbers	9.88418E-07	2.17691E-05	2.58371E-05	2.33134E-05	300	600	4.227432	363.8	1537.939761
48113	Dallas County	Commercial Equipment	Air Compressors	9.14679E-08	3.66424E-05	4.43424E-05	4.07521E-05	3	6	25.41655	5.6	142.3326665
48113	Dallas County	Commercial Equipment	Air Compressors	3.54224E-07	0.000141903	0.000171723	0.000157819	6	11	58.02164	9.5	551.2055977
48113	Dallas County	Commercial Equipment	Air Compressors	6.15845E-08	1.06741E-05	1.29167E-05	1.18711E-05	11	16	7.188521	13.3	95.60733253
48113	Dallas County	Commercial Equipment	Air Compressors	1.57666E-07	2.73274E-05	3.30686E-05	3.03918E-05	16	25	10.78279	22.7	244.7694336
48113	Dallas County	Commercial Equipment	Air Compressors	7.31416E-06	0.00058803	0.000708955	0.000631541	25	40	456.728	33.5	15300.38696
48113	Dallas County	Commercial Equipment	Air Compressors	6.67645E-06	0.000536761	0.000647143	0.000576479	40	50	315.2679	44.3	13966.36713
48113	Dallas County	Commercial Equipment	Air Compressors	6.52536E-05	0.00651493	0.007808279	0.00718886	50	75	2022.798	60.8	122986.1467
48113	Dallas County	Commercial Equipment	Air Compressors	0.000114895	0.009024206	0.01050692	0.009876195	75	100	2635.364	83.9	221107.0104
48113	Dallas County	Commercial Equipment	Air Compressors	1.81527E-05	0.001179557	0.001386629	0.001294454	100	175	300.891	129.2	38875.12183
48113	Dallas County	Commercial Equipment	Air Compressors	3.07435E-05	0.001803543	0.002114412	0.001965038	175	300	271.8803	243.3	66148.46901
48113	Dallas County	Commercial Equipment	Air Compressors	1.5794E-05	0.00120993	0.001391933	0.001311493	300	600	76.2497	427.4	32589.12044
48113	Dallas County	Commercial Equipment	Generator Sets	5.86185E-06	0.002462407	0.002901081	0.002710645	3	6	1721.354	5.3	9123.173852
48113	Dallas County	Commercial Equipment	Generator Sets	9.27438E-06	0.003895922	0.004589973	0.004288674	6	11	1718.372	8.4	14434.32796
48113	Dallas County	Commercial Equipment	Generator Sets	1.15923E-05	0.003004215	0.003483856	0.003285401	11	16	1324.422	13.6	18012.13334
48113	Dallas County	Commercial Equipment	Generator Sets	2.85843E-05	0.007407772	0.008590466	0.008101121	16	25	2085.171	21.3	44414.13913
48113	Dallas County	Commercial Equipment	Generator Sets	6.31309E-05	0.012479732	0.014281288	0.013477332	25	40	3451.756	33.4	115288.6614
48113	Dallas County	Commercial Equipment	Generator Sets	1.1685E-05	0.002309901	0.002643353	0.002494549	40	50	472.1026	45.2	21339.03685
48113	Dallas County	Commercial Equipment	Generator Sets	5.74814E-05	0.0084178	0.009639739	0.009088757	50	75	1739.454	60	104367.2126
48113	Dallas County	Commercial Equipment	Generator Sets	9.89606E-05	0.012737344	0.014668679	0.013832298	75	100	2116.795	86.4	182891.0768
48113	Dallas County	Commercial Equipment	Generator Sets	4.77294E-05	0.004986511	0.005721705	0.005431217	100	175	723.1666	135.7	98133.70107
48113	Dallas County	Commercial Equipment	Generator Sets	4.62911E-05	0.0044086	0.005049376	0.004784235	175	300	401.4045	238	95534.2701
48113	Dallas County	Commercial Equipment	Generator Sets	4.24278E-05	0.003206007	0.00368917	0.003475256	300	600	209.007	419.3	87636.64744
48113	Dallas County	Commercial Equipment	Pumps	1.63713E-06	0.000648607	0.000781991	0.00072037	3	6	353.1719	5.2	1836.494041
48113	Dallas County	Commercial Equipment	Pumps	6.43815E-06	0.002550711	0.003075258	0.002832926	6	11	849.6691	8.5	7222.187503
48113	Dallas County	Commercial Equipment	Pumps	2.61021E-06	0.000494602	0.000594407	0.00054861	11	16	213.2741	13.7	2921.855067

countyID	countyName	classification	equip	HP bin	Ammonia (NH3)	Atmospheric CO2	Brake Specific Fuel Consumption (BSFC)	Carbon Monoxide (CO)	Methane (CH4)	Non-Methane Hydrocarbons	Non-Methane Organic Gases	Oxides of Nitrogen (NOx)	Primary Exhaust PM10 Total	Primary Exhaust PM2.5 - Total
48113	Dallas County	Commercial Equipment	Pumps	16 < hp <= 25	8.4729E-06	1.042992611	0.327575045	0.002858164	5.76806E-05	0.000567656	0.000693843	0.006348455	0.000334261	0.000324234
48113	Dallas County	Commercial Equipment	Pumps	25 < hp <= 40	2.1313E-05	0.894242099	0.003107317	0.008942029	8.85017E-05	0.000735907	0.000897749	0.013429984	0.000465292	0.000451333
48113	Dallas County	Commercial Equipment	Pumps	40 < hp <= 50	8.66143E-06	1.067254877	0.33486401	0.001163587	3.31409E-05	0.000275573	0.000336177	0.005029084	0.000174236	0.000169009
48113	Dallas County	Commercial Equipment	Pumps	50 < hp <= 75	8.10696E-05	9.985960988	3.134271511	0.019967609	0.000246764	0.003744383	0.004323157	0.053163391	0.003365017	0.003264066
48113	Dallas County	Commercial Equipment	Pumps	75 < hp <= 100	0.000124533	15.34240944	4.814647224	0.032788019	0.00024383	0.005054676	0.005774283	0.061663537	0.005791912	0.005618154
48113	Dallas County	Commercial Equipment	Pumps	100 < hp <= 175	7.59073E-05	9.3562739	2.934689133	0.009821306	0.00014273	0.00247498	0.00286082	0.03359916	0.002271546	0.0022034
48113	Dallas County	Commercial Equipment	Pumps	175 < hp <= 300	3.50966E-05	4.325102742	1.356886478	0.003874705	6.01189E-05	0.001038776	0.001198421	0.013754593	0.00079453	0.000770694
48113	Dallas County	Commercial Equipment	Pumps	300 < hp <= 600	2.9366E-05	3.619498643	1.135334458	0.003671826	4.45023E-05	0.000683924	0.000793509	0.011369292	0.000532049	0.000516087
48113	Dallas County	Commercial Equipment	Welders	6 < hp <= 11	2.42676E-06	0.298064196	0.093822154	0.001659056	3.13197E-05	0.000357817	0.000429666	0.001796364	0.000186521	0.000180925
48113	Dallas County	Commercial Equipment	Welders	11 < hp <= 16	2.23725E-05	2.75236465	0.864955336	0.001003139	0.000153588	0.002026738	0.00239534	0.01515479	0.001215419	0.001178957
48113	Dallas County	Commercial Equipment	Welders	16 < hp <= 25	4.72188E-05	5.80905532	1.825548498	0.021112323	0.000324179	0.00427573	0.005055531	0.031985242	0.002565227	0.00248827
48113	Dallas County	Commercial Equipment	Welders	25 < hp <= 40	4.53694E-05	5.586476882	1.75404659	0.012369394	0.000203464	0.002661788	0.003114622	0.025118023	0.00198764	0.00192801
48113	Dallas County	Commercial Equipment	Welders	40 < hp <= 50	0.000176056	21.67836035	6.806587934	0.047999504	0.000789544	0.010329087	0.010286301	0.097470595	0.007173047	0.007481654
48113	Dallas County	Commercial Equipment	Welders	50 < hp <= 75	0.000178007	21.90770488	6.882012439	0.081277852	0.000742243	0.014027329	0.010365884	0.103924534	0.01026805	0.010930044
48113	Dallas County	Commercial Equipment	Welders	75 < hp <= 100	0.000102869	12.66116532	3.977076053	0.005682711	0.000367054	0.007919889	0.009032242	0.047318131	0.00811071	0.007867389
48113	Dallas County	Commercial Equipment	Welders	100 < hp <= 175	8.77225E-06	1.080095343	0.339148623	0.002353845	3.1053E-05	0.000546664	0.000631632	0.003651264	0.000476787	0.000462483
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	6 < hp <= 11	2.2118E-08	0.002716952	0.000855115	1.1569E-05	3.34002E-07	3.08808E-06	3.80541E-06	1.7972E-05	1.1567E-06	1.122E-06
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	11 < hp <= 16	6.68148E-08	0.0082257	0.002583158	2.15634E-05	4.49325E-07	4.16882E-06	5.13478E-06	4.92197E-05	2.48792E-06	2.41329E-06
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	16 < hp <= 25	2.274E-07	0.027995736	0.008791646	7.339E-05	1.52926E-06	1.41884E-05	1.74759E-05	0.000167517	8.46752E-06	8.2135E-06
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	25 < hp <= 40	8.66001E-07	0.106732571	0.033480883	8.50574E-05	2.85807E-06	2.0208E-05	2.49485E-05	0.000467739	1.15282E-05	1.11823E-05
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	40 < hp <= 50	1.26123E-06	0.155443551	0.04876102	0.000123876	4.16245E-06	2.94306E-05	3.63346E-05	0.000681207	1.67894E-05	1.62858E-05
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	50 < hp <= 75	2.80706E-06	0.345777562	0.108525221	0.000696817	9.0945E-06	0.000125759	0.000146282	0.001825277	0.00015833	0.00012358
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	75 < hp <= 100	3.91625E-06	0.482494919	0.151408077	0.001066829	8.45313E-06	0.000152946	0.000176124	0.001937521	0.000186215	0.000180628
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	100 < hp <= 175	8.07749E-06	0.995370139	0.312287643	0.01053117	1.64611E-05	0.00025362	0.000295687	0.000355201	0.000246304	0.000238915
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	175 < hp <= 300	1.27307E-05	1.568907685	0.492187841	0.014049089	2.36108E-05	0.000359496	0.000418442	0.00488834	0.000282678	0.000274198
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	300 < hp <= 600	1.37005E-05	1.688076641	0.529680569	0.002769977	2.361E-05	0.000498513	0.000565323	0.007704402	0.00024305	0.000421998
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	600 < hp <= 750	4.82573E-06	0.594615171	0.186569898	0.0114709	7.70801E-06	0.000169109	0.000191262	0.002718113	0.000159522	0.000154736
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	750 < hp <= 1000	3.2702E-06	0.40276133	0.126430647	0.000698425	5.5579E-06	0.000173068	0.00019316	0.002970124	0.000124912	0.000121164
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	3 < hp <= 6	9.20459E-07	0.113038011	0.035586355	0.000605854	1.10597E-05	0.000141917	0.000168285	0.000873799	8.06539E-05	7.82342E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	6 < hp <= 11	7.40647E-07	0.090955956	0.028634527	0.0004875	8.89917E-06	0.000114194	0.00013541	0.000703162	6.48981E-05	6.29511E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	11 < hp <= 16	2.23637E-07	0.027504403	0.008646144	0.000101869	1.45777E-06	2.30208E-05	2.67531E-05	0.000192162	1.44232E-05	1.39905E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	16 < hp <= 25	3.25669E-07	0.040052946	0.012590839	0.000148346	1.22286E-06	3.35237E-05	3.89589E-05	0.000280861	2.10036E-05	2.03735E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	25 < hp <= 40	3.68184E-07	0.045320756	0.014234534	0.0004039	1.56913E-06	2.64475E-05	3.03113E-05	0.000260592	1.82461E-05	1.82461E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	50 < hp <= 75	1.15684E-06	0.14243353	0.044725212	0.000373806	3.55284E-06	7.37431E-05	8.35607E-05	0.000879951	6.46695E-05	6.27294E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	75 < hp <= 100	2.69473E-06	0.331830476	0.10418227	0.000922896	5.92549E-06	0.00015924	0.000179073	0.000163225	0.000158328	0.000158328
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	100 < hp <= 175	1.19306E-06	0.146955445	0.046125362	0.00028238	2.53162E-06	5.72523E-05	6.49484E-05	0.000373749	4.86521E-05	4.71925E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	175 < hp <= 300	8.51859E-07	0.104938989	0.032934143	0.000144542	1.65039E-06	3.75765E-05	4.25516E-05	0.000480748	2.75481E-05	2.75481E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	300 < hp <= 600	1.6079E-06	0.19811687	0.062163831	0.000299775	2.74499E-06	5.77235E-05	6.54756E-05	0.000898565	4.35919E-05	4.22842E-05
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	600 < hp <= 750	5.92952E-07	0.207303108	0.022924426	0.000134831	9.38505E-07	0.00013E-05	2.31928E-05	0.000331803	1.67236E-05	1.67236E-05
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	6 < hp <= 11	2.25517E-07	0.0277701576	0.008718826	0.000115446	3.34006E-06	3.16626E-05	3.904E-05	0.000181192	1.12477E-05	1.09103E-05
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	16 < hp <= 25	7.69218E-07	0.094708393	0.029793145	0.000238443	4.94982E-06	4.55586E-05	5.61737E-05	0.000556242	2.7307E-05	2.65108E-05
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	25 < hp <= 40	7.23965E-06	0.892424105	0.2798931	0.000504855	1.96989E-05	0.000124103	0.000153535	0.000359234	4.84862E-05	4.70316E-05
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	40 < hp <= 50	3.24745E-07	0.040030957	0.012555115	2.2646E-05	8.83622E-07	5.56679E-06	6.88701E-06	0.00016114	2.17492E-06	2.10967E-06
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	50 < hp <= 75	4.06846E-06	0.501448832	0.157292937	0.000698812	1.13437E-05	9.12599E-05	0.000110792	0.002150976	8.80506E-05	8.54091E-05
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	75 < hp <= 100	8.29869E-06	1.023080731	0.320839614	0.001662199	1.06919E-05	0.000121687	0.00014587	0.0002619586	0.000262149	0.000254284
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	100 < hp <= 175	1.33919E-06	0.165108062	0.051774946	0.000112226	1.57427E-06	1.65767E-05	2.00408E-05	0.000303016	2.79538E-05	2.71152E-05
48113	Dallas County	Construction and Mining Equipment	Cranes	75 < hp <= 100	2.74118E-05	3.37862784	1.059782916	0.005500018	4.48716E-05	0.000637462	0.00074857	0.010621171	0.000956834	0.000928129
48113	Dallas County	Construction and Mining Equipment	Cranes	100 < hp <= 175	0.000153876	18.96800652	5.949044433	0.013450855	0.000237674	0.002936164	0.00349386	0.047662035	0.003388234	0.003286587
48113	Dallas County	Construction and Mining Equipment	Cranes	175 < hp <= 300	0.000257852	31.78637904	9.968960306	0.018322297	0.000375668	0.004465909	0.005308159	0.065942031	0.003748854	0.003636388
48113	Dallas County	Construction and Mining Equipment	Cranes	300 < hp <= 600	0.000274597	33.8359909	10.61631863	0.046320163	0.000475328	0.009320332	0.010620112	0.147403679	0.00850188	0.008246821
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	50 < hp <= 75	4.9321E-05	6.080247164	1.906825184	0.00491935	0.000114183	0.000716075	0.00087898	0.024298598	0.000554715	0.000538074
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	75 < hp <= 100	7.36388E-05	9.07955679	2.846986316	0.010375332	6.59178E-05	0.000726499	0.000873067	0.019279157	0.001658929	0.001609161
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	100 < hp <= 175	0.000298233	36.77072808	11.5301462	0.01238458	0.000254179	0.003278149	0.003875788	0.053764614	0.005013581	0.004863174
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	175 < hp <= 300	0.0005016	61.81310787	19.39260539	0.075355003	0.00071714	0.015380493	0.017479068	0.187313716	0.012974523	0.012585288
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	300 < hp <= 600	0.000837269	103.1802668	32.37006886	0.174049161	0.001258405	0.024953493	0.02840334	0.377129609	0.02203435	0.021373317
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	600 < hp <= 750	2.04423E-05	2.520660117	0.790328266	0.000130396	1.63788E-05	0.000152462	0.000184432			

countyID	countyName	classification	equip	Sulfur Dioxide (SO2)	Total Gaseous Hydrocarbons	Total Organic Gases	Volatile Organic Compounds	Activity				
								Min HP	Max Hp	hours	avg hp	hr
48113	Dallas County	Commercial Equipment	Pumps	3.30015E-06	0.000625337	0.000751524	0.000693622	16	25	170.2384	21.7	3694.172807
48113	Dallas County	Commercial Equipment	Pumps	7.13518E-06	0.000824409	0.000986251	0.000896683	25	40	294.0135	34.3	10084.66426
48113	Dallas County	Commercial Equipment	Pumps	2.67189E-06	0.000308714	0.000369318	0.000335778	40	50	84.29411	44.8	3776.376159
48113	Dallas County	Commercial Equipment	Pumps	2.70027E-05	0.003991147	0.004569923	0.004309368	50	75	566.4462	62.4	35346.24339
48113	Dallas County	Commercial Equipment	Pumps	4.07514E-05	0.005298505	0.006018111	0.005753837	75	100	629.1587	86.3	54296.39282
48113	Dallas County	Commercial Equipment	Pumps	2.48218E-05	0.002617712	0.003003552	0.002851239	100	175	277.8911	132.4	36792.78509
48113	Dallas County	Commercial Equipment	Pumps	1.14337E-05	0.001098895	0.00125854	0.001192537	175	300	69.94886	243.2	17011.56207
48113	Dallas County	Commercial Equipment	Pumps	9.56871E-06	0.000728426	0.000838011	0.000789556	300	600	35.79962	397.6	14233.92702
48113	Dallas County	Commercial Equipment	Welders	9.43062E-07	0.000389137	0.000460986	0.00042925	6	11	208.8303	8.8	1837.707077
48113	Dallas County	Commercial Equipment	Welders	8.70868E-06	0.002180335	0.002548937	0.002391857	11	16	1152.517	14.7	16941.99742
48113	Dallas County	Commercial Equipment	Welders	1.83803E-05	0.004601751	0.005379712	0.005048182	16	25	1678.745	21.3	35757.26699
48113	Dallas County	Commercial Equipment	Welders	1.45559E-05	0.002865253	0.003318085	0.003108166	25	40	1041.113	33	34356.73775
48113	Dallas County	Commercial Equipment	Welders	5.64844E-05	0.01118663	0.012875842	0.012061249	40	50	2885.746	46.2	133321.4859
48113	Dallas County	Commercial Equipment	Welders	9.52298E-05	0.014769573	0.016778085	0.015981409	50	75	2096.405	64.3	134798.8625
48113	Dallas County	Commercial Equipment	Welders	3.36225E-05	0.008286943	0.009399296	0.009001305	75	100	920.7984	84.6	77899.54294
48113	Dallas County	Commercial Equipment	Welders	2.86575E-06	0.000577717	0.000662685	0.000629756	100	175	48.61228	151.8	7379.344169
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	8.59634E-09	3.42208E-06	4.13942E-06	3.80532E-06	6	11	1.036667	8	8.293337068
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	2.60271E-08	4.61815E-06	5.5841E-06	5.13457E-06	11	16	1.727778	14.5	25.05278273
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	8.8582E-08	1.57176E-05	1.90052E-05	1.74752E-05	16	25	3.628335	23.5	85.26586409
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	2.55973E-07	2.30661E-05	2.78066E-05	2.4918E-05	25	40	10.30841	31.5	324.7148444
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	3.72795E-07	3.35931E-05	4.04971E-05	3.62901E-05	40	50	10.5325	44.9	472.9092015
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	9.41315E-07	0.000134853	0.000155376	0.000145875	50	75	17.03128	61.8	1052.533019
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	1.2865E-06	0.000161399	0.000184577	0.00017558	75	100	17.25537	85.1	1468.432195
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	2.6512E-06	0.000270081	0.000312148	0.000294824	100	175	25.54692	131.8	3367.084065
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	4.16199E-06	0.000383106	0.000442052	0.000416562	175	300	22.18548	239.2	5306.767773
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	4.64203E-06	0.000522123	0.000588933	0.000562865	300	600	12.77345	447.1	5711.009969
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	1.63514E-06	0.000176817	0.00019897	0.000190403	600	750	2.913245	690.5	2011.595994
48113	Dallas County	Construction and Mining Equipment	Bore/Drill Rigs	1.11674E-06	0.000178625	0.000198718	0.000192433	750	1000	1.568671	869	1363.174804
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	3.57646E-07	0.000152977	0.000179345	0.00016805	3	6	66.88654	6	401.3192586
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	2.87779E-07	0.000123093	0.000144309	0.000135221	6	11	39.86684	8.1	322.9214024
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	8.70253E-08	2.44785E-05	2.82109E-05	2.66993E-05	11	16	7.443165	13.1	97.50546333
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	1.2673E-07	3.56465E-05	4.10817E-05	3.88805E-05	16	25	6.729442	21.1	141.9912222
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	1.2437E-07	2.80166E-05	3.18805E-05	3.02309E-05	25	40	4.894138	32.8	160.527732
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	3.99894E-07	7.7296E-05	8.71135E-05	8.32609E-05	50	75	8.462779	59.6	504.3816212
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	9.16142E-07	0.000165166	0.000184998	0.000178387	75	100	14.07064	83.5	1174.898523
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	4.05388E-07	5.9784E-05	6.748E-05	6.47159E-05	100	175	4.486291	128.9	578.2829714
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	2.88561E-07	3.92269E-05	4.4202E-05	4.23624E-05	175	300	1.631379	253.1	412.9019659
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	5.44801E-07	6.04685E-05	6.82206E-05	6.51905E-05	300	600	1.937262	402.3	779.3606338
48113	Dallas County	Construction and Mining Equipment	Cement & Mortar Mixers	2.00917E-07	2.14398E-05	2.41313E-05	2.30884E-05	600	750	0.407845	704.7	287.4082712
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	8.76467E-08	3.51027E-05	4.24801E-05	3.904E-05	6	11	7.096498	10	70.96497813
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	2.9967E-07	5.05084E-05	6.11235E-05	5.61737E-05	16	25	12.04253	20.1	242.0549304
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	2.04892E-06	0.000143801	0.000173233	0.000153262	25	40	69.2446	32.9	2278.147491
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	9.19074E-08	6.45041E-06	7.77063E-06	6.8748E-06	40	50	2.3655	43.2	102.1895888
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	1.2686E-06	0.000102604	0.000122136	0.000110567	50	75	22.14968	57.8	1280.251497
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	2.51899E-06	0.000132379	0.000156562	0.00014548	75	100	32.04176	81.5	2611.403163
48113	Dallas County	Construction and Mining Equipment	Concrete/Industrial Saws	4.0594E-07	1.8151E-05	2.16151E-05	1.99721E-05	100	175	3.870816	120.9	467.9816643
48113	Dallas County	Construction and Mining Equipment	Cranes	8.65225E-06	0.000682334	0.000793441	0.000746444	75	100	201.149	88.1	17721.22505
48113	Dallas County	Construction and Mining Equipment	Cranes	4.8512E-05	0.003173839	0.003731534	0.003483528	100	175	761.6498	145.2	110591.5494
48113	Dallas County	Construction and Mining Equipment	Cranes	8.0884E-05	0.004841576	0.005683825	0.005276921	175	300	779.6361	237.7	185319.5028
48113	Dallas County	Construction and Mining Equipment	Cranes	9.27117E-05	0.009795659	0.011095439	0.010574231	300	600	479.0135	412	197353.5801
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	1.44942E-05	0.000830258	0.000993163	0.000876806	50	75	365.7182	58.35105	21340.0418
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	2.17893E-05	0.000792417	0.000938985	0.000870145	75	100	369.069	87.1759	32173.9199
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	8.85766E-05	0.003532327	0.004129967	0.003856653	100	175	1051.876	135.7053	142745.0535
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	0.000160871	0.016097633	0.018196206	0.017382024	175	300	1023.341	233.8989	239358.4182
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	0.000276643	0.026211898	0.029661743	0.028265848	300	600	943.9329	425.3	401454.6445
48113	Dallas County	Construction and Mining Equipment	Crawler Tractor/Dozers	6.06374E-06	0.000168841	0.00020081	0.000182037	600	750	13.86375	707	9801.674425
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	4.5179E-08	7.66933E-06	9.28116E-06	8.52958E-06	16	25	2.478583	20.4	50.56309931
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	7.38082E-08	4.84469E-06	5.83357E-06	5.14069E-06	25	40	3.540833	32.1	113.6607351
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	3.73734E-07	2.47758E-05	2.9833E-05	2.62896E-05	40	50	12.74701	45.6	581.2635219
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	6.12472E-06	0.000398248	0.000477492	0.000424194	50	75	146.9446	60.7	8919.540012
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	2.13749E-06	7.12959E-05	8.52314E-05	7.83834E-05	75	100	35.40833	89	3151.340943
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	4.48444E-06	0.000134526	0.000161296	0.000147881	100	175	55.59109	132.3	7354.701165
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	3.0559E-06	8.48767E-05	0.000100855	9.17219E-05	175	300	20.89092	241.3	5040.979558
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	1.50899E-05	0.000825259	0.000971628	0.000898569	300	600	54.52883	423.2	23076.60077
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	1.85131E-06	9.80531E-05	0.000115373	0.000106698	600	750	4.248999	666.3	2831.1108057
48113	Dallas County	Construction and Mining Equipment	Crushing/Processing Equipment	2.15623E-07	1.9075E-05	2.2111E-05	2.08843E-05	750	1000	0.354083	920	325.7567822
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	1.02181E-07	5.47433E-05	6.3098E-05	5.97475E-05	6	11	19.93619	10	199.3618895
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	1.40167E-07	5.55996E-05	6.29563E-05	6.02267E-05	11	16	19.09677	14.3	273.0838363
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	1.65931E-07	6.58197E-05	7.45287E-05	7.12974E-05	16	25	13.64056	23.7	323.2811578
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	2.25588E-07	7.90054E-05	8.86619E-05	8.49876E-05	25	40	15.7391	32.2	506.798888
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	7.24872E-08	2.53864E-05	2.84893E-05	2.73086E-05	40	50	3.357674	48.5	162.8471968
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	4.42351E-08	1.45158E-05	1.62903E-05	1.5661E-05	50	75	1.678837	57.8	97.03680218

countyID	countyName	classification	equip	HP bin	Ammonia (NH3)	Atmospheric CO2	Brake Specific Fuel Consumption (BSFC)	Carbon Monoxide (CO)	Methane (CH4)	Non-Methane Hydrocarbons	Non-Methane Organic Gases	Oxides of Nitrogen (NOx)	Primary Exhaust PM10 Total	Primary Exhaust PM2.5 - Total
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	75 < hp <= 100	1.20697E-06	0.148435634	0.04666334	0.00081871	4.88946E-06	0.000130338	0.000146773	0.000702058	0.000130815	0.000126891
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	100 < hp <= 175	5.19963E-07	0.063981102	0.020102532	0.000180632	2.0875E-06	4.49437E-05	5.11886E-05	0.000296506	4.00605E-05	3.88587E-05
48113	Dallas County	Construction and Mining Equipment	Excavators	3 < hp <= 6	3.48049E-08	0.004275266	0.001345611	1.78127E-05	5.31772E-07	4.89448E-06	6.03489E-06	2.79715E-05	1.73989E-06	1.68769E-06
48113	Dallas County	Construction and Mining Equipment	Excavators	6 < hp <= 11	2.58551E-07	0.03175912	0.009995973	0.000132323	3.95031E-06	6.36589E-05	4.48306E-05	0.000207788	1.29249E-05	1.25371E-05
48113	Dallas County	Construction and Mining Equipment	Excavators	11 < hp <= 16	8.79322E-07	0.108265273	0.033995923	0.00027218	5.64402E-06	5.1948E-05	6.40519E-05	0.000635675	3.13229E-05	3.03832E-05
48113	Dallas County	Construction and Mining Equipment	Excavators	16 < hp <= 25	6.44969E-06	0.794108249	0.249354519	0.001996395	4.1398E-05	0.00038103	0.00046981	0.0004662572	0.000229748	0.00022856
48113	Dallas County	Construction and Mining Equipment	Excavators	25 < hp <= 40	5.56818E-06	0.686308724	0.215274069	0.000529979	1.71888E-05	0.000117146	0.000144771	0.002888287	6.5904E-05	6.39269E-05
48113	Dallas County	Construction and Mining Equipment	Excavators	40 < hp <= 50	1.2831E-05	1.581419649	0.496064542	0.001351481	4.14965E-05	0.000289954	0.000358222	0.006771062	0.000178188	0.000172842
48113	Dallas County	Construction and Mining Equipment	Excavators	50 < hp <= 75	9.88597E-06	1.218262475	0.382206385	0.002120708	2.7397E-05	0.000288315	0.000340333	0.005496608	0.000289675	0.000280985
48113	Dallas County	Construction and Mining Equipment	Excavators	75 < hp <= 100	2.4117E-05	2.973615253	0.932400434	0.003329702	2.05477E-05	0.0002321	0.000278153	0.006150895	0.000532567	0.00051659
48113	Dallas County	Construction and Mining Equipment	Excavators	100 < hp <= 175	0.000153192	18.88880287	5.92263773	0.009675757	0.000121566	0.001389424	0.001664026	0.023769556	0.002328373	0.002258521
48113	Dallas County	Construction and Mining Equipment	Excavators	175 < hp <= 300	0.000708195	87.28355804	27.37988896	0.000200243	0.000997547	0.018105674	0.020796197	0.241195623	0.019531029	0.018945101
48113	Dallas County	Construction and Mining Equipment	Excavators	300 < hp <= 600	0.000416173	51.30331397	16.089861	0.059763076	0.000562743	0.007176824	0.008446334	0.122146118	0.009383329	0.009101829
48113	Dallas County	Construction and Mining Equipment	Excavators	600 < hp <= 750	5.09991E-05	6.28770888	1.971701658	0.007852776	6.05524E-05	0.000618762	0.000743482	0.01149906	0.000899729	0.000872737
48113	Dallas County	Construction and Mining Equipment	Graders	50 < hp <= 75	4.1811E-06	0.515386944	0.161647606	0.000583645	1.09445E-05	7.69076E-05	9.41386E-05	0.002135576	6.55383E-05	6.55383E-05
48113	Dallas County	Construction and Mining Equipment	Graders	75 < hp <= 100	2.03753E-06	0.251006275	0.078774054	0.000779276	3.95278E-06	8.78405E-05	9.97842E-05	0.000993676	0.000112444	0.000120712
48113	Dallas County	Construction and Mining Equipment	Graders	100 < hp <= 175	0.000196909	24.27497252	7.612801016	0.018720049	0.000219254	0.003064486	0.003597335	0.046568545	0.004313499	0.004184093
48113	Dallas County	Construction and Mining Equipment	Graders	175 < hp <= 300	9.37541E-05	11.55295971	3.624676448	0.013923874	0.000146656	0.003036241	0.003456031	0.002276723	0.002160794	0.002160794
48113	Dallas County	Construction and Mining Equipment	Graders	300 < hp <= 600	1.51206E-06	0.186403849	0.058458554	0.000205654	1.24126E-06	2.40901E-05	2.87207E-05	0.000415333	3.24401E-05	3.14669E-05
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	175 < hp <= 300	2.88393E-05	3.556235786	1.114970625	0.009976552	1.63084E-05	0.000169297	0.000203778	0.00243092	0.000204102	0.000197979
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	300 < hp <= 600	0.000137621	16.9682254	9.320646887	0.012041056	0.00014556	0.001426132	0.001721178	0.026558867	0.001981916	0.001922459
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	600 < hp <= 750	2.47033E-05	3.045694389	5.95065236	0.003804289	2.96811E-05	0.000294397	0.000355057	0.000548338	0.000435795	0.000422721
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	750 < hp <= 1000	9.58532E-07	0.118172936	0.03705832	6.67246E-05	1.28991E-06	1.3002E-05	1.58619E-05	0.000495719	1.18397E-05	1.14845E-05
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	6 < hp <= 11	1.20464E-08	0.001479791	0.00046573	6.26821E-06	1.61737E-06	1.67275E-06	2.06239E-06	9.66758E-06	6.15756E-07	5.97283E-07
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	11 < hp <= 16	7.62428E-09	0.000938678	0.000294766	2.43703E-06	5.04226E-08	4.64534E-07	5.72694E-07	5.53472E-06	2.78417E-07	2.70065E-07
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	16 < hp <= 25	1.50148E-07	0.005804924	0.002850924	4.79933E-05	9.9299E-07	9.14822E-06	1.12782E-05	0.000108997	5.48297E-06	5.31848E-06
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	25 < hp <= 40	6.93301E-07	0.08545238	0.026800477	6.61546E-05	2.1658E-06	1.48129E-05	1.83105E-05	0.000360114	8.14756E-06	7.90314E-06
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	40 < hp <= 50	9.02714E-08	0.003490028	8.61367E-06	2.81999E-07	1.92871E-06	4.68888E-05	2.38412E-06	1.06086E-06	1.02903E-06	1.02903E-06
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	50 < hp <= 75	1.15503E-06	0.14229973	0.044655068	0.000337809	3.63379E-06	4.48216E-05	5.25756E-05	0.00068966	4.76568E-05	4.62271E-05
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	75 < hp <= 100	1.62824E-06	0.200636673	0.062950214	0.000584633	3.27472E-06	5.35792E-05	6.21775E-05	0.000710004	8.94521E-05	8.67686E-05
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	100 < hp <= 175	1.65758E-05	2.042867227	6.608440428	0.002701784	3.16020E-05	0.000435908	0.000512459	0.006143197	0.00060878	0.000589566
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	175 < hp <= 300	2.51368E-05	3.098195172	9.971827686	0.003404136	4.31275E-05	0.000592141	0.000695203	0.00795244	0.000664371	0.00064444
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	300 < hp <= 600	0.00011466	14.12738627	4.432925937	0.003804289	0.000196858	0.000244861	0.000480783	0.061795472	0.004932756	0.004784772
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	600 < hp <= 750	3.34813E-05	4.12544595	1.29443642	0.012001194	5.31061E-05	0.001186307	0.001340192	0.018075323	0.001489474	0.001445051
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	1000 < hp <= 1200	3.84471E-06	0.473505332	1.48642157	0.00123004	6.58313E-06	0.000207887	0.000231806	0.000331465	0.000188615	0.000182957
48113	Dallas County	Construction and Mining Equipment	Pavers	16 < hp <= 25	1.65888E-07	0.020424599	0.006413475	5.14252E-05	1.06746E-06	9.825E-06	1.21142E-05	0.000119958	5.89637E-06	5.71947E-06
48113	Dallas County	Construction and Mining Equipment	Pavers	25 < hp <= 40	8.09119E-07	0.099740348	0.031281783	5.42018E-05	2.16508E-06	1.35966E-05	1.68081E-05	0.000399475	4.90379E-06	4.75668E-06
48113	Dallas County	Construction and Mining Equipment	Pavers	40 < hp <= 50	6.19347E-07	0.076325344	0.023944884	7.55695E-05	1.72142E-06	1.72815E-05	2.03209E-05	0.000326919	8.52758E-06	8.27176E-06
48113	Dallas County	Construction and Mining Equipment	Pavers	50 < hp <= 75	5.69128E-07	0.070147588	0.022003357	5.4285E-05	1.7759E-06	1.21566E-05	1.5027E-05	0.00028118	6.68405E-06	6.48353E-06
48113	Dallas County	Construction and Mining Equipment	Pavers	75 < hp <= 100	1.25078E-07	0.015401955	0.004835717	6.129E-05	2.79922E-07	7.47056E-06	8.40473E-06	7.47426E-05	8.78001E-06	8.51661E-06
48113	Dallas County	Construction and Mining Equipment	Pavers	100 < hp <= 175	7.99101E-05	9.844311663	3.089443297	0.018584488	0.00015687	0.003417277	0.003885476	0.004166257	0.003148953	0.003054484
48113	Dallas County	Construction and Mining Equipment	Pavers	175 < hp <= 300	2.30362E-05	2.840286598	0.890613122	0.001389229	2.27134E-05	0.000238194	0.000285704	0.003570135	0.000280889	0.000272462
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	3 < hp <= 6	2.34499E-07	0.028806744	0.009066084	0.000127023	3.49405E-06	3.24473E-05	3.99625E-05	0.000188568	1.26959E-05	1.22797E-05
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	6 < hp <= 11	4.17841E-07	0.05132919	0.016154372	0.000226316	2.2585E-06	5.7816E-05	7.12071E-05	0.000335999	2.25772E-05	2.18805E-05
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	11 < hp <= 16	6.57349E-08	0.008092741	0.002541408	2.18817E-05	4.39757E-07	4.10864E-06	5.05615E-06	4.79599E-06	2.50307E-06	2.42798E-06
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	16 < hp <= 25	5.81418E-07	0.071579473	0.022478499	0.000193541	3.8896E-06	3.63405E-05	4.47211E-05	0.000424201	2.21394E-05	2.14752E-05
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	25 < hp <= 40	2.24028E-07	0.027559229	0.008661265	0.000108881	8.8429E-07	2.16187E-05	2.4221E-05	0.000169341	1.63009E-05	1.58118E-05
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	40 < hp <= 50	0.024971801	0.009784049	0.00010132	4.54604E-07	1.22226E-05	1.37449E-05	0.000122185	1.43705E-05	1.39394E-05	1.39394E-05
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	100 < hp <= 175	3.33702E-06	0.411029905	1.29014157	0.00095162	7.29875E-06	0.000162896	0.000184938	0.0001944605	0.000183566	0.000178059
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	175 < hp <= 300	5.96748E-06	0.735096256	2.230711835	0.001518694	1.19439E-05	0.000271619	0.000307625	0.003224742	0.000270757	0.000262634
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	300 < hp <= 600	3.47069E-06	0.427635883	1.134182192	0.000950169	5.87332E-06	0.000126032	0.000142786	0.001852615	0.000117203	0.000113571
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	3 < hp <= 6	2.67627E-06	0.328755325	0.103468459	0.001424168	3.98168E-05	0.000372712	0.000458583	0.002185127	0.000145085	0.000140849
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	6 < hp <= 11	2.09801E-06	0.257845232	0.081151052	0.001116985	3.12286E-05	0.000292321	0.00035967	0.00171381	0.000113886	0.000110469
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	11 < hp <= 16	2.10988E-06	0.259740773	0.081571116	0.000695313	1.42716E-05	0.000135047	0.000165922	0.001565012	8.09211E-05	7.84934E-05
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	16 < hp <= 25	0.034110554	0.034110554	0.010712359	9.13122E-05	1.87422E-06	1.77351E-05	2.17898E-05	0.000205526	1.0627E-05	1.03802E-05
48113	Dallas County	Construction and Mining Equipment	Rollers	3 < hp <= 6	4.45361E-07	0.054707543	0.01721834	0.00022825	6.75674E-06	6.21896E-05	7.66798E-05	0.000357585	2.26883E-05	2.16002E-05
48113	Dallas County	Construction and Mining												

countyID	countyName	classification	equip	Sulfur Dioxide (SO2)	Total Gaseous Hydrocarbons	Total Organic Gases	Volatile Organic Compounds	Activity				
								Min HP	Max Hp	hours	avg hp	hr
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	4.09721E-07	0.000135228	0.000151662	0.000146224	75	100	10.70259	85.4	914.0009059
48113	Dallas County	Construction and Mining Equipment	Dumpers/Tenders	1.76465E-07	4.70312E-05	5.32761E-05	5.10201E-05	100	175	3.987237	109.7	437.3999212
48113	Dallas County	Construction and Mining Equipment	Excavators	1.35268E-08	5.42625E-06	6.56666E-06	6.03489E-06	3	6	2.834148	6	17.00489085
48113	Dallas County	Construction and Mining Equipment	Excavators	1.00485E-07	4.03093E-05	4.87809E-05	4.48306E-05	6	11	15.79027	8	126.3221256
48113	Dallas County	Construction and Mining Equipment	Excavators	3.42565E-07	5.7592E-05	6.96599E-05	6.40519E-05	11	16	32.79516	13.1	429.6165675
48113	Dallas County	Construction and Mining Equipment	Excavators	2.51266E-06	0.000422428	0.000511208	0.00046981	16	25	146.566	21.5	3151.169177
48113	Dallas County	Construction and Mining Equipment	Excavators	1.62076E-06	0.000134335	0.00016196	0.000144573	25	40	84.81986	32.62623	2767.352297
48113	Dallas County	Construction and Mining Equipment	Excavators	3.77638E-06	0.000331451	0.000399719	0.000357777	40	50	145.4505	43.1	6268.918171
48113	Dallas County	Construction and Mining Equipment	Excavators	3.10676E-06	0.000315712	0.00036773	0.000339423	50	75	80.88465	60.38814	4884.474031
48113	Dallas County	Construction and Mining Equipment	Excavators	17.12445E-06	0.000252647	0.000298701	0.0002772	75	100	129.294	90.39238	11687.19361
48113	Dallas County	Construction and Mining Equipment	Excavators	4.52261E-05	0.001510989	0.001785592	0.001655239	100	175	609.6378	136.5659	83255.76162
48113	Dallas County	Construction and Mining Equipment	Excavators	0.000225121	0.01910322	0.021793747	0.020677165	175	300	1640.592	232.1252	380822.7393
48113	Dallas County	Construction and Mining Equipment	Excavators	0.000131803	0.007739565	0.009009077	0.008396958	300	600	547.7525	420.6014	230385.4891
48113	Dallas County	Construction and Mining Equipment	Excavators	1.57975E-05	0.000679314	0.000804035	0.000738041	600	750	38.46347	71.94	27670.62137
48113	Dallas County	Construction and Mining Equipment	Graders	1.26513E-06	8.78522E-05	0.000105083	9.39456E-05	50	75	31.7585	59.63441	1893.899098
48113	Dallas County	Construction and Mining Equipment	Graders	6.6478E-07	9.17932E-05	0.000103737	9.94259E-05	75	100	10.92282	84.36306	921.4828514
48113	Dallas County	Construction and Mining Equipment	Graders	5.97987E-05	0.003283741	0.003816589	0.003582891	100	175	704.085	140.7108	99072.38159
48113	Dallas County	Construction and Mining Equipment	Graders	3.03304E-05	0.003182896	0.003602686	0.003438125	175	300	208.8504	215.5184	45011.10867
48113	Dallas County	Construction and Mining Equipment	Graders	4.79345E-07	2.62313E-05	3.0862E-05	2.85579E-05	300	600	2.224607	341.8	760.3708093
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	8.35856E-06	0.000185606	0.000220086	0.00020001	175	300	64.04978	244.3	15647.36025
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	4.19034E-05	0.001571692	0.001867279	0.001706529	300	600	184.5216	405.3404	74794.05382
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	7.6582E-06	0.000324079	0.000384738	0.000352473	600	750	19.47866	688.1	13403.26899
48113	Dallas County	Construction and Mining Equipment	Off-highway Trucks	2.86577E-07	1.42919E-05	1.71518E-05	1.58531E-05	750	1000	0.599161	868	520.0718574
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	4.68201E-09	1.85442E-06	2.24407E-06	2.06239E-06	6	11	0.674056	7.9	5.32504428
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	2.9701E-09	5.14957E-07	6.23116E-07	5.72692E-07	11	16	0.224685	15	3.370280903
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	5.84911E-08	1.01412E-05	1.22712E-05	1.12782E-05	16	25	3.145595	21.1	66.37024849
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	2.02153E-07	1.69787E-05	2.04763E-05	1.82861E-05	25	40	8.987414	34.1	306.470814
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	2.63214E-08	2.21071E-06	2.66612E-06	2.38095E-06	40	50	0.898741	44.4	39.90411772
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	3.8175E-07	4.84554E-05	5.62094E-05	5.24388E-05	50	75	8.538043	59.8	510.5749684
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	5.26237E-07	5.68539E-05	6.54522E-05	6.1995E-05	75	100	6.53804	84.3	719.7567425
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	5.35192E-06	0.000466968	0.000543519	0.000510996	100	175	59.09222	137.7	8136.998494
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	8.08052E-06	0.000635269	0.000738331	0.00069184	175	300	52.80106	233.7	12339.60699
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	3.88487E-05	0.004441718	0.005004643	0.004786826	300	600	127.1719	442.6	56286.27698
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	1.13446E-05	0.001239413	0.001393298	0.001334169	600	750	23.14259	710.2	16435.87084
48113	Dallas County	Construction and Mining Equipment	Other Construction Equipment	1.31289E-06	0.000214425	0.000238344	0.000230926	1000	1200	1.572797	1200	1887.356706
48113	Dallas County	Construction and Mining Equipment	Pavers	6.46261E-08	1.08925E-05	1.31817E-05	1.21142E-05	16	25	3.348406	21.9	73.3009946
48113	Dallas County	Construction and Mining Equipment	Pavers	2.28195E-07	1.57617E-05	1.89732E-05	1.6777E-05	25	40	11.14996	32.51831	362.5778023
48113	Dallas County	Construction and Mining Equipment	Pavers	1.79441E-07	1.90029E-05	2.20423E-05	2.02665E-05	40	50	5.965952	45.48041	271.3339411
48113	Dallas County	Construction and Mining Equipment	Pavers	1.6594E-07	1.39342E-05	1.68046E-05	1.5007E-05	50	75	5.031614	50	251.5806955
48113	Dallas County	Construction and Mining Equipment	Pavers	4.25227E-08	7.75048E-06	8.68465E-06	8.37267E-06	75	100	0.637721	86.7	55.29039839
48113	Dallas County	Construction and Mining Equipment	Pavers	2.66723E-05	0.003574147	0.004042346	0.003871462	100	175	292.2909	133.8056	39110.15476
48113	Dallas County	Construction and Mining Equipment	Pavers	6.88637E-06	0.000260907	0.000308418	0.000282908	175	300	50.96861	222.1734	11323.8683
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	9.11435E-08	3.59413E-05	4.34566E-05	3.99606E-05	3	6	26.29043	4.6	120.9359567
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	1.62404E-07	6.40419E-05	7.74329E-05	7.12036E-05	6	11	29.51904	7.3	215.489009
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	2.56064E-08	4.54848E-06	5.49591E-06	5.05576E-06	11	16	2.306175	14.7	33.90077765
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	2.26486E-07	4.02301E-05	4.86107E-05	4.47177E-05	16	25	15.22077	19.7	299.8492464
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	7.73645E-08	2.25033E-05	2.51053E-05	2.41398E-05	25	40	3.418221	33.8	115.5358599
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	6.89436E-08	1.26772E-05	1.41995E-05	1.36924E-05	75	100	1.257051	83.2	104.5866836
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	1.1323E-06	0.000170195	0.000192237	0.000184283	100	175	14.55564	131.3	1911.155923
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	2.02135E-06	0.000283563	0.000319569	0.000306274	175	300	14.84647	230.2	3417.657872
48113	Dallas County	Construction and Mining Equipment	Paving Equipment	1.17959E-06	0.000131906	0.000148659	0.000142162	300	600	4.321116	460	1987.713287
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	1.04017E-06	0.000412529	0.0004984	0.00045854	3	6	238.1322	4.9	1166.847832
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	8.15813E-07	0.00032355	0.000390899	0.000359637	6	11	106.4149	8.6	915.167776
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	8.21852E-07	0.000149318	0.000180194	0.000165898	11	16	64.78205	14.2	919.9051448
48113	Dallas County	Construction and Mining Equipment	Plate Compactors	1.0793E-07	1.96093E-05	2.3664E-05	2.17867E-05	16	25	5.921909	20.4	120.8069418
48113	Dallas County	Construction and Mining Equipment	Rollers	1.73092E-07	6.89464E-05	8.34365E-05	7.66798E-05	3	6	40.29503	5.4	217.5931577
48113	Dallas County	Construction and Mining Equipment	Rollers	5.2264E-07	0.000208178	0.00025193	0.000231529	6	11	75.51804	8.7	657.0069196
48113	Dallas County	Construction and Mining Equipment	Rollers	9.8067E-07	0.000167505	0.000202709	0.000186294	11	16	90.45255	13.6	1230.154646
48113	Dallas County	Construction and Mining Equipment	Rollers	2.5495E-06	0.000435386	0.000526889	0.000484221	16	25	162.3074	19.7	3197.45588
48113	Dallas County	Construction and Mining Equipment	Rollers	9.2729E-07	0.000150853	0.000172797	0.000162117	25	40	45.06439	32.44153	1461.957934
48113	Dallas County	Construction and Mining Equipment	Rollers	2.84488E-07	5.14103E-05	5.95524E-05	5.57215E-05	40	50	9.255627	45.8	423.9077321
48113	Dallas County	Construction and Mining Equipment	Rollers	4.27685E-06	0.000718863	0.000814786	0.000774267	50	75	99.53733	61.84786	6156.170357
48113	Dallas County	Construction and Mining Equipment	Rollers	4.87149E-06	0.000571545	0.000649315	0.000620217	75	100	85.41872	86.43089	7382.816183
48113	Dallas County	Construction and Mining Equipment	Rollers	4.82399E-05	0.005215149	0.005964757	0.00567136	100	175	605.4516	131.7677	79778.96034
48113	Dallas County	Construction and Mining Equipment	Rollers	3.71451E-06	0.00026888	0.000303684	0.000289822	175	300	30.28606	217	6572.076049
48113	Dallas County	Construction and Mining Equipment	Rollers	4.65508E-05	0.000490253	0.000562073	0.000510881	300	600	213.4648	420.5	89761.93011
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	5.56216E-09	9.59135E-07	1.16071E-06	1.06672E-06	11	16	0.490897	13.5	6.627104143
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	9.73378E-08	1.67849E-05	2.03125E-05	1.86676E-05	16	25	5.154417	22.5	115.9743781
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	1.18025E-05	0.000822295	0.000990547	0.000875978	25	40	672.8513	28.8	19378.11874
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	2.07751E-05	0.001450907	0.001747372	0.001545662	40	50	749.5648	45.5	34105.19878
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	6.26036E-05	0.004935573	0.005882597	0.005314437	50	75	1484.88	63	93547.42866
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	0.000488474	0.024447414	0.028961781	0.02687444	75	100	8497.175	88.2	749450.806

countyID	countyName	classification	equip	HP bin	Ammonia (NH3)	Atmospheric CO2	Brake Specific Fuel Consumption (BSFC)	Carbon Monoxide (CO)	Methane (CH4)	Non-Methane Hydrocarbons	Non-Methane Organic Gases	Oxides of Nitrogen (NOx)	Primary Exhaust PM10 Total	Primary Exhaust PM2.5 - Total
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	100 < hp <= 175	0.000920473	113.4867619	35.58688341	0.074377974	0.00104604	0.010869238	0.013156614	0.201600814	0.018530186	0.017974285
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	175 < hp <= 300	0.000100505	12.3918064	3.885677707	0.006357319	0.000106671	0.001078959	0.001298274	0.016482536	0.001280181	0.001421776
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	300 < hp <= 600	0.000199974	24.64787158	7.731309935	0.003788803	0.000321646	0.004611462	0.005378033	0.07355786	0.005677471	0.005507146
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	16 < hp <= 25	6.23702E-08	0.000767896	0.002411326	1.96705E-05	4.08829E-07	3.7629E-06	4.63965E-06	4.52036E-05	2.25042E-06	1.28291E-06
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	25 < hp <= 40	4.86118E-08	0.005979981	0.001879404	2.41338E-05	1.9261E-07	4.71845E-06	5.28529E-06	3.68223E-05	3.75828E-06	3.64553E-06
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	40 < hp <= 50	2.87152E-06	0.353986232	0.111017246	0.000197583	7.47222E-06	4.99547E-05	6.1097E-05	0.001415152	1.75304E-05	1.70045E-05
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	50 < hp <= 75	1.02039E-05	1.257837643	0.394497757	0.00115506	2.23542E-05	0.00017772	0.000211685	0.005176112	0.000153094	0.000148501
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	75 < hp <= 100	5.26325E-05	6.490389866	2.034849947	0.003944828	2.5983E-05	0.000258091	0.000313262	0.010928934	0.00065934	0.00063956
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	100 < hp <= 175	0.00030148	37.16980124	11.65568102	0.024275657	0.000284888	0.00369075	0.004367165	0.058770076	0.005725137	0.005553384
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	175 < hp <= 300	0.000275779	34.00733854	10.6620106	0.007722693	0.000121331	0.001492628	0.001767909	0.020631979	0.001611426	0.001563083
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	300 < hp <= 600	0.000143141	17.64844672	5.534050401	0.013526045	0.000159859	0.001589555	0.001916828	0.02869831	0.002207608	0.00214138
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	600 < hp <= 750	2.47408E-05	3.050401097	0.956517288	0.00349742	2.78454E-05	0.000272407	0.000328885	0.005119315	0.000401492	0.000389447
48113	Dallas County	Construction and Mining Equipment	Scrapers	100 < hp <= 175	5.99857E-05	7.39617637	2.319138698	0.004169678	5.90837E-05	0.000580367	0.000706509	0.01133698	0.001042285	0.001011018
48113	Dallas County	Construction and Mining Equipment	Scrapers	175 < hp <= 300	2.01072E-05	2.47927039	0.777375314	0.001026808	1.73294E-05	0.000173326	0.000208993	0.002598779	0.000207578	0.000201351
48113	Dallas County	Construction and Mining Equipment	Scrapers	300 < hp <= 600	3.32051E-05	4.092926533	1.283760667	0.005745871	4.94667E-05	0.000698074	0.000814786	0.011653065	0.00087315	0.000846956
48113	Dallas County	Construction and Mining Equipment	Scrapers	600 < hp <= 750	8.13723E-06	1.003224912	0.314597596	0.001336279	1.01318E-05	0.000104387	0.000125428	0.001945476	0.000153139	0.000148545
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	3 < hp <= 6	5.28205E-07	0.064884389	0.020421215	0.000276772	7.96471E-06	7.3718E-05	9.08298E-05	0.000429377	2.7728E-05	2.68961E-05
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	6 < hp <= 11	1.79563E-06	0.220573443	0.069421565	0.000940868	2.70759E-05	0.000250603	0.000308774	0.001459659	9.42608E-05	9.1433E-05
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	11 < hp <= 16	1.68288E-06	0.207182979	0.06506294	0.000544232	1.13262E-05	0.000105267	0.000129629	0.001240579	6.28378E-05	6.09527E-05
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	16 < hp <= 25	4.31979E-05	5.318162647	1.670096437	0.002960858	0.00029073	0.002702086	0.003327442	0.031844339	0.001612979	0.001564549
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	25 < hp <= 40	1.80862E-05	2.220961946	0.699293939	0.001806587	6.00968E-05	0.000427532	0.000527648	0.009808052	0.00024827	0.000240822
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	40 < hp <= 50	3.83984E-08	0.004732473	0.00148454	3.83553E-06	1.2759E-07	0.007685E-07	1.12024E-06	2.08233E-05	5.27096E-07	5.11283E-07
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	50 < hp <= 75	2.53602E-06	0.312381787	0.098046458	0.000641634	8.2372E-06	0.000116461	0.000135241	0.001655483	0.000107254	0.000104036
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	75 < hp <= 100	2.18652E-06	0.269378966	0.084534331	0.000605444	4.76241E-06	8.79679E-05	0.000101144	0.001091083	0.000106041	0.000102859
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	100 < hp <= 175	2.77157E-06	0.341524979	0.107153004	0.000370807	5.71183E-06	8.98643E-05	0.00010458	0.001235108	8.64817E-05	8.38873E-05
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	175 < hp <= 300	0.119827E-07	0.72351E-07	0.037592545	0.000110794	1.28331E-06	2.84029E-05	0.000379272	0.00027278E-05	2.15997E-05	2.15997E-05
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	6 < hp <= 11	9.38512E-08	0.011534977	0.00362843	4.14397E-05	1.22639E-06	1.12878E-05	1.39178E-05	6.46002E-05	0.04645E-06	3.92506E-06
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	11 < hp <= 16	2.44673E-05	3.01315116	0.945942458	0.00658081	0.001260857	0.001260857	0.001554637	0.01580317	0.000753295	0.000730696
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	16 < hp <= 25	7.10503E-05	8.749855673	2.746912282	0.019109949	0.0003978	0.003661386	0.004514491	0.044081925	0.002187484	0.00212186
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	25 < hp <= 40	1.64939E-05	2.03339678	0.637676692	0.000849829	3.66328E-05	0.000222734	0.000275664	0.006882737	6.60722E-05	6.40901E-05
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	40 < hp <= 50	5.74564E-05	7.083550737	2.221351436	0.000127611	0.000775894	0.000960275	0.023976051	0.000230163	0.000232358	0.000232358
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	50 < hp <= 75	0.001510874	186.2952826	58.412666309	0.055349275	0.002447704	0.011450778	0.014218761	0.603889401	0.005029361	0.004878478
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	75 < hp <= 100	0.001529334	188.6057421	59.12632048	0.036911527	0.000288843	0.003031324	0.003682449	0.214344256	0.00059646	0.006398569
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	6 < hp <= 11	4.50375E-09	0.000553251	0.000174122	2.72153E-06	6.3251E-06	6.30218E-07	7.69239E-07	3.7172E-06	2.88154E-07	2.79509E-07
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	11 < hp <= 16	3.1291E-08	0.003851317	0.001209756	1.21757E-05	2.13533E-07	2.26416E-06	2.74188E-06	2.35378E-05	1.43599E-06	1.39291E-06
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	16 < hp <= 25	7.22045E-07	0.088869894	0.027915363	0.000280956	4.92731E-06	5.22459E-05	6.32693E-05	0.000543139	3.31357E-05	3.21417E-05
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	100 < hp <= 175	1.59083E-05	1.959426804	0.61503864	0.004646906	3.48806E-05	0.000789963	0.000896072	0.009388364	0.000908534	0.000881278
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	175 < hp <= 300	6.67473E-07	0.082222141	0.025805518	0.000168121	1.33094E-06	3.02807E-05	3.42933E-05	0.000360033	2.90566E-05	2.81849E-05
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	300 < hp <= 600	0.000139451	17.18186717	5.391370485	0.040779095	0.000238877	0.005161861	0.005845548	0.075064316	0.005835394	0.005660332
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	600 < hp <= 750	5.73809E-06	0.707029578	0.221843323	0.002022115	9.06379E-06	0.000202811	0.000229092	0.003089766	0.000241396	0.000234154
48113	Dallas County	Construction and Mining Equipment	Tampers/Rammers	3 < hp <= 6	4.35381E-07	0.053482865	0.016832499	0.000233521	6.42191E-06	0.06537E-05	7.45441E-05	0.000356774	2.40228E-05	2.33022E-05
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	16 < hp <= 25	5.67021E-06	0.698304236	0.21921901	0.00150455	3.1231E-05	0.000287453	0.00035443	0.003511567	0.000172845	0.00016766
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	25 < hp <= 40	2.33383E-05	2.876114936	9.902293236	0.002883843	7.0642E-05	0.000640962	0.000768518	0.010795033	0.000402918	0.000390831
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	40 < hp <= 50	8.63064E-05	10.63893733	3.336737401	0.006269625	0.000214701	0.001496696	0.00183365	0.037204425	0.000696136	0.000675252
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	50 < hp <= 75	0.000878623	108.2328283	33.966866669	0.228213279	0.002763874	0.038551468	0.044660212	0.436092385	0.031133194	0.0301992
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	75 < hp <= 100	0.000604498	74.48684746	23.37078383	0.152827242	0.000976693	0.020511993	0.02393134	0.171626622	0.022172433	0.021507259
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	100 < hp <= 175	9.40958E-05	11.57967663	3.63788648	0.013463509	0.000352785	0.007762806	0.008825177	0.04896492	0.005484941	0.005319423
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	175 < hp <= 300	1.07209E-05	1.321336535	0.414484497	0.00110007	1.36256E-05	0.000271434	0.000310289	0.001814878	0.000204001	0.000197881
48113	Dallas County	Construction and Mining Equipment	Trenchers	6 < hp <= 11	5.68436E-09	0.000698255	0.000219766	2.90798E-06	8.63499E-08	7.94772E-07	9.79953E-07	4.56474E-06	2.84944E-07	2.74989E-07
48113	Dallas County	Construction and Mining Equipment	Trenchers	11 < hp <= 16	7.34229E-08	0.009039893	0.002838643	2.29262E-05	4.77234E-07	4.3925E-06	5.41595E-06	5.31518E-05	2.62302E-06	2.54433E-06
48113	Dallas County	Construction and Mining Equipment	Trenchers	16 < hp <= 25	1.40688E-07	0.017321588	0.005439203	4.39295E-05	9.14441E-07	8.4166E-06	1.03777E-05	0.000101846	5.02604E-06	4.87526E-06
48113	Dallas County	Construction and Mining Equipment	Trenchers	25 < hp <= 40	8.68431E-05	10.70553858	3.357488397	0.005141637	0.000223396	0.001353754	0.001675517	0.042285205	0.00039268	0.0003809
48113	Dallas County	Construction and Mining Equipment	Trenchers	40 < hp <= 50	0.00029581	36.46585439	11.43647661	0.01751377	0.000760944	0.004611247	0.005707257	0.144034445	0.001337571	0.001297442
48113	Dallas County	Construction and Mining Equipment	Trenchers	50 < hp <= 75	0.000717904	88.5038421	27.75526138	0.069444235	0.001675045	0.009987444	0.012329535	0.351565098	0.007543437	0.007317132
48113	Dallas County	Construction and Mining Equipment	Trenchers	75 < hp <= 100	0.000385373	47.51972517	14.89910666	0.043554852	0.000284463	0.002660084	0.003250029	0.010355007	0.007027575	0.006816748
48113	Dallas County	Construction and Mining Equipment	Trenchers	100 < hp <= 175	0.000143984	17.75466515	5.566648137	0.007261664						

countyID	countyName	classification	equip	Sulfur Dioxide (SO2)	Total Gaseous Hydrocarbons	Total Organic Gases	Volatile Organic Compounds	Activity				
								Min HP	Max Hp	hours	avg hp	avg hp *activity
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	0.000278086	0.011915281	0.014202651	0.013110321	100	175	4364.773	108.7	474450.8155
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	3.01715E-05	0.00118563	0.001404945	0.001286478	175	300	226.1221	229.1	51804.57694
48113	Dallas County	Construction and Mining Equipment	Rough Terrain Forklifts	6.53321E-05	0.004933108	0.005699678	0.005352927	300	600	297.8194	346.1	103075.2955
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	2.42972E-08	4.17173E-06	5.04848E-06	4.63965E-06	16	25	1.410771	22.8	32.16557593
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	1.6787E-08	4.91106E-06	5.47853E-06	5.26819E-06	25	40	0.728781	34.4	25.07008353
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	8.07109E-07	5.74269E-05	6.85692E-05	6.09656E-05	40	50	32.67376	45.32908	1481.071508
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	2.99043E-06	0.000200075	0.000234039	0.000210995	50	75	84.47172	61.38008	5184.881807
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	1.51296E-05	0.000284074	0.000339245	0.000311537	75	100	320.0244	85.43145	27340.14888
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	9.03781E-05	0.003975638	0.004652054	0.004347174	100	175	1262.452	136.3941	172190.9297
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	7.92873E-05	0.001613959	0.00188924	0.001729173	175	300	679.2741	231.8456	157486.7018
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	4.3869E-05	0.001749414	0.002076687	0.001901119	300	600	195.013	423.3466	82558.11837
48113	Dallas County	Construction and Mining Equipment	Rubber Tire Loaders	7.60574E-06	0.000300252	0.000356731	0.000326247	600	750	20.47009	692.2	14169.39936
48113	Dallas County	Construction and Mining Equipment	Scrapers	1.78983E-05	0.000639451	0.000765592	0.000703675	100	175	160.2363	160.8	25765.99158
48113	Dallas County	Construction and Mining Equipment	Scrapers	5.94919E-06	0.000190656	0.000226322	0.000206549	175	300	34.98081	246.9	8636.761562
48113	Dallas County	Construction and Mining Equipment	Scrapers	1.07342E-05	0.000474754	0.000864253	0.000810646	300	600	34.5076	412.1089	14220.88587
48113	Dallas County	Construction and Mining Equipment	Scrapers	2.53832E-06	0.000114519	0.000135559	0.000124572	600	750	5.083234	687.6	3495.231797
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	2.05292E-07	8.16827E-05	9.87945E-05	9.08271E-05	3	6	42.64758	5.4	230.296931
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	6.97886E-07	0.000277679	0.00033585	0.000308765	6	11	100.3706	7.8	782.8905458
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	6.55552E-07	0.000116593	0.000140955	0.000129623	11	16	55.55743	13.7	733.736834
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	1.68273E-05	0.002992815	0.003618172	0.00327276	16	25	848.3894	22.2	18834.24506
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	5.35733E-06	0.000487629	0.000587745	0.000527008	25	40	260.2493	30.3	7885.553084
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	1.1374E-08	1.03527E-06	1.24783E-06	1.11888E-06	40	50	0.396721	42.2	16.74164355
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	8.51974E-07	0.000124698	0.000143478	0.000134859	50	75	18.64591	59.3	1105.702718
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	7.19706E-07	9.27303E-05	0.000105907	0.000100829	75	100	10.71149	89	953.3223038
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	9.11507E-07	9.55762E-05	0.000110291	0.000104272	100	175	8.529516	157.5	1343.398844
48113	Dallas County	Construction and Mining Equipment	Signal Boards/Light Plants	3.1853E-07	3.02262E-05	3.48207E-05	3.28503E-05	175	300	2.181969	216	471.3053269
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	3.64967E-08	1.25142E-05	1.51442E-05	1.39178E-05	6	11	4.246034	9.5	40.33732343
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	9.53406E-06	0.001397845	0.001691626	0.001554637	11	16	678.4556	15.5	10516.06166
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	2.76858E-05	0.004059187	0.004912291	0.004514491	16	25	1504.307	20.3	30537.43275
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	4.61175E-06	0.000259367	0.000312297	0.000275119	25	40	206.6782	34.3	7089.063941
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	1.60651E-05	0.000903505	0.001087886	0.000958379	40	50	545.1392	45.3	24694.80671
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	0.000422549	0.003189847	0.016666467	0.014166051	50	75	10628.06	61.1	649374.6004
48113	Dallas County	Construction and Mining Equipment	Skid Steer Loaders	0.000429405	0.003320167	0.003971292	0.003637714	75	100	8185.662	80.3	657308.649
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	1.75047E-09	6.93469E-07	8.3249E-07	7.6894E-07	6	11	0.416001	6.7	2.787209816
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	1.2186E-08	2.47769E-06	2.95541E-06	2.74012E-06	11	16	1.456006	13.3	19.36487409
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	2.81194E-07	5.71732E-05	6.81966E-05	6.32288E-05	16	25	20.59206	21.7	446.8477953
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	5.40518E-06	0.000824844	0.000930953	0.000892879	100	175	86.42747	126.5	10933.07453
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	2.26093E-07	3.16116E-05	3.56242E-05	3.41426E-05	175	300	1.968778	233	458.725275
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	4.72481E-05	0.005400739	0.006084426	0.00582005	300	600	194.5561	492.6	95838.32149
48113	Dallas County	Construction and Mining Equipment	Surfacing Equipment	1.94426E-06	0.000211875	0.000238156	0.000228062	600	750	5.527038	713.5	3943.541452
48113	Dallas County	Construction and Mining Equipment	Tampers/Rammers	1.69218E-07	6.70756E-05	8.0966E-05	7.45336E-05	3	6	45.19663	4.2	189.8258305
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	2.20954E-06	0.000318684	0.000385661	0.00035443	16	25	106.8887	22.8	2437.061694
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	6.84331E-06	0.000711604	0.00083916	0.000767084	25	40	312.4417	32.38267	10117.69439
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	2.45022E-05	0.001711397	0.002048352	0.001830345	40	50	810.298	45.76983	37087.20594
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	0.00027184	0.041315345	0.047424079	0.044523763	50	75	5836.046	63.63845	371396.8933
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	0.000181762	0.021488689	0.024369827	0.023307996	75	100	2997.121	86.77714	260081.5567
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	3.1464E-05	0.0008115591	0.009177958	0.008795733	100	175	369.2977	122.271	45154.39844
48113	Dallas County	Construction and Mining Equipment	Tractors/Loaders/Backhoes	3.19202E-06	0.00028506	0.000323915	0.000308303	175	300	25.85199	194.6417	5031.876224
48113	Dallas County	Construction and Mining Equipment	Trenchers	2.20925E-09	8.81122E-07	1.0663E-06	9.79953E-07	6	11	0.219865	9.6	2.110704594
48113	Dallas County	Construction and Mining Equipment	Trenchers	2.86034E-08	4.86973E-06	5.89318E-06	5.41595E-06	11	16	1.758924	15.5	27.26331628
48113	Dallas County	Construction and Mining Equipment	Trenchers	5.48078E-08	9.33104E-06	1.12921E-05	1.03777E-05	16	25	2.418521	21.6	52.24004885
48113	Dallas County	Construction and Mining Equipment	Trenchers	2.42863E-05	0.00157715	0.001898912	0.001672175	25	40	1036.864	31.1	32246.47774
48113	Dallas County	Construction and Mining Equipment	Trenchers	8.27254E-05	0.005372192	0.006468201	0.005695873	40	50	2584.469	42.5	109839.9219
48113	Dallas County	Construction and Mining Equipment	Trenchers	0.000210742	0.01166249	0.01400458	0.012300677	50	75	4299.533	62	266571.0709
48113	Dallas County	Construction and Mining Equipment	Trenchers	0.000112616	0.002944549	0.00353449	0.003238517	75	100	1736.605	82.4	143096.2291
48113	Dallas County	Construction and Mining Equipment	Trenchers	4.20535E-05	0.001034771	0.001241884	0.001136448	100	175	539.7496	110	59372.45471
48113	Dallas County	Construction and Mining Equipment	Trenchers	6.13312E-05	0.001409498	0.001672676	0.001520366	175	300	360.419	241.6	87077.23869
48113	Dallas County	Construction and Mining Equipment	Trenchers	5.83255E-05	0.002528299	0.003002709	0.002751186	300	600	183.2863	423.7	77658.42395
48113	Dallas County	Construction and Mining Equipment	Trenchers	8.73452E-06	0.000365834	0.000434497	0.000397862	600	750	16.26282	715.1	11629.53941
48113	Dallas County	Construction and Mining Equipment	Trenchers	2.50998E-06	0.000187991	0.00022034	0.000206723	1200	2000	2.197677	1500	3296.515757

# SCC	Project Equipment Name	Equipment	Load_Factor_Txn2	Load_Factor_moves	HP
2270002003	Curb/Gutter Paver	Pavers	0.42	0.59	175
2270002003	Asphalt Paver	Pavers	0.42	0.59	175
2270002009	Compacting Equipment	Plate Compactors	0.43	0.43	6
2270002009	Vibratory Compactor	Plate Compactors	0.43	0.43	6
2270002015	Roller	Rollers	0.38	0.59	100
2270002018	Scraper	Scrapers	0.48	0.59	600
2270002021	Paving Machine	Paving Equipment	0.36	0.59	175
2270002021	Cold Planer	Paving Equipment	0.36	0.59	175
2270002024	Surfacing Equipment (Grooving)	Surfacing Equipment	0.3	0.59	25
2270002027	Light plant	Signal Boards/Light Plants	0.43	0.43	11
2270002030	Trenchers	Trenchers	0.5	0.59	75
2270002030	Trencher	Trenchers	0.5	0.59	75
2270002033	Auger Drill	Bore/Drill Rigs	0.5	0.43	175
2270002033	Pile Driver	Bore/Drill Rigs	0.5	0.43	175
2270002033	Bore/Drill Rig	Bore/Drill Rigs	0.5	0.43	175
2270002033	Caisson Drilling Rig	Bore/Drill Rigs	0.5	0.43	175
2270002033	Hoist Equipment with 40 Ton Rig	Bore/Drill Rigs	0.5	0.43	600
2270002036	Excavator	Excavators	0.38	0.59	175
2270002036	Hydraulic Hammer	Excavators	0.38	0.59	175
2270002039	Concrete Saw	Concrete/Industrial Saws	0.59	0.59	40
2270002039	Concrete Saws	Concrete/Industrial Saws	0.59	0.59	40
2270002039	Masonry Saw	Concrete/Industrial Saws	0.59	0.59	40
2270002039	Pruning Saw/Chain Saw	Concrete/Industrial Saws	0.59	0.59	11
2270002039	Chain Saw	Concrete/Industrial Saws	0.59	0.59	11
2270002042	Grout Mixer	Cement & Mortar Mixers	0.43	0.43	600
2270002045	Crane	Cranes	0.29	0.43	300
2270002045	Truck Tower (Mantiwoc type)	Cranes	0.29	0.43	300
2270002045	40 Ton Rough Terrain Crane	Cranes	0.29	0.43	300
2270002045	90 Ton Crane	Cranes	0.29	0.43	300
2270002045	Tower Crane	Cranes	0.29	0.43	300
2270002048	Grader	Graders	0.41	0.59	300
2270002051	Survey Crew Trucks	Off-highway Trucks	0.38	0.59	600
2270002051	Truck for Topsoil & Seed Del&Spread	Off-highway Trucks	0.38	0.59	600
2270002051	Hydroseeder	Off-highway Trucks	0.38	0.59	600
2270002051	Seed Truck Spreader	Off-highway Trucks	0.38	0.59	600
2270002051	Pickup Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Crew Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Dump Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Pump Truck	Off-highway Trucks	0.38	0.59	611
2270002051	Concrete Ready Mix Trucks	Off-highway Trucks	0.38	0.59	600
2270002051	Delivery of Tanks (3)	Off-highway Trucks	0.38	0.59	600
2270002051	Distributing Tanker	Off-highway Trucks	0.38	0.59	600
2270002051	Flatbed Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Concrete Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Grout Wheel Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Off-Road Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Stripping Machine & Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Tool Truck	Off-highway Trucks	0.38	0.59	600
2270002051	Water Truck	Off-highway Trucks	0.38	0.59	600
2270002060	Rubber Tired Loader	Rubber Tire Loaders	0.36	0.59	175
2270002066	Tractors/Loader/Backhoe	Tractors/Loaders/Backhoes	0.37	0.21	100
2270002066	Tractor	Tractors/Loaders/Backhoes	0.37	0.21	100
2270002066	Loader	Tractors/Loaders/Backhoes	0.37	0.21	175
2270002066	Rubber Tiered Loader	Tractors/Loaders/Backhoes	0.37	0.21	175
2270002066	Front Loader	Tractors/Loaders/Backhoes	0.37	0.21	100
2270002066	Front Loader for Sugrade Materials	Tractors/Loaders/Backhoes	0.37	0.21	100
2270002066	Front Loader/Scraper (to clear lot)	Tractors/Loaders/Backhoes	0.37	0.21	100
2270002066	Backhoe	Tractors/Loaders/Backhoes	0.37	0.21	100
2270002066	Backfill with Backhoe	Tractors/Loaders/Backhoes	0.37	0.21	600
2270002066	Backhoe175	Tractors/Loaders/Backhoes	0.37	0.21	175
2270002069	Small Dozer	Crawler Tractor/Dozers	0.43	0.59	175
2270002069	Dozer	Crawler Tractor/Dozers	0.43	0.59	175
2270002069	Bulldozer	Crawler Tractor/Dozers	0.43	0.59	175
2270002072	Skid Steer Loader	Skid Steer Loaders	0.37	0.21	75
2270002072	Bob Cat	Skid Steer Loaders	0.37	0.21	75
2270002051	Tractor Trailers Temp Fac.	Off-highway Trucks	0.38	0.59	600
2270002051	Material Deliveries	Off-highway Trucks	0.38	0.59	600
2270002051	Ten Wheelers	Off-highway Trucks	0.38	0.59	600
2270002051	Asphalt Deliveries/Ten Wheelers	Off-highway Trucks	0.38	0.59	600
2270002081	Concrete Vibrator	Other Construction Equipment	0.42	0.59	600
2270002081	Line Painting Truck and Sprayer	Other Construction Equipment	0.42	0.59	600

2270002081 Trowel Machine	Other Construction Equipment	0.42	0.59	600
2270002081 Other General Equipment	Other Construction Equipment	0.42	0.59	600
2270003010 Aerial Lift	Aerial Lifts	0.31	0.21	75
2270003010 High Lift	Aerial Lifts	0.31	0.21	100
2270003010 Man Lift	Aerial Lifts	0.31	0.21	75
2270003010 Man Lift (Fascia Construction)	Aerial Lifts	0.31	0.21	75
2270003010 Boom Manlift	Aerial Lifts	0.31	0.21	75
2270003020 Fork Truck	Forklifts	0.2	0.59	100
2270003020 Set with Fork-Truck	Forklifts	0.2	0.59	100
2270003020 Forktruck (Hoist)	Forklifts	0.2	0.59	100
2270003020 High Lift Fork Truck	Forklifts	0.2	0.59	100
2270003020 Forklift	Forklifts	0.2	0.59	100
2270003020 Forklift/Skytrack	Forklifts	0.2	0.59	100
2270003030 Sweepers	Sweepers/Scrubbers	0.46	0.43	175
2270003050 Crack Filler (Trailer Mounted)	Other Material Handling Equipment	0.4	0.21	100
2270004066 Log Chipper	Chippers/Stump Grinders (Commercial)	#N/A	0.43	100
2270004066 Chipper/Stump Grinder	Chippers/Stump Grinders (Commercial)	#N/A	0.43	100
2270005055 Mulcher	Other Agricultural Equipment	#N/A	0.59	100
2270006005 Generator Sets	Generator Sets	0.31	0.43	40
2270006005 Generator	Generator Sets	0.31	0.43	40
2270006010 Concrete Boom Pump	Pumps	0.43	0.43	11
2270006010 Concrete Truck Pump	Pumps	0.43	0.43	11
2270006010 Pumps	Pumps	0.43	0.43	11
2270006010 Concrete Pump	Pumps	0.43	0.43	11
2270006015 Air Compressor	Air Compressors	0.31	0.43	100
2270006015 Compressor11	Air Compressors	0.31	0.43	11
2270006025 Welder	Welders	0.21	0.21	25
2270006030 Pressure Washer	Pressure Washers	#N/A	0.43	25

mph	Year 1/2 Splits		
	25	2.7%	97%

ON ROAD (Associated with Construction)

Equipment	Equipment ID	Fuel Type	Fuel Type ID	VMT	YEAR 1 VMT	YEAR 2 VMT	Tot Hrs	Year 1 Hrs	Year 1 # vehicles	Year 2 Hrs	Year 2 # vehicles
Cement Mixer		52 Diesel	2	23,125	624	22,501	925	25	1	900	1
Dump Truck Subbase Material		52 Diesel	2	12,333	333	12,000	493	13	1	480	1
Passenger Car		21 Gasoline	1	1,078,440	29,118	1,049,322	43,138	1,165	1	41,973	20
Cement Mixer		52 Diesel	2	23,125	624	22,501	925	25	1	900	1
Dump Truck Subbase Material		52 Diesel	2	12,333	333	12,000	493	13	1	480	1
Passenger Car		21 Gasoline	1	510,840	13,793	497,047	20,434	552	1	19,882	10
Tractor Trailer		61 Diesel	2	2,400	65	2,335	96	3	1	93	1
Asphalt 18 Wheeler		61 Diesel	2	1,306	35	1,271	52	1	1	51	1
Cement Mixer		52 Diesel	2	20,813	562	20,251	833	22	1	810	1
Dump Truck - Asphalt		52 Diesel	2	1,850	50	1,800	74	2	1	72	1
Dump Truck Subbase Material		52 Diesel	2	11,100	300	10,800	444	12	1	432	1
Passenger Car		21 Gasoline	1	392,160	10,588	381,572	15,686	424	1	15,263	8
Asphalt 18 Wheeler		61 Diesel	2	134	4	130	5	0	1	5	1
Cement Mixer		52 Diesel	2	2,131	58	2,073	85	2	1	83	1
Dump Truck - Asphalt		52 Diesel	2	189	5	184	8	0	1	7	1
Dump Truck Subbase Material		52 Diesel	2	1,137	31	1,106	45	1	1	44	1
Passenger Car		21 Gasoline	1	335,400	9,056	326,344	13,416	362	1	13,054	7
Cement Mixer		52 Diesel	2	2,313	62	2,251	93	2	1	90	1
Dump Truck - Asphalt		52 Diesel	2	206	6	200	8	0	1	8	1
Dump Truck Subbase Material		52 Diesel	2	1,233	33	1,200	49	1	1	48	1
Passenger Car		21 Gasoline	1	14,190	383	13,807	568	15	1	552	1
Tractor Trailer		61 Diesel	2	120	3	117	5	0	1	5	1
Total On Road / Construction							97,875	2,643		95,232	
ON ROAD (DEMO of Building 2)											
Dump Truck		52 Diesel	2	515,185	515,185	-	20,607	20,607	13		-
Passenger Car		21 Gasoline	1	59,598	59,598	-	2,384	2,384	2		-
Total On Road Demo of Building 2							22,991	22,991			
ON ROAD (Contaminated Soil Removal)											
Dump Truck		52 Diesel	2	78792.4	78,792	-	3,152	3,152	2		-
ON ROAD (Staging)											
Passenger Car		21 Gasoline	1	24360	24,360	-	974	974	1		
Dump Truck		52 Diesel	2	13306	13,306	-	532	532	1		
Total On Road Staging							1507	1507			
							125,525	30,292		95,232	

Resuspended Road Dust 2023

SpeedBin	Equipment ID	Weight	Total Vehicle Miles Traveled (VMT) per Speed Bin						Silt Loading	AP-42 Roadway Category	sL (Winter)
			5	6	7	12	13	16			
Cement Mixer	52	40	0	1931	0	0	0	0	High ADT Road	5000-10000 ADT	0.12
Dump Truck Subbase Material	52	40	0	1030	0	0	0	0	Assume 25mph, speed bin 6		
Passenger Car	21	5	0	146896	0	0	0	0			
Asphalt 18 Wheeler	61	40	0	39	0	0	0	0			
Dump Truck - Asphalt	52	40	0	61	0	0	0	0			
Tractor Trailer	61	40	0	68	0	0	0	0			
Dump Truck	52	40	0	607283	0	0	0	0			
Dump Truck	52	40	0	607283	0	0	0	0			

Vehicle Type	Pollutant	Road Type	k (g/VMT)	sL	W	VMT	Emissions (tons)	Total Emissions
Cement Mixer	PM _{2.5}	High ADT Road	0.25	0.12	40	1931	0.0006	PM _{2.5} 0.1878 tons in 2023
Cement Mixer	PM ₁₀	High ADT Road	1	0.12	40	1931	0.0023	PM ₁₀ 0.7513 tons in 2023
Dump Truck Subbase Material	PM _{2.5}	High ADT Road	0.25	0.12	40	1030	0.0003	
Dump Truck Subbase Material	PM ₁₀	High ADT Road	1	0.12	40	1030	0.0012	
Passenger Car	PM _{2.5}	High ADT Road	0.25	0.12	5	146896	0.0053	
Passenger Car	PM ₁₀	High ADT Road	1	0.12	5	146896	0.0211	
Asphalt 18 Wheeler	PM _{2.5}	High ADT Road	0.25	0.12	40	39	0.0000	
Asphalt 18 Wheeler	PM ₁₀	High ADT Road	1	0.12	40	39	0.0000	
Dump Truck - Asphalt	PM _{2.5}	High ADT Road	0.25	0.12	40	61	0.0000	
Dump Truck - Asphalt	PM ₁₀	High ADT Road	1	0.12	40	61	0.0001	
Tractor Trailer	PM _{2.5}	High ADT Road	0.25	0.12	40	68	0.0000	
Tractor Trailer	PM ₁₀	High ADT Road	1	0.12	40	68	0.0001	
Dump Truck	PM _{2.5}	High ADT Road	0.25	0.12	40	607283	0.1816	
Dump Truck	PM ₁₀	High ADT Road	1	0.12	40	607283	0.7265	

Formula used from AP-42

$$E = k (sL/2)^{0.91} (W/3)^{1.02}$$

E = particulate emission factor (having units matching the units of k)

k = particle size multiplier for particle size range and units of interest, From AP-42 Table 13.2-1.1

sL = road surface silt loading (grams per square meter) (g/m²), Assume winter time condition

W = average weight (tons) of the vehicles traveling the road

Conservatively assumed passenger cars weight is GVWR of 10,000 pounds or 5 tons.

Conservatively assumed Tractor Trailer, cement mixer, asphalt 18 wheeler, and dump truck weight is based on maximum GVWR of 40 tons.

Mileage provided by the client

Resuspended Road Dust 2024

SpeedBin	Equipment ID	Weight	Total Vehicle Miles Traveled (VMT) per Speed Bin							Silt Loading	AP-42 Roadway Category	sL (Winter)
			5	6	7	12	13	16				
Cement Mixer	52	40	0	69576	0	0	0	0	0	High ADT Road	5000-10000 ADT	0.12
Dump Truck Subbase Material	52	40	0	37106	0	0	0	0	0	Assume 25mph, speed bin 6		
Passenger Car	21	5	0	2268092	0	0	0	0	0			
Asphalt 18 Wheeler	61	40	0	1401	0	0	0	0	0			
Dump Truck - Asphalt	52	40	0	2184	0	0	0	0	0			
Tractor Trailer	61	40	0	2452	0	0	0	0	0			
Dump Truck	52	40	0	0	0	0	0	0	0			

Vehicle Type	Pollutant	Road Type	k (g/VMT)	sL	W	VMT	Emissions (tons)	Total Emissions
Cement Mixer	PM _{2.5}	High ADT Road	0.25	0.12	40	69576	0.0208	PM _{2.5} 0.1151 tons in 2024
Cement Mixer	PM ₁₀	High ADT Road	1	0.12	40	69576	0.0832	PM ₁₀ 0.4602 tons in 2024
Dump Truck Subbase Material	PM _{2.5}	High ADT Road	0.25	0.12	40	37106	0.0111	
Dump Truck Subbase Material	PM ₁₀	High ADT Road	1	0.12	40	37106	0.0444	
Passenger Car	PM _{2.5}	High ADT Road	0.25	0.12	5	2268092	0.0813	
Passenger Car	PM ₁₀	High ADT Road	1	0.12	5	2268092	0.3254	
Asphalt 18 Wheeler	PM _{2.5}	High ADT Road	0.25	0.12	40	1401	0.0004	
Asphalt 18 Wheeler	PM ₁₀	High ADT Road	1	0.12	40	1401	0.0017	
Dump Truck - Asphalt	PM _{2.5}	High ADT Road	0.25	0.12	40	2184	0.0007	
Dump Truck - Asphalt	PM ₁₀	High ADT Road	1	0.12	40	2184	0.0026	
Tractor Trailer	PM _{2.5}	High ADT Road	0.25	0.12	40	2452	0.0007	
Tractor Trailer	PM ₁₀	High ADT Road	1	0.12	40	2452	0.0029	
Dump Truck	PM _{2.5}	High ADT Road	0.25	0.12	40	0	0.0000	
Dump Truck	PM ₁₀	High ADT Road	1	0.12	40	0	0.0000	

Formula used from AP-42

$$E = k (sL/2)^{0.91} (W/3)^{1.02}$$

E = particulate emission factor (having units matching the units of k)

k = particle size multiplier for particle size range and units of interest, From AP-42 Table 13.2-1.1

sL = road surface silt loading (grams per square meter) (g/m²), Assume winter time condition

W = average weight (tons) of the vehicles traveling the road

Conservatively assumed passenger cars weight is GVWR of 10,000 pounds or 5 tons.

Conservatively assumed Tractor Trailer, cement mixer, asphalt 18 wheeler, and dump truck weight is based on maximum GVWR of 40 tons.

Mileage provided by the client

Fugitive Dust

	Activities	Construction Duration (Days)	Area Affected (ac) or Mileage	WRAP Level ¹	Duration or Tonnage ⁵	Emission Factor ^{2,3}			Emission (tons/year)		
						Emission Factor Unit	PM ₁₀	PM _{2.5}	Control Efficiency ⁴	PM ₁₀	PM _{2.5}
2023	Construction Area (Soil Disturbance)		82.7	1	5	ton/ac-month	0.11	0.011	50%	22.743	2.274
	Staging Area (Soil Disturbance)		55.7	1	5	ton/ac-month	0.11	0.011	50%	15.318	1.532
	Wind Erosion		138.4		0.42	ton/ac-year	0.38	0.057	50%	10.957	1.644
	Fugitive Dust Total (2023)									49.017	5.450
2024	Construction Area (Soil Disturbance)		82.7	1	9	ton/ac-month	0.11	0.011	50%	40.937	4.094
	Staging Area (Soil Disturbance)		55.7	1	9	ton/ac-month	0.11	0.011	50%	27.572	2.757
	Wind Erosion		138.4		0.75	ton/ac-year	0.38	0.057	50%	19.722	2.958
	Fugitive Dust Total (2024)									88.230	9.809

¹ WRAP level from Table 3-2 Ch 3 of WRAP Fugitive Dust Handbook Sep/2006: https://www.wrapair.org/forums/dejffdh/content/FDHandbook_Rev_06.pdf

² PM2.5/PM10 is set at 0.1 per guideline listed on section 3.31 of WRAP handbook, 0.15 for Wind Erosion per Section 9.2 of WRAP handbook

³ Wind Erosion Emission Factor extracted from WRAP handbook Table 11-6, assumed 100% of TSP is PM10. To estimate wind erosion on a shorter time scale (e.g. worst case day) - see Chapter 8 of the WRAP handbook.

⁴ Assumed 50% control efficiency.

⁵ Duration in either month or year. Assumed August 2023 through September 2024 for ground disturbance based on schedule provided by client. (5 months in 2023 and 9 months in 2024, which is

equal to 1.5 total years or 18 total months)

MOVESRu					pollutantI		sourceTyp				fuelTypeI		modelYea	temperat	relHumidi	ratePerVe
nID	yearID	monthID	dayID	hourID	zoneID	D	processID	eID	regClassID	SCC	D	rID	ure	ty	hicle	
1	2023	1	5	8	481130	185	91	62	0	0	2	0	35.6	75.8	5E-05	
1	2023	1	5	8	481130	185	90	62	0	0	2	0	35.6	75.8	0.000619	
1	2023	1	5	8	481130	185	19	62	0	0	2	0	35.6	75.8	1.61E-06	
1	2023	1	5	8	481130	185	19	61	0	0	2	0	35.6	75.8	2.98E-07	
1	2023	1	5	8	481130	185	19	53	0	0	2	0	35.6	75.8	3.57E-08	
1	2023	1	5	8	481130	185	19	52	0	0	2	0	35.6	75.8	1.86E-07	
1	2023	1	5	8	481130	185	19	31	0	0	2	0	35.6	75.8	2.51E-07	
1	2023	1	5	8	481130	185	19	21	0	0	2	0	35.6	75.8	1.45E-07	
1	2023	1	5	8	481130	185	17	62	0	0	2	0	35.6	75.8	5.12E-05	
1	2023	1	5	8	481130	185	16	62	0	0	2	0	35.6	75.8	8.27E-07	
1	2023	1	5	8	481130	185	16	61	0	0	2	0	35.6	75.8	3.13E-06	
1	2023	1	5	8	481130	185	16	53	0	0	2	0	35.6	75.8	3.57E-07	
1	2023	1	5	8	481130	185	16	52	0	0	2	0	35.6	75.8	6.29E-06	
1	2023	1	5	8	481130	185	16	31	0	0	2	0	35.6	75.8	9.36E-06	
1	2023	1	5	8	481130	185	16	21	0	0	2	0	35.6	75.8	1.93E-06	
1	2023	1	5	8	481130	185	16	61	0	0	1	0	35.6	75.8	2.29E-06	
1	2023	1	5	8	481130	185	16	53	0	0	1	0	35.6	75.8	7.04E-07	
1	2023	1	5	8	481130	185	16	52	0	0	1	0	35.6	75.8	1.04E-05	
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1	2023	1	5	8	481130	185	2	62	0	0	2	0	35.6	75.8	4.62E-05	
1	2023	1	5	8	481130	185	2	61	0	0	2	0	35.6	75.8	0.000196	
1	2023	1	5	8	481130	185	2	53	0	0	2	0	35.6	75.8	1.96E-05	
1	2023	1	5	8	481130	185	2	52	0	0	2	0	35.6	75.8	0.000347	
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1	2023	1	5	8	481130	185	2	61	0	0	1	0	35.6	75.8	0.000174	
1	2023	1	5	8	481130	185	2	53	0	0	1	0	35.6	75.8	5.33E-05	
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1	2023	1	5	8	481130	185	2	21	0	0	1	0	35.6	75.8	0.000406	
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1	2023	1	5	8	481130	184	90	62	0	0	2	0	35.6	75.8	2.39E-05	
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1	2023	1	5	8	481130	184	16	62	0	0	2	0	35.6	75.8	3.91E-08	
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1	2023	1	5	8	481130	184	16	21	0	0	2	0	35.6	75.8	7.9E-08	
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1	2023	1	5	8	481130	184	16	31	0	0	1	0	35.6	75.8	2.41E-07	
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1	2023	1	5	8	481130	183	91	62	0	0	2	0	35.6	75.8	3.92E-06	
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1	2023	1	5	8	481130	183	16	52	0	0	2	0	35.6	75.8	4.93E-07	
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1	2023	1	5	8	481130	183	16	53	0	0	1	0	35.6	75.8	7.3E-08	
1	2023	1	5	8	481130	183	16	52	0	0	1	0	35.6	75.8	1.08E-06	
1	2023	1	5	8	481130	183	16	31	0	0	1	0	35.6	75.8	8.07E-07	
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1	2023	1	5	8	481130	181	91	62	0	0	2	0	35.6	75.8	2.68E-06	
1	2023	1	5	8	481130	181	90	62	0	0	2	0	35.6	75.8	2.93E-05	
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1	2023	1	5	8	481130	172	17	62	0	2	0	35.6	75.8	6.09E-07
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1	2023	1	5	8	481130	171	90	62	0	2	0	35.6	75.8	2.87E-05
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1	2023	1	5	8	481130	170	91	62	0	2	0	35.6	75.8	1.65E-06
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1	2023	1	5	8	481130	170	17	62	0	2	0	35.6	75.8	8.89E-07
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1	2023	1	5	8	481130	169	91	62	0	2	0	35.6	75.8	1.97E-06
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1	2023	1	5	8	481130	169	17	62	0	2	0	35.6	75.8	8.77E-07
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1	2023	1	5	8	481130	169	16	53	0	1	0	35.6	75.8	1.9E-08
1	2023	1	5	8	481130	169	16	52	0	1	0	35.6	75.8	2.81E-07
1	2023	1	5	8	481130	169	16	31	0	1	0	35.6	75.8	2.11E-07
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1	2023	1	5	8	481130	169	2	62	0	2	0	35.6	75.8	1.04E-06
1	2023	1	5	8	481130	169	2	61	0	2	0	35.6	75.8	4.15E-06
1	2023	1	5	8	481130	169	2	53	0	2	0	35.6	75.8	4.55E-07
1	2023	1	5	8	481130	169	2	52	0	2	0	35.6	75.8	7.88E-06
1	2023	1	5	8	481130	169	2	31	0	2	0	35.6	75.8	2.15E-05
1	2023	1	5	8	481130	169	2	21	0	2	0	35.6	75.8	1.04E-05
1	2023	1	5	8	481130	169	2	61	0	1	0	35.6	75.8	4.7E-06
1	2023	1	5	8	481130	169	2	53	0	1	0	35.6	75.8	1.44E-06
1	2023	1	5	8	481130	169	2	52	0	1	0	35.6	75.8	2.13E-05
1	2023	1	5	8	481130	169	2	31	0	1	0	35.6	75.8	1.59E-05
1	2023	1	5	8	481130	169	2	21	0	1	0	35.6	75.8	1.1E-05
1	2023	1	5	8	481130	110	91	62	0	2	0	35.6	75.8	0.002126
1	2023	1	5	8	481130	110	90	62	0	2	0	35.6	75.8	0.015298
1	2023	1	5	8	481130	110	17	62	0	2	0	35.6	75.8	0.00862
1	2023	1	5	8	481130	110	16	62	0	2	0	35.6	75.8	2E-05
1	2023	1	5	8	481130	110	16	61	0	2	0	35.6	75.8	2.26E-05
1	2023	1	5	8	481130	110	16	53	0	2	0	35.6	75.8	3.54E-06
1	2023	1	5	8	481130	110	16	52	0	2	0	35.6	75.8	6.24E-05
1	2023	1	5	8	481130	110	16	31	0	2	0	35.6	75.8	0.000138
1	2023	1	5	8	481130	110	16	21	0	2	0	35.6	75.8	2.46E-05
1	2023	1	5	8	481130	110	16	61	0	1	0	35.6	75.8	2.46E-05
1	2023	1	5	8	481130	110	16	53	0	1	0	35.6	75.8	1.13E-05
1	2023	1	5	8	481130	110	16	52	0	1	0	35.6	75.8	0.000167
1	2023	1	5	8	481130	110	16	31	0	1	0	35.6	75.8	0.00011
1	2023	1	5	8	481130	110	16	21	0	1	0	35.6	75.8	5.51E-05
1	2023	1	5	8	481130	110	2	62	0	2	0	35.6	75.8	0.000331
1	2023	1	5	8	481130	110	2	61	0	2	0	35.6	75.8	0.000608
1	2023	1	5	8	481130	110	2	53	0	2	0	35.6	75.8	5.53E-05
1	2023	1	5	8	481130	110	2	52	0	2	0	35.6	75.8	0.000874
1	2023	1	5	8	481130	110	2	31	0	2	0	35.6	75.8	0.003778
1	2023	1	5	8	481130	110	2	21	0	2	0	35.6	75.8	0.002128
1	2023	1	5	8	481130	110	2	61	0	1	0	35.6	75.8	0.00308
1	2023	1	5	8	481130	110	2	53	0	1	0	35.6	75.8	0.001413
1	2023	1	5	8	481130	110	2	52	0	1	0	35.6	75.8	0.020889
1	2023	1	5	8	481130	110	2	31	0	1	0	35.6	75.8	0.013788
1	2023	1	5	8	481130	110	2	21	0	1	0	35.6	75.8	0.006886
1	2023	1	5	8	481130	100	91	62	0	2	0	35.6	75.8	0.002311
1	2023	1	5	8	481130	100	90	62	0	2	0	35.6	75.8	0.016629
1	2023	1	5	8	481130	100	17	62	0	2	0	35.6	75.8	0.00937
1	2023	1	5	8	481130	100	16	62	0	2	0	35.6	75.8	2.17E-05
1	2023	1	5	8	481130	100	16	61	0	2	0	35.6	75.8	2.46E-05
1	2023	1	5	8	481130	100	16	53	0	2	0	35.6	75.8	3.85E-06
1	2023	1	5	8	481130	100	16	52	0	2	0	35.6	75.8	6.79E-05
1	2023	1	5	8	481130	100	16	31	0	2	0	35.6	75.8	0.00015
1	2023	1	5	8	481130	100	16	21	0	2	0	35.6	75.8	2.67E-05
1	2023	1	5	8	481130	100	16	61	0	1	0	35.6	75.8	2.79E-05
1	2023	1	5	8	481130	100	16	53	0	1	0	35.6	75.8	1.28E-05
1	2023	1	5	8	481130	100	16	52	0	1	0	35.6	75.8	0.000189
1	2023	1	5	8	481130	100	16	31	0	1	0	35.6	75.8	0.000125
1	2023	1	5	8	481130	100	16	21	0	1	0	35.6	75.8	6.23E-05
1	2023	1	5	8	481130	100	2	62	0	2	0	35.6	75.8	0.00036
1	2023	1	5	8	481130	100	2	61	0	2	0	35.6	75.8	0.00066
1	2023	1	5	8	481130	100	2	53	0	2	0	35.6	75.8	6.01E-05
1	2023	1	5	8	481130	100	2	52	0	2	0	35.6	75.8	0.000949
1	2023	1	5	8	481130	100	2	31	0	2	0	35.6	75.8	0.004106
1	2023	1	5	8	481130	100	2	21	0	2	0	35.6	75.8	0.002313
1	2023	1	5	8	481130	100	2	61	0	1	0	35.6	75.8	0.003481
1	2023	1	5	8	481130	100	2	53	0	1	0	35.6	75.8	0.001597
1	2023	1	5	8	481130	100	2	52	0	1	0	35.6	75.8	0.023614
1	2023	1	5	8	481130	100	2	31	0	1	0	35.6	75.8	0.015586
1	2023	1	5	8	481130	100	2	21	0	1	0	35.6	75.8	0.007784
1	2023	1	5	8	481130	90	91	62	0	2	0	35.6	75.8	13.015
1	2023	1	5	8	481130	90	90	62	0	2	0	35.6	75.8	180.079

1	2023	1	5	8	481130	90	2	62	0	2	0	35.6	75.8	9.05067
1	2023	1	5	8	481130	90	2	61	0	2	0	35.6	75.8	19.3216
1	2023	1	5	8	481130	90	2	53	0	2	0	35.6	75.8	2.17186
1	2023	1	5	8	481130	90	2	52	0	2	0	35.6	75.8	32.8536
1	2023	1	5	8	481130	90	2	31	0	2	0	35.6	75.8	64.2469
1	2023	1	5	8	481130	90	2	21	0	2	0	35.6	75.8	35.9762
1	2023	1	5	8	481130	90	2	61	0	1	0	35.6	75.8	3.07781
1	2023	1	5	8	481130	90	2	53	0	1	0	35.6	75.8	2.7857
1	2023	1	5	8	481130	90	2	52	0	1	0	35.6	75.8	41.8557
1	2023	1	5	8	481130	90	2	31	0	1	0	35.6	75.8	77.8836
1	2023	1	5	8	481130	90	2	21	0	1	0	35.6	75.8	48.9047
1	2023	1	5	8	481130	87	91	62	0	2	0	35.6	75.8	0.005531
1	2023	1	5	8	481130	87	90	62	0	2	0	35.6	75.8	0.10643
1	2023	1	5	8	481130	87	19	62	0	2	0	35.6	75.8	0.00336
1	2023	1	5	8	481130	87	19	61	0	2	0	35.6	75.8	0.00062
1	2023	1	5	8	481130	87	19	53	0	2	0	35.6	75.8	7.44E-05
1	2023	1	5	8	481130	87	19	52	0	2	0	35.6	75.8	0.000387
1	2023	1	5	8	481130	87	19	31	0	2	0	35.6	75.8	0.000522
1	2023	1	5	8	481130	87	19	21	0	2	0	35.6	75.8	0.000301
1	2023	1	5	8	481130	87	19	61	0	1	0	35.6	75.8	0.000265
1	2023	1	5	8	481130	87	19	53	0	1	0	35.6	75.8	0.000154
1	2023	1	5	8	481130	87	19	52	0	1	0	35.6	75.8	0.000644
1	2023	1	5	8	481130	87	19	31	0	1	0	35.6	75.8	0.000798
1	2023	1	5	8	481130	87	19	21	0	1	0	35.6	75.8	0.000501
1	2023	1	5	8	481130	87	18	62	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	87	18	61	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	87	18	53	0	2	0	35.6	75.8	0
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1	2023	1	5	8	481130	87	18	31	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	87	18	21	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	87	18	61	0	1	0	35.6	75.8	0.000239
1	2023	1	5	8	481130	87	18	53	0	1	0	35.6	75.8	9.39E-05
1	2023	1	5	8	481130	87	18	52	0	1	0	35.6	75.8	0.000444
1	2023	1	5	8	481130	87	18	31	0	1	0	35.6	75.8	0.000132
1	2023	1	5	8	481130	87	18	21	0	1	0	35.6	75.8	4.06E-05
1	2023	1	5	8	481130	87	17	62	0	2	0	35.6	75.8	0.01654
1	2023	1	5	8	481130	87	16	62	0	2	0	35.6	75.8	9.15E-05
1	2023	1	5	8	481130	87	16	61	0	2	0	35.6	75.8	0.000346
1	2023	1	5	8	481130	87	16	53	0	2	0	35.6	75.8	3.95E-05
1	2023	1	5	8	481130	87	16	52	0	2	0	35.6	75.8	0.000695
1	2023	1	5	8	481130	87	16	31	0	2	0	35.6	75.8	0.001264
1	2023	1	5	8	481130	87	16	21	0	2	0	35.6	75.8	0.000457
1	2023	1	5	8	481130	87	16	61	0	1	0	35.6	75.8	0.001108
1	2023	1	5	8	481130	87	16	53	0	1	0	35.6	75.8	0.00034
1	2023	1	5	8	481130	87	16	52	0	1	0	35.6	75.8	0.005015
1	2023	1	5	8	481130	87	16	31	0	1	0	35.6	75.8	0.003762
1	2023	1	5	8	481130	87	16	21	0	1	0	35.6	75.8	0.002592
1	2023	1	5	8	481130	87	13	61	0	1	0	35.6	75.8	0.696302
1	2023	1	5	8	481130	87	13	53	0	1	0	35.6	75.8	0.177667
1	2023	1	5	8	481130	87	13	52	0	1	0	35.6	75.8	0.148899
1	2023	1	5	8	481130	87	13	31	0	1	0	35.6	75.8	0.0799
1	2023	1	5	8	481130	87	13	21	0	1	0	35.6	75.8	0.058232
1	2023	1	5	8	481130	87	11	61	0	1	0	35.6	75.8	0.134471
1	2023	1	5	8	481130	87	11	53	0	1	0	35.6	75.8	0.027469
1	2023	1	5	8	481130	87	11	52	0	1	0	35.6	75.8	0.0219
1	2023	1	5	8	481130	87	11	31	0	1	0	35.6	75.8	0.009825
1	2023	1	5	8	481130	87	11	21	0	1	0	35.6	75.8	0.008343
1	2023	1	5	8	481130	87	2	62	0	2	0	35.6	75.8	0.022192
1	2023	1	5	8	481130	87	2	61	0	2	0	35.6	75.8	0.12103
1	2023	1	5	8	481130	87	2	53	0	2	0	35.6	75.8	0.011321
1	2023	1	5	8	481130	87	2	52	0	2	0	35.6	75.8	0.171755
1	2023	1	5	8	481130	87	2	31	0	2	0	35.6	75.8	0.233145
1	2023	1	5	8	481130	87	2	21	0	2	0	35.6	75.8	0.211731
1	2023	1	5	8	481130	87	2	61	0	1	0	35.6	75.8	0.083952
1	2023	1	5	8	481130	87	2	53	0	1	0	35.6	75.8	0.025778
1	2023	1	5	8	481130	87	2	52	0	1	0	35.6	75.8	0.379905
1	2023	1	5	8	481130	87	2	31	0	1	0	35.6	75.8	0.285007
1	2023	1	5	8	481130	87	2	21	0	1	0	35.6	75.8	0.196342
1	2023	1	5	8	481130	46	91	62	0	2	0	35.6	75.8	2.09E-05
1	2023	1	5	8	481130	46	90	62	0	2	0	35.6	75.8	0.004297
1	2023	1	5	8	481130	46	19	62	0	2	0	35.6	75.8	2.37E-05
1	2023	1	5	8	481130	46	19	61	0	2	0	35.6	75.8	4.38E-06
1	2023	1	5	8	481130	46	19	53	0	2	0	35.6	75.8	5.25E-07
1	2023	1	5	8	481130	46	19	52	0	2	0	35.6	75.8	2.73E-06
1	2023	1	5	8	481130	46	19	31	0	2	0	35.6	75.8	3.69E-06
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1	2023	1	5	8	481130	46	19	52	0	1	0	35.6	75.8	4.14E-05
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1	2023	1	5	8	481130	46	18	52	0	1	0	35.6	75.8	2.85E-05
1	2023	1	5	8	481130	46	18	31	0	1	0	35.6	75.8	8.45E-06
1	2023	1	5	8	481130	46	18	21	0	1	0	35.6	75.8	2.61E-06
1	2023	1	5	8	481130	46	17	62	0	2	0	35.6	75.8	0.001165

1	2023	1	5	8	481130	46	16	62	0	2	0	35.6	75.8	3.46E-07
1	2023	1	5	8	481130	46	16	61	0	2	0	35.6	75.8	1.31E-06
1	2023	1	5	8	481130	46	16	53	0	2	0	35.6	75.8	1.49E-07
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1	2023	1	5	8	481130	46	16	31	0	2	0	35.6	75.8	2.55E-05
1	2023	1	5	8	481130	46	16	21	0	2	0	35.6	75.8	2.37E-05
1	2023	1	5	8	481130	46	16	61	0	1	0	35.6	75.8	7.74E-05
1	2023	1	5	8	481130	46	16	53	0	1	0	35.6	75.8	2.12E-05
1	2023	1	5	8	481130	46	16	52	0	1	0	35.6	75.8	0.00031
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1	2023	1	5	8	481130	46	16	21	0	1	0	35.6	75.8	0.000162
1	2023	1	5	8	481130	46	13	61	0	1	0	35.6	75.8	0.044724
1	2023	1	5	8	481130	46	13	53	0	1	0	35.6	75.8	0.011412
1	2023	1	5	8	481130	46	13	52	0	1	0	35.6	75.8	0.009564
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1	2023	1	5	8	481130	46	13	21	0	1	0	35.6	75.8	0.00374
1	2023	1	5	8	481130	46	11	61	0	1	0	35.6	75.8	0.001479
1	2023	1	5	8	481130	46	11	53	0	1	0	35.6	75.8	0.000302
1	2023	1	5	8	481130	46	11	52	0	1	0	35.6	75.8	0.000241
1	2023	1	5	8	481130	46	11	31	0	1	0	35.6	75.8	0.000108
1	2023	1	5	8	481130	46	11	21	0	1	0	35.6	75.8	9.18E-05
1	2023	1	5	8	481130	46	2	62	0	2	0	35.6	75.8	0.001645
1	2023	1	5	8	481130	46	2	61	0	2	0	35.6	75.8	0.00937
1	2023	1	5	8	481130	46	2	53	0	2	0	35.6	75.8	0.000862
1	2023	1	5	8	481130	46	2	52	0	2	0	35.6	75.8	0.01278
1	2023	1	5	8	481130	46	2	31	0	2	0	35.6	75.8	0.014907
1	2023	1	5	8	481130	46	2	21	0	2	0	35.6	75.8	0.015637
1	2023	1	5	8	481130	46	2	61	0	1	0	35.6	75.8	0.005864
1	2023	1	5	8	481130	46	2	53	0	1	0	35.6	75.8	0.001606
1	2023	1	5	8	481130	46	2	52	0	1	0	35.6	75.8	0.023506
1	2023	1	5	8	481130	46	2	31	0	1	0	35.6	75.8	0.018056
1	2023	1	5	8	481130	46	2	21	0	1	0	35.6	75.8	0.012244
1	2023	1	5	8	481130	45	91	62	0	2	0	35.6	75.8	2.39E-05
1	2023	1	5	8	481130	45	90	62	0	2	0	35.6	75.8	0.001248
1	2023	1	5	8	481130	45	19	62	0	2	0	35.6	75.8	7.9E-06
1	2023	1	5	8	481130	45	19	61	0	2	0	35.6	75.8	1.46E-06
1	2023	1	5	8	481130	45	19	53	0	2	0	35.6	75.8	1.75E-07
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1	2023	1	5	8	481130	45	19	61	0	1	0	35.6	75.8	3.79E-05
1	2023	1	5	8	481130	45	19	53	0	1	0	35.6	75.8	2.2E-05
1	2023	1	5	8	481130	45	19	52	0	1	0	35.6	75.8	9.23E-05
1	2023	1	5	8	481130	45	19	31	0	1	0	35.6	75.8	0.000114
1	2023	1	5	8	481130	45	19	21	0	1	0	35.6	75.8	7.18E-05
1	2023	1	5	8	481130	45	18	61	0	1	0	35.6	75.8	3.43E-05
1	2023	1	5	8	481130	45	18	53	0	1	0	35.6	75.8	1.35E-05
1	2023	1	5	8	481130	45	18	52	0	1	0	35.6	75.8	6.36E-05
1	2023	1	5	8	481130	45	18	31	0	1	0	35.6	75.8	1.89E-05
1	2023	1	5	8	481130	45	18	21	0	1	0	35.6	75.8	5.83E-06
1	2023	1	5	8	481130	45	17	62	0	2	0	35.6	75.8	0.000292
1	2023	1	5	8	481130	45	16	62	0	2	0	35.6	75.8	3.96E-07
1	2023	1	5	8	481130	45	16	61	0	2	0	35.6	75.8	1.5E-06
1	2023	1	5	8	481130	45	16	53	0	2	0	35.6	75.8	1.71E-07
1	2023	1	5	8	481130	45	16	52	0	2	0	35.6	75.8	3.01E-06
1	2023	1	5	8	481130	45	16	31	0	2	0	35.6	75.8	9.23E-06
1	2023	1	5	8	481130	45	16	21	0	2	0	35.6	75.8	5.93E-06
1	2023	1	5	8	481130	45	16	61	0	1	0	35.6	75.8	9.53E-05
1	2023	1	5	8	481130	45	16	53	0	1	0	35.6	75.8	2.61E-05
1	2023	1	5	8	481130	45	16	52	0	1	0	35.6	75.8	0.000382
1	2023	1	5	8	481130	45	16	31	0	1	0	35.6	75.8	0.000293
1	2023	1	5	8	481130	45	16	21	0	1	0	35.6	75.8	0.000199
1	2023	1	5	8	481130	45	13	61	0	1	0	35.6	75.8	0.099822
1	2023	1	5	8	481130	45	13	53	0	1	0	35.6	75.8	0.02547
1	2023	1	5	8	481130	45	13	52	0	1	0	35.6	75.8	0.021346
1	2023	1	5	8	481130	45	13	31	0	1	0	35.6	75.8	0.011454
1	2023	1	5	8	481130	45	13	21	0	1	0	35.6	75.8	0.008348
1	2023	1	5	8	481130	45	11	61	0	1	0	35.6	75.8	0.013582
1	2023	1	5	8	481130	45	11	53	0	1	0	35.6	75.8	0.002774
1	2023	1	5	8	481130	45	11	52	0	1	0	35.6	75.8	0.002212
1	2023	1	5	8	481130	45	11	31	0	1	0	35.6	75.8	0.000992
1	2023	1	5	8	481130	45	11	21	0	1	0	35.6	75.8	0.000843
1	2023	1	5	8	481130	45	2	62	0	2	0	35.6	75.8	0.000381
1	2023	1	5	8	481130	45	2	61	0	2	0	35.6	75.8	0.002119
1	2023	1	5	8	481130	45	2	53	0	2	0	35.6	75.8	0.000195
1	2023	1	5	8	481130	45	2	52	0	2	0	35.6	75.8	0.002946
1	2023	1	5	8	481130	45	2	31	0	2	0	35.6	75.8	0.003547
1	2023	1	5	8	481130	45	2	21	0	2	0	35.6	75.8	0.003587
1	2023	1	5	8	481130	45	2	61	0	1	0	35.6	75.8	0.007219
1	2023	1	5	8	481130	45	2	53	0	1	0	35.6	75.8	0.001976
1	2023	1	5	8	481130	45	2	52	0	1	0	35.6	75.8	0.028924
1	2023	1	5	8	481130	45	2	31	0	1	0	35.6	75.8	0.02222
1	2023	1	5	8	481130	45	2	21	0	1	0	35.6	75.8	0.015066
1	2023	1	5	8	481130	43	91	62	0	2	0	35.6	75.8	2.59E-05
1	2023	1	5	8	481130	43	90	62	0	2	0	35.6	75.8	0.000408
1	2023	1	5	8	481130	43	17	62	0	2	0	35.6	75.8	5.19E-05
1	2023	1	5	8	481130	43	16	62	0	2	0	35.6	75.8	4.28E-07

1	2023	1	5	8	481130	43	16	61	0	2	0	35.6	75.8	1.62E-06
1	2023	1	5	8	481130	43	16	53	0	2	0	35.6	75.8	1.85E-07
1	2023	1	5	8	481130	43	16	52	0	2	0	35.6	75.8	3.25E-06
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1	2023	1	5	8	481130	43	16	21	0	2	0	35.6	75.8	1.65E-06
1	2023	1	5	8	481130	43	16	61	0	1	0	35.6	75.8	9.36E-07
1	2023	1	5	8	481130	43	16	53	0	1	0	35.6	75.8	2.04E-07
1	2023	1	5	8	481130	43	16	52	0	1	0	35.6	75.8	2.94E-06
1	2023	1	5	8	481130	43	16	31	0	1	0	35.6	75.8	2.38E-06
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1	2023	1	5	8	481130	43	2	62	0	2	0	35.6	75.8	6.89E-05
1	2023	1	5	8	481130	43	2	61	0	2	0	35.6	75.8	0.000368
1	2023	1	5	8	481130	43	2	53	0	2	0	35.6	75.8	3.48E-05
1	2023	1	5	8	481130	43	2	52	0	2	0	35.6	75.8	0.000533
1	2023	1	5	8	481130	43	2	31	0	2	0	35.6	75.8	0.000778
1	2023	1	5	8	481130	43	2	21	0	2	0	35.6	75.8	0.000666
1	2023	1	5	8	481130	43	2	61	0	1	0	35.6	75.8	7.09E-05
1	2023	1	5	8	481130	43	2	53	0	1	0	35.6	75.8	1.55E-05
1	2023	1	5	8	481130	43	2	52	0	1	0	35.6	75.8	0.000222
1	2023	1	5	8	481130	43	2	31	0	1	0	35.6	75.8	0.000181
1	2023	1	5	8	481130	43	2	21	0	1	0	35.6	75.8	0.000118
1	2023	1	5	8	481130	42	91	62	0	2	0	35.6	75.8	1.09E-05
1	2023	1	5	8	481130	42	90	62	0	2	0	35.6	75.8	0.000181
1	2023	1	5	8	481130	42	19	62	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	42	19	61	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	42	19	53	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	42	19	52	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	42	19	31	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	42	19	21	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	42	19	61	0	1	0	35.6	75.8	6.71E-06
1	2023	1	5	8	481130	42	19	53	0	1	0	35.6	75.8	3.89E-06
1	2023	1	5	8	481130	42	19	52	0	1	0	35.6	75.8	1.63E-05
1	2023	1	5	8	481130	42	19	31	0	1	0	35.6	75.8	2.02E-05
1	2023	1	5	8	481130	42	19	21	0	1	0	35.6	75.8	1.27E-05
1	2023	1	5	8	481130	42	18	61	0	1	0	35.6	75.8	6.07E-06
1	2023	1	5	8	481130	42	18	53	0	1	0	35.6	75.8	2.38E-06
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1	2023	1	5	8	481130	42	18	31	0	1	0	35.6	75.8	3.34E-06
1	2023	1	5	8	481130	42	18	21	0	1	0	35.6	75.8	1.03E-06
1	2023	1	5	8	481130	42	17	62	0	2	0	35.6	75.8	2.4E-05
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1	2023	1	5	8	481130	42	16	53	0	2	0	35.6	75.8	7.77E-08
1	2023	1	5	8	481130	42	16	52	0	2	0	35.6	75.8	1.37E-06
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1	2023	1	5	8	481130	42	16	52	0	1	0	35.6	75.8	0.000137
1	2023	1	5	8	481130	42	16	31	0	1	0	35.6	75.8	9.5E-05
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1	2023	1	5	8	481130	42	13	61	0	1	0	35.6	75.8	0.017658
1	2023	1	5	8	481130	42	13	53	0	1	0	35.6	75.8	0.004506
1	2023	1	5	8	481130	42	13	52	0	1	0	35.6	75.8	0.003776
1	2023	1	5	8	481130	42	13	31	0	1	0	35.6	75.8	0.002026
1	2023	1	5	8	481130	42	13	21	0	1	0	35.6	75.8	0.001477
1	2023	1	5	8	481130	42	11	61	0	1	0	35.6	75.8	0.008741
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1	2023	1	5	8	481130	42	11	31	0	1	0	35.6	75.8	0.000639
1	2023	1	5	8	481130	42	11	21	0	1	0	35.6	75.8	0.000542
1	2023	1	5	8	481130	42	2	62	0	2	0	35.6	75.8	2.61E-05
1	2023	1	5	8	481130	42	2	61	0	2	0	35.6	75.8	0.000132
1	2023	1	5	8	481130	42	2	53	0	2	0	35.6	75.8	1.25E-05
1	2023	1	5	8	481130	42	2	52	0	2	0	35.6	75.8	0.0002
1	2023	1	5	8	481130	42	2	31	0	2	0	35.6	75.8	0.000297
1	2023	1	5	8	481130	42	2	21	0	2	0	35.6	75.8	0.000243
1	2023	1	5	8	481130	42	2	61	0	1	0	35.6	75.8	0.00139
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1	2023	1	5	8	481130	42	2	52	0	1	0	35.6	75.8	0.010345
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1	2023	1	5	8	481130	42	2	21	0	1	0	35.6	75.8	0.00522
1	2023	1	5	8	481130	41	91	62	0	2	0	35.6	75.8	1.47E-05
1	2023	1	5	8	481130	41	90	62	0	2	0	35.6	75.8	0.000693
1	2023	1	5	8	481130	41	19	62	0	2	0	35.6	75.8	3.46E-06
1	2023	1	5	8	481130	41	19	61	0	2	0	35.6	75.8	6.39E-07
1	2023	1	5	8	481130	41	19	53	0	2	0	35.6	75.8	7.66E-08
1	2023	1	5	8	481130	41	19	52	0	2	0	35.6	75.8	3.99E-07
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1	2023	1	5	8	481130	41	19	53	0	1	0	35.6	75.8	2.64E-06
1	2023	1	5	8	481130	41	19	52	0	1	0	35.6	75.8	1.11E-05
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1	2023	1	5	8	481130	41	16	62	0	2	0	35.6	75.8	2.43E-07
1	2023	1	5	8	481130	41	16	61	0	2	0	35.6	75.8	9.17E-07
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1	2023	1	5	8	481130	41	16	31	0	2	0	35.6	75.8	5.54E-06
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1	2023	1	5	8	481130	41	16	53	0	1	0	35.6	75.8	5.82E-06
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1	2023	1	5	8	481130	41	16	31	0	1	0	35.6	75.8	6.54E-05
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1	2023	1	5	8	481130	41	13	53	0	1	0	35.6	75.8	0.003058
1	2023	1	5	8	481130	41	13	52	0	1	0	35.6	75.8	0.002563
1	2023	1	5	8	481130	41	13	31	0	1	0	35.6	75.8	0.001375
1	2023	1	5	8	481130	41	13	21	0	1	0	35.6	75.8	0.001002
1	2023	1	5	8	481130	41	11	61	0	1	0	35.6	75.8	0.000134
1	2023	1	5	8	481130	41	11	53	0	1	0	35.6	75.8	2.75E-05
1	2023	1	5	8	481130	41	11	52	0	1	0	35.6	75.8	2.19E-05
1	2023	1	5	8	481130	41	11	31	0	1	0	35.6	75.8	9.82E-06
1	2023	1	5	8	481130	41	11	21	0	1	0	35.6	75.8	8.34E-06
1	2023	1	5	8	481130	41	2	62	0	2	0	35.6	75.8	0.000224
1	2023	1	5	8	481130	41	2	61	0	2	0	35.6	75.8	0.001261
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1	2023	1	5	8	481130	41	2	31	0	2	0	35.6	75.8	0.002098
1	2023	1	5	8	481130	41	2	21	0	2	0	35.6	75.8	0.002127
1	2023	1	5	8	481130	41	2	61	0	1	0	35.6	75.8	0.001611
1	2023	1	5	8	481130	41	2	53	0	1	0	35.6	75.8	0.000441
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1	2023	1	5	8	481130	41	2	21	0	1	0	35.6	75.8	0.003362
1	2023	1	5	8	481130	40	91	62	0	2	0	35.6	75.8	1E-05
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1	2023	1	5	8	481130	40	19	62	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	40	19	61	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	40	19	53	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	40	19	52	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	40	19	31	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	40	19	21	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	40	19	61	0	1	0	35.6	75.8	8.87E-06
1	2023	1	5	8	481130	40	19	53	0	1	0	35.6	75.8	5.15E-06
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1	2023	1	5	8	481130	40	18	53	0	1	0	35.6	75.8	3.15E-06
1	2023	1	5	8	481130	40	18	52	0	1	0	35.6	75.8	1.49E-05
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1	2023	1	5	8	481130	40	18	21	0	1	0	35.6	75.8	1.36E-06
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1	2023	1	5	8	481130	40	16	61	0	1	0	35.6	75.8	2.02E-05
1	2023	1	5	8	481130	40	16	53	0	1	0	35.6	75.8	4.57E-06
1	2023	1	5	8	481130	40	16	52	0	1	0	35.6	75.8	6.6E-05
1	2023	1	5	8	481130	40	16	31	0	1	0	35.6	75.8	5.3E-05
1	2023	1	5	8	481130	40	16	21	0	1	0	35.6	75.8	3.49E-05
1	2023	1	5	8	481130	40	13	61	0	1	0	35.6	75.8	0.023354
1	2023	1	5	8	481130	40	13	53	0	1	0	35.6	75.8	0.005959
1	2023	1	5	8	481130	40	13	52	0	1	0	35.6	75.8	0.004994
1	2023	1	5	8	481130	40	13	31	0	1	0	35.6	75.8	0.00268
1	2023	1	5	8	481130	40	13	21	0	1	0	35.6	75.8	0.001953
1	2023	1	5	8	481130	40	11	61	0	1	0	35.6	75.8	0.003227
1	2023	1	5	8	481130	40	11	53	0	1	0	35.6	75.8	0.000659
1	2023	1	5	8	481130	40	11	52	0	1	0	35.6	75.8	0.000526
1	2023	1	5	8	481130	40	11	31	0	1	0	35.6	75.8	0.000236
1	2023	1	5	8	481130	40	11	21	0	1	0	35.6	75.8	0.0002
1	2023	1	5	8	481130	40	2	62	0	2	0	35.6	75.8	9.58E-05
1	2023	1	5	8	481130	40	2	61	0	2	0	35.6	75.8	0.000529
1	2023	1	5	8	481130	40	2	53	0	2	0	35.6	75.8	4.89E-05
1	2023	1	5	8	481130	40	2	52	0	2	0	35.6	75.8	0.000741
1	2023	1	5	8	481130	40	2	31	0	2	0	35.6	75.8	0.000917
1	2023	1	5	8	481130	40	2	21	0	2	0	35.6	75.8	0.000903
1	2023	1	5	8	481130	40	2	61	0	1	0	35.6	75.8	0.001528
1	2023	1	5	8	481130	40	2	53	0	1	0	35.6	75.8	0.000346
1	2023	1	5	8	481130	40	2	52	0	1	0	35.6	75.8	0.004998
1	2023	1	5	8	481130	40	2	31	0	1	0	35.6	75.8	0.004016
1	2023	1	5	8	481130	40	2	21	0	1	0	35.6	75.8	0.002643

1	2023	1	5	8	481130	31	91	62	0	2	0	35.6	75.8	4.67E-05
1	2023	1	5	8	481130	31	90	62	0	2	0	35.6	75.8	0.000605
1	2023	1	5	8	481130	31	2	62	0	2	0	35.6	75.8	3.03E-05
1	2023	1	5	8	481130	31	2	61	0	2	0	35.6	75.8	6.47E-05
1	2023	1	5	8	481130	31	2	53	0	2	0	35.6	75.8	7.27E-06
1	2023	1	5	8	481130	31	2	52	0	2	0	35.6	75.8	0.00011
1	2023	1	5	8	481130	31	2	31	0	2	0	35.6	75.8	0.000217
1	2023	1	5	8	481130	31	2	21	0	2	0	35.6	75.8	0.000121
1	2023	1	5	8	481130	31	2	61	0	1	0	35.6	75.8	2.04E-05
1	2023	1	5	8	481130	31	2	53	0	1	0	35.6	75.8	1.85E-05
1	2023	1	5	8	481130	31	2	52	0	1	0	35.6	75.8	0.000278
1	2023	1	5	8	481130	31	2	31	0	1	0	35.6	75.8	0.000517
1	2023	1	5	8	481130	31	2	21	0	1	0	35.6	75.8	0.000325
1	2023	1	5	8	481130	27	91	62	0	2	0	35.6	75.8	3.66E-05
1	2023	1	5	8	481130	27	90	62	0	2	0	35.6	75.8	0.000587
1	2023	1	5	8	481130	27	17	62	0	2	0	35.6	75.8	7.56E-05
1	2023	1	5	8	481130	27	16	62	0	2	0	35.6	75.8	6.06E-07
1	2023	1	5	8	481130	27	16	61	0	2	0	35.6	75.8	2.29E-06
1	2023	1	5	8	481130	27	16	53	0	2	0	35.6	75.8	2.61E-07
1	2023	1	5	8	481130	27	16	52	0	2	0	35.6	75.8	4.6E-06
1	2023	1	5	8	481130	27	16	31	0	2	0	35.6	75.8	7.63E-06
1	2023	1	5	8	481130	27	16	21	0	2	0	35.6	75.8	2.25E-06
1	2023	1	5	8	481130	27	16	61	0	1	0	35.6	75.8	7.45E-07
1	2023	1	5	8	481130	27	16	53	0	1	0	35.6	75.8	2.82E-07
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1	2023	1	5	8	481130	27	16	31	0	1	0	35.6	75.8	3.08E-06
1	2023	1	5	8	481130	27	16	21	0	1	0	35.6	75.8	2.16E-06
1	2023	1	5	8	481130	27	2	62	0	2	0	35.6	75.8	9.24E-05
1	2023	1	5	8	481130	27	2	61	0	2	0	35.6	75.8	0.000483
1	2023	1	5	8	481130	27	2	53	0	2	0	35.6	75.8	4.56E-05
1	2023	1	5	8	481130	27	2	52	0	2	0	35.6	75.8	0.000711
1	2023	1	5	8	481130	27	2	31	0	2	0	35.6	75.8	0.001049
1	2023	1	5	8	481130	27	2	21	0	2	0	35.6	75.8	0.000875
1	2023	1	5	8	481130	27	2	61	0	1	0	35.6	75.8	5.65E-05
1	2023	1	5	8	481130	27	2	53	0	1	0	35.6	75.8	2.14E-05
1	2023	1	5	8	481130	27	2	52	0	1	0	35.6	75.8	0.00032
1	2023	1	5	8	481130	27	2	31	0	1	0	35.6	75.8	0.000233
1	2023	1	5	8	481130	27	2	21	0	1	0	35.6	75.8	0.000164
1	2023	1	5	8	481130	26	91	62	0	2	0	35.6	75.8	0.000197
1	2023	1	5	8	481130	26	90	62	0	2	0	35.6	75.8	0.004262
1	2023	1	5	8	481130	26	17	62	0	2	0	35.6	75.8	0.00072
1	2023	1	5	8	481130	26	16	62	0	2	0	35.6	75.8	3.25E-06
1	2023	1	5	8	481130	26	16	61	0	2	0	35.6	75.8	1.23E-05
1	2023	1	5	8	481130	26	16	53	0	2	0	35.6	75.8	1.4E-06
1	2023	1	5	8	481130	26	16	52	0	2	0	35.6	75.8	2.47E-05
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1	2023	1	5	8	481130	26	16	21	0	2	0	35.6	75.8	1.82E-05
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1	2023	1	5	8	481130	26	16	52	0	1	0	35.6	75.8	9.6E-05
1	2023	1	5	8	481130	26	16	31	0	1	0	35.6	75.8	6.96E-05
1	2023	1	5	8	481130	26	16	21	0	1	0	35.6	75.8	4.9E-05
1	2023	1	5	8	481130	26	2	62	0	2	0	35.6	75.8	0.000932
1	2023	1	5	8	481130	26	2	61	0	2	0	35.6	75.8	0.00507
1	2023	1	5	8	481130	26	2	53	0	2	0	35.6	75.8	0.000473
1	2023	1	5	8	481130	26	2	52	0	2	0	35.6	75.8	0.007201
1	2023	1	5	8	481130	26	2	31	0	2	0	35.6	75.8	0.009541
1	2023	1	5	8	481130	26	2	21	0	2	0	35.6	75.8	0.00883
1	2023	1	5	8	481130	26	2	61	0	1	0	35.6	75.8	0.001231
1	2023	1	5	8	481130	26	2	53	0	1	0	35.6	75.8	0.000485
1	2023	1	5	8	481130	26	2	52	0	1	0	35.6	75.8	0.007276
1	2023	1	5	8	481130	26	2	31	0	1	0	35.6	75.8	0.005272
1	2023	1	5	8	481130	26	2	21	0	1	0	35.6	75.8	0.003716
1	2023	1	5	8	481130	25	91	62	0	2	0	35.6	75.8	0.000433
1	2023	1	5	8	481130	25	90	62	0	2	0	35.6	75.8	0.006785
1	2023	1	5	8	481130	25	17	62	0	2	0	35.6	75.8	0.00084
1	2023	1	5	8	481130	25	16	62	0	2	0	35.6	75.8	7.16E-06
1	2023	1	5	8	481130	25	16	61	0	2	0	35.6	75.8	2.7E-05
1	2023	1	5	8	481130	25	16	53	0	2	0	35.6	75.8	3.09E-06
1	2023	1	5	8	481130	25	16	52	0	2	0	35.6	75.8	5.44E-05
1	2023	1	5	8	481130	25	16	31	0	2	0	35.6	75.8	8.7E-05
1	2023	1	5	8	481130	25	16	21	0	2	0	35.6	75.8	2.31E-05
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1	2023	1	5	8	481130	25	16	53	0	1	0	35.6	75.8	2.86E-06
1	2023	1	5	8	481130	25	16	52	0	1	0	35.6	75.8	4.07E-05
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1	2023	1	5	8	481130	25	16	21	0	1	0	35.6	75.8	2.15E-05
1	2023	1	5	8	481130	25	2	62	0	2	0	35.6	75.8	0.000867
1	2023	1	5	8	481130	25	2	61	0	2	0	35.6	75.8	0.004258
1	2023	1	5	8	481130	25	2	53	0	2	0	35.6	75.8	0.000405
1	2023	1	5	8	481130	25	2	52	0	2	0	35.6	75.8	0.006607
1	2023	1	5	8	481130	25	2	31	0	2	0	35.6	75.8	0.01027
1	2023	1	5	8	481130	25	2	21	0	2	0	35.6	75.8	0.008024
1	2023	1	5	8	481130	25	2	61	0	1	0	35.6	75.8	0.001013
1	2023	1	5	8	481130	25	2	53	0	1	0	35.6	75.8	0.000217
1	2023	1	5	8	481130	25	2	52	0	1	0	35.6	75.8	0.003082
1	2023	1	5	8	481130	25	2	31	0	1	0	35.6	75.8	0.002477

1	2023	1	5	8	481130	25	2	21	0	1	0	35.6	75.8	0.001632
1	2023	1	5	8	481130	24	91	62	0	2	0	35.6	75.8	1.61E-05
1	2023	1	5	8	481130	24	90	62	0	2	0	35.6	75.8	0.000165
1	2023	1	5	8	481130	24	17	62	0	2	0	35.6	75.8	7.17E-06
1	2023	1	5	8	481130	24	16	62	0	2	0	35.6	75.8	2.67E-07
1	2023	1	5	8	481130	24	16	61	0	2	0	35.6	75.8	1.01E-06
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1	2023	1	5	8	481130	24	16	52	0	2	0	35.6	75.8	2.03E-06
1	2023	1	5	8	481130	24	16	31	0	2	0	35.6	75.8	2.93E-06
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1	2023	1	5	8	481130	24	16	61	0	1	0	35.6	75.8	6.86E-06
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1	2023	1	5	8	481130	24	2	31	0	2	0	35.6	75.8	0.00017
1	2023	1	5	8	481130	24	2	21	0	2	0	35.6	75.8	7.84E-05
1	2023	1	5	8	481130	24	2	61	0	1	0	35.6	75.8	0.000519
1	2023	1	5	8	481130	24	2	53	0	1	0	35.6	75.8	0.000232
1	2023	1	5	8	481130	24	2	52	0	1	0	35.6	75.8	0.003516
1	2023	1	5	8	481130	24	2	31	0	1	0	35.6	75.8	0.00251
1	2023	1	5	8	481130	24	2	21	0	1	0	35.6	75.8	0.001787
1	2023	1	5	8	481130	20	91	62	0	2	0	35.6	75.8	4.33E-05
1	2023	1	5	8	481130	20	90	62	0	2	0	35.6	75.8	0.000506
1	2023	1	5	8	481130	20	19	62	0	2	0	35.6	75.8	0
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1	2023	1	5	8	481130	20	19	52	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	20	19	31	0	2	0	35.6	75.8	0
1	2023	1	5	8	481130	20	19	21	0	2	0	35.6	75.8	0
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1	2023	1	5	8	481130	20	19	53	0	1	0	35.6	75.8	2.57E-07
1	2023	1	5	8	481130	20	19	52	0	1	0	35.6	75.8	1.08E-06
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1	2023	1	5	8	481130	20	19	21	0	1	0	35.6	75.8	8.38E-07
1	2023	1	5	8	481130	20	18	61	0	1	0	35.6	75.8	4E-07
1	2023	1	5	8	481130	20	18	53	0	1	0	35.6	75.8	1.57E-07
1	2023	1	5	8	481130	20	18	52	0	1	0	35.6	75.8	7.43E-07
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1	2023	1	5	8	481130	20	17	62	0	2	0	35.6	75.8	3.59E-05
1	2023	1	5	8	481130	20	16	62	0	2	0	35.6	75.8	7.17E-07
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1	2023	1	5	8	481130	20	16	53	0	2	0	35.6	75.8	3.09E-07
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1	2023	1	5	8	481130	20	16	31	0	2	0	35.6	75.8	7.97E-06
1	2023	1	5	8	481130	20	16	21	0	2	0	35.6	75.8	1.53E-06
1	2023	1	5	8	481130	20	16	61	0	1	0	35.6	75.8	3.42E-05
1	2023	1	5	8	481130	20	16	53	0	1	0	35.6	75.8	1.41E-05
1	2023	1	5	8	481130	20	16	52	0	1	0	35.6	75.8	0.000212
1	2023	1	5	8	481130	20	16	31	0	1	0	35.6	75.8	0.000153
1	2023	1	5	8	481130	20	16	21	0	1	0	35.6	75.8	0.000108
1	2023	1	5	8	481130	20	13	61	0	1	0	35.6	75.8	0.001165
1	2023	1	5	8	481130	20	13	53	0	1	0	35.6	75.8	0.000297
1	2023	1	5	8	481130	20	13	52	0	1	0	35.6	75.8	0.000249
1	2023	1	5	8	481130	20	13	31	0	1	0	35.6	75.8	0.000134
1	2023	1	5	8	481130	20	13	21	0	1	0	35.6	75.8	9.74E-05
1	2023	1	5	8	481130	20	11	61	0	1	0	35.6	75.8	0.000339
1	2023	1	5	8	481130	20	11	53	0	1	0	35.6	75.8	6.92E-05
1	2023	1	5	8	481130	20	11	52	0	1	0	35.6	75.8	5.51E-05
1	2023	1	5	8	481130	20	11	31	0	1	0	35.6	75.8	2.47E-05
1	2023	1	5	8	481130	20	11	21	0	1	0	35.6	75.8	2.1E-05
1	2023	1	5	8	481130	20	2	62	0	2	0	35.6	75.8	2.94E-05
1	2023	1	5	8	481130	20	2	61	0	2	0	35.6	75.8	0.000111
1	2023	1	5	8	481130	20	2	53	0	2	0	35.6	75.8	1.16E-05
1	2023	1	5	8	481130	20	2	52	0	2	0	35.6	75.8	0.000219
1	2023	1	5	8	481130	20	2	31	0	2	0	35.6	75.8	0.000521
1	2023	1	5	8	481130	20	2	21	0	2	0	35.6	75.8	0.000272
1	2023	1	5	8	481130	20	2	61	0	1	0	35.6	75.8	0.00259
1	2023	1	5	8	481130	20	2	53	0	1	0	35.6	75.8	0.001065
1	2023	1	5	8	481130	20	2	52	0	1	0	35.6	75.8	0.01603
1	2023	1	5	8	481130	20	2	31	0	1	0	35.6	75.8	0.011554
1	2023	1	5	8	481130	20	2	21	0	1	0	35.6	75.8	0.008171
1	2023	1	5	8	481130	6	2	62	0	2	0	35.6	75.8	0.000128
1	2023	1	5	8	481130	6	2	61	0	2	0	35.6	75.8	0.001311
1	2023	1	5	8	481130	6	2	53	0	2	0	35.6	75.8	0.000115
1	2023	1	5	8	481130	6	2	52	0	2	0	35.6	75.8	0.001741
1	2023	1	5	8	481130	6	2	31	0	2	0	35.6	75.8	0.000935
1	2023	1	5	8	481130	6	2	21	0	2	0	35.6	75.8	0.000186
1	2023	1	5	8	481130	6	2	61	0	1	0	35.6	75.8	0.005507
1	2023	1	5	8	481130	6	2	53	0	1	0	35.6	75.8	0.00148
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1	2023	1	5	8	481130	5	90	62	0	2	0	35.6	75.8	0.019829
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1	2023	1	5	8	481130	5	16	53	0	2	0	35.6	75.8	0
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1	2023	1	5	8	481130	5	16	53	0	1	0	35.6	75.8	5.77E-05
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1	2023	1	5	8	481130	5	16	31	0	1	0	35.6	75.8	0.000482
1	2023	1	5	8	481130	5	16	21	0	1	0	35.6	75.8	0.000318
1	2023	1	5	8	481130	5	2	62	0	2	0	35.6	75.8	0.012067
1	2023	1	5	8	481130	5	2	61	0	2	0	35.6	75.8	0.067485
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1	2023	1	5	8	481130	5	2	52	0	2	0	35.6	75.8	0.099839
1	2023	1	5	8	481130	5	2	31	0	2	0	35.6	75.8	0.115047
1	2023	1	5	8	481130	5	2	21	0	2	0	35.6	75.8	0.12112
1	2023	1	5	8	481130	5	2	61	0	1	0	35.6	75.8	0.014239
1	2023	1	5	8	481130	5	2	53	0	1	0	35.6	75.8	0.004372
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1	2023	1	5	8	481130	5	2	31	0	1	0	35.6	75.8	0.036486
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1	2023	1	5	8	481130	3	91	62	0	2	0	35.6	75.8	0.07558
1	2023	1	5	8	481130	3	90	62	0	2	0	35.6	75.8	1.55949
1	2023	1	5	8	481130	3	17	62	0	2	0	35.6	75.8	0.013554
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1	2023	1	5	8	481130	3	16	53	0	2	0	35.6	75.8	6.24E-07
1	2023	1	5	8	481130	3	16	52	0	2	0	35.6	75.8	1.07E-05
1	2023	1	5	8	481130	3	16	31	0	2	0	35.6	75.8	3.96E-05
1	2023	1	5	8	481130	3	16	21	0	2	0	35.6	75.8	3.11E-06
1	2023	1	5	8	481130	3	16	61	0	1	0	35.6	75.8	2.62E-06
1	2023	1	5	8	481130	3	16	53	0	1	0	35.6	75.8	7.89E-07
1	2023	1	5	8	481130	3	16	52	0	1	0	35.6	75.8	1.18E-05
1	2023	1	5	8	481130	3	16	31	0	1	0	35.6	75.8	4.91E-06
1	2023	1	5	8	481130	3	16	21	0	1	0	35.6	75.8	2.63E-06
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1	2023	1	5	8	481130	3	2	61	0	2	0	35.6	75.8	0.243045
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1	2023	1	5	8	481130	3	2	52	0	2	0	35.6	75.8	0.417823
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1	2023	1	5	8	481130	3	2	21	0	2	0	35.6	75.8	0.040574
1	2023	1	5	8	481130	3	2	61	0	1	0	35.6	75.8	0.065422
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1	2023	1	5	8	481130	3	2	21	0	1	0	35.6	75.8	0.065711
1	2023	1	5	8	481130	2	91	62	0	2	0	35.6	75.8	0.036232
1	2023	1	5	8	481130	2	90	62	0	2	0	35.6	75.8	1.00099
1	2023	1	5	8	481130	2	17	62	0	2	0	35.6	75.8	0.011926
1	2023	1	5	8	481130	2	16	62	0	2	0	35.6	75.8	0.053277
1	2023	1	5	8	481130	2	16	61	0	2	0	35.6	75.8	0.107701
1	2023	1	5	8	481130	2	16	53	0	2	0	35.6	75.8	0.004113
1	2023	1	5	8	481130	2	16	52	0	2	0	35.6	75.8	0.060572
1	2023	1	5	8	481130	2	16	31	0	2	0	35.6	75.8	0.001978
1	2023	1	5	8	481130	2	16	21	0	2	0	35.6	75.8	0.00079
1	2023	1	5	8	481130	2	16	61	0	1	0	35.6	75.8	0.001348
1	2023	1	5	8	481130	2	16	53	0	1	0	35.6	75.8	0.00023
1	2023	1	5	8	481130	2	16	52	0	1	0	35.6	75.8	0.003564
1	2023	1	5	8	481130	2	16	31	0	1	0	35.6	75.8	0.002012
1	2023	1	5	8	481130	2	16	21	0	1	0	35.6	75.8	0.001348
1	2023	1	5	8	481130	2	2	62	0	2	0	35.6	75.8	0.12338
1	2023	1	5	8	481130	2	2	61	0	2	0	35.6	75.8	0.248692
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1	2023	1	5	8	481130	2	2	31	0	2	0	35.6	75.8	0.594235
1	2023	1	5	8	481130	2	2	21	0	2	0	35.6	75.8	1.00439
1	2023	1	5	8	481130	2	2	61	0	1	0	35.6	75.8	2.59144
1	2023	1	5	8	481130	2	2	53	0	1	0	35.6	75.8	0.441708
1	2023	1	5	8	481130	2	2	52	0	1	0	35.6	75.8	6.85438
1	2023	1	5	8	481130	2	2	31	0	1	0	35.6	75.8	3.86849
1	2023	1	5	8	481130	2	2	21	0	1	0	35.6	75.8	2.59144

MOVESRu				pollutantI			sourceTyp			fuelTypeI		modelYea	temperatu	relHumidit	ratePerVe
nID	yearID	monthID	dayID	hourID	zoneID	D	processID	eID	regClassID	SCC	D	rID	re	y	hicle
1	2024	1	5	8	481130	185	91	62	0		2	0	35.6	75.8	5.41E-05
1	2024	1	5	8	481130	185	90	62	0		2	0	35.6	75.8	0.000513
1	2024	1	5	8	481130	185	19	62	0		2	0	35.6	75.8	1.58E-06
1	2024	1	5	8	481130	185	19	61	0		2	0	35.6	75.8	2.96E-07
1	2024	1	5	8	481130	185	19	53	0		2	0	35.6	75.8	3.44E-08
1	2024	1	5	8	481130	185	19	52	0		2	0	35.6	75.8	1.84E-07
1	2024	1	5	8	481130	185	19	31	0		2	0	35.6	75.8	2.49E-07
1	2024	1	5	8	481130	185	19	21	0		2	0	35.6	75.8	1.42E-07
1	2024	1	5	8	481130	185	17	62	0		2	0	35.6	75.8	4.38E-05
1	2024	1	5	8	481130	185	16	62	0		2	0	35.6	75.8	6.73E-07
1	2024	1	5	8	481130	185	16	61	0		2	0	35.6	75.8	2.53E-06
1	2024	1	5	8	481130	185	16	53	0		2	0	35.6	75.8	3.2E-07
1	2024	1	5	8	481130	185	16	52	0		2	0	35.6	75.8	5.15E-06
1	2024	1	5	8	481130	185	16	31	0		2	0	35.6	75.8	6.25E-06
1	2024	1	5	8	481130	185	16	21	0		2	0	35.6	75.8	1.34E-06
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1	2024	1	5	8	481130	185	16	53	0		1	0	35.6	75.8	7.02E-07
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1	2024	1	5	8	481130	185	2	61	0		2	0	35.6	75.8	0.000169
1	2024	1	5	8	481130	185	2	53	0		2	0	35.6	75.8	1.74E-05
1	2024	1	5	8	481130	185	2	52	0		2	0	35.6	75.8	0.000299
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1	2024	1	5	8	481130	185	2	21	0		2	0	35.6	75.8	0.000354
1	2024	1	5	8	481130	185	2	61	0		1	0	35.6	75.8	0.000187
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1	2024	1	5	8	481130	185	2	31	0		1	0	35.6	75.8	0.00056
1	2024	1	5	8	481130	185	2	21	0		1	0	35.6	75.8	0.000388
1	2024	1	5	8	481130	184	91	62	0		2	0	35.6	75.8	2.55E-06
1	2024	1	5	8	481130	184	90	62	0		2	0	35.6	75.8	1.96E-05
1	2024	1	5	8	481130	184	17	62	0		2	0	35.6	75.8	8.21E-07
1	2024	1	5	8	481130	184	16	62	0		2	0	35.6	75.8	3.18E-08
1	2024	1	5	8	481130	184	16	61	0		2	0	35.6	75.8	1.19E-07
1	2024	1	5	8	481130	184	16	53	0		2	0	35.6	75.8	1.51E-08
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1	2024	1	5	8	481130	184	16	31	0		2	0	35.6	75.8	2.84E-07
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1	2024	1	5	8	481130	184	2	53	0		2	0	35.6	75.8	4.62E-07
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1	2024	1	5	8	481130	184	2	31	0		1	0	35.6	75.8	1.73E-05
1	2024	1	5	8	481130	184	2	21	0		1	0	35.6	75.8	1.2E-05
1	2024	1	5	8	481130	183	91	62	0		2	0	35.6	75.8	4.23E-06
1	2024	1	5	8	481130	183	90	62	0		2	0	35.6	75.8	4.03E-05
1	2024	1	5	8	481130	183	17	62	0		2	0	35.6	75.8	3.51E-06
1	2024	1	5	8	481130	183	16	62	0		2	0	35.6	75.8	5.27E-08
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1	2024	1	5	8	481130	183	2	21	0		2	0	35.6	75.8	3.49E-05
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1	2024	1	5	8	481130	181	91	62	0	2	0	35.6	75.8	2.9E-06
1	2024	1	5	8	481130	181	90	62	0	2	0	35.6	75.8	2.43E-05
1	2024	1	5	8	481130	181	17	62	0	2	0	35.6	75.8	1.49E-06
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1	2024	1	5	8	481130	181	16	53	0	1	0	35.6	75.8	2.74E-08
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1	2024	1	5	8	481130	181	2	21	0	2	0	35.6	75.8	1.62E-05
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1	2024	1	5	8	481130	181	2	31	0	1	0	35.6	75.8	2.19E-05
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1	2024	1	5	8	481130	172	91	62	0	2	0	35.6	75.8	1.4E-06
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1	2024	1	5	8	481130	172	17	62	0	2	0	35.6	75.8	5.13E-07
1	2024	1	5	8	481130	172	16	62	0	2	0	35.6	75.8	1.75E-08
1	2024	1	5	8	481130	172	16	61	0	2	0	35.6	75.8	6.56E-08
1	2024	1	5	8	481130	172	16	53	0	2	0	35.6	75.8	8.3E-09
1	2024	1	5	8	481130	172	16	52	0	2	0	35.6	75.8	1.34E-07
1	2024	1	5	8	481130	172	16	31	0	2	0	35.6	75.8	1.57E-07
1	2024	1	5	8	481130	172	16	21	0	2	0	35.6	75.8	2.98E-08
1	2024	1	5	8	481130	172	16	61	0	1	0	35.6	75.8	3.98E-08
1	2024	1	5	8	481130	172	16	53	0	1	0	35.6	75.8	1.14E-08
1	2024	1	5	8	481130	172	16	52	0	1	0	35.6	75.8	1.65E-07
1	2024	1	5	8	481130	172	16	31	0	1	0	35.6	75.8	1.2E-07
1	2024	1	5	8	481130	172	16	21	0	1	0	35.6	75.8	8.28E-08
1	2024	1	5	8	481130	172	2	62	0	2	0	35.6	75.8	6.17E-07
1	2024	1	5	8	481130	172	2	61	0	2	0	35.6	75.8	2.56E-06
1	2024	1	5	8	481130	172	2	53	0	2	0	35.6	75.8	2.95E-07
1	2024	1	5	8	481130	172	2	52	0	2	0	35.6	75.8	4.72E-06
1	2024	1	5	8	481130	172	2	31	0	2	0	35.6	75.8	1.12E-05
1	2024	1	5	8	481130	172	2	21	0	2	0	35.6	75.8	5.81E-06
1	2024	1	5	8	481130	172	2	61	0	1	0	35.6	75.8	3.02E-06
1	2024	1	5	8	481130	172	2	53	0	1	0	35.6	75.8	8.6E-07
1	2024	1	5	8	481130	172	2	52	0	1	0	35.6	75.8	1.25E-05
1	2024	1	5	8	481130	172	2	31	0	1	0	35.6	75.8	9.05E-06
1	2024	1	5	8	481130	172	2	21	0	1	0	35.6	75.8	6.27E-06
1	2024	1	5	8	481130	171	91	62	0	2	0	35.6	75.8	2.99E-06
1	2024	1	5	8	481130	171	90	62	0	2	0	35.6	75.8	2.36E-05
1	2024	1	5	8	481130	171	17	62	0	2	0	35.6	75.8	1.13E-06
1	2024	1	5	8	481130	171	16	62	0	2	0	35.6	75.8	3.72E-08
1	2024	1	5	8	481130	171	16	61	0	2	0	35.6	75.8	1.4E-07
1	2024	1	5	8	481130	171	16	53	0	2	0	35.6	75.8	1.77E-08
1	2024	1	5	8	481130	171	16	52	0	2	0	35.6	75.8	2.85E-07
1	2024	1	5	8	481130	171	16	31	0	2	0	35.6	75.8	3.36E-07
1	2024	1	5	8	481130	171	16	21	0	2	0	35.6	75.8	6.4E-08
1	2024	1	5	8	481130	171	16	61	0	1	0	35.6	75.8	2.15E-07
1	2024	1	5	8	481130	171	16	53	0	1	0	35.6	75.8	6.14E-08
1	2024	1	5	8	481130	171	16	52	0	1	0	35.6	75.8	8.95E-07
1	2024	1	5	8	481130	171	16	31	0	1	0	35.6	75.8	6.47E-07
1	2024	1	5	8	481130	171	16	21	0	1	0	35.6	75.8	4.48E-07
1	2024	1	5	8	481130	171	2	62	0	2	0	35.6	75.8	1.35E-06
1	2024	1	5	8	481130	171	2	61	0	2	0	35.6	75.8	5.62E-06
1	2024	1	5	8	481130	171	2	53	0	2	0	35.6	75.8	6.43E-07
1	2024	1	5	8	481130	171	2	52	0	2	0	35.6	75.8	1.03E-05
1	2024	1	5	8	481130	171	2	31	0	2	0	35.6	75.8	2.42E-05
1	2024	1	5	8	481130	171	2	21	0	2	0	35.6	75.8	1.27E-05
1	2024	1	5	8	481130	171	2	61	0	1	0	35.6	75.8	1.63E-05
1	2024	1	5	8	481130	171	2	53	0	1	0	35.6	75.8	4.65E-06
1	2024	1	5	8	481130	171	2	52	0	1	0	35.6	75.8	6.78E-05
1	2024	1	5	8	481130	171	2	31	0	1	0	35.6	75.8	4.9E-05
1	2024	1	5	8	481130	171	2	21	0	1	0	35.6	75.8	3.39E-05
1	2024	1	5	8	481130	170	91	62	0	2	0	35.6	75.8	1.78E-06

1	2024	1	5	8	481130	170	90	62	0	2	0	35.6	75.8	1.43E-05
1	2024	1	5	8	481130	170	17	62	0	2	0	35.6	75.8	7.62E-07
1	2024	1	5	8	481130	170	16	62	0	2	0	35.6	75.8	2.21E-08
1	2024	1	5	8	481130	170	16	61	0	2	0	35.6	75.8	8.32E-08
1	2024	1	5	8	481130	170	16	53	0	2	0	35.6	75.8	1.05E-08
1	2024	1	5	8	481130	170	16	52	0	2	0	35.6	75.8	1.69E-07
1	2024	1	5	8	481130	170	16	31	0	2	0	35.6	75.8	2.01E-07
1	2024	1	5	8	481130	170	16	21	0	2	0	35.6	75.8	3.98E-08
1	2024	1	5	8	481130	170	16	61	0	1	0	35.6	75.8	4.75E-08
1	2024	1	5	8	481130	170	16	53	0	1	0	35.6	75.8	1.35E-08
1	2024	1	5	8	481130	170	16	52	0	1	0	35.6	75.8	1.97E-07
1	2024	1	5	8	481130	170	16	31	0	1	0	35.6	75.8	1.42E-07
1	2024	1	5	8	481130	170	16	21	0	1	0	35.6	75.8	9.87E-08
1	2024	1	5	8	481130	170	2	62	0	2	0	35.6	75.8	9.35E-07
1	2024	1	5	8	481130	170	2	61	0	2	0	35.6	75.8	4.09E-06
1	2024	1	5	8	481130	170	2	53	0	2	0	35.6	75.8	4.5E-07
1	2024	1	5	8	481130	170	2	52	0	2	0	35.6	75.8	7.15E-06
1	2024	1	5	8	481130	170	2	31	0	2	0	35.6	75.8	1.56E-05
1	2024	1	5	8	481130	170	2	21	0	2	0	35.6	75.8	8.76E-06
1	2024	1	5	8	481130	170	2	61	0	1	0	35.6	75.8	3.6E-06
1	2024	1	5	8	481130	170	2	53	0	1	0	35.6	75.8	1.02E-06
1	2024	1	5	8	481130	170	2	52	0	1	0	35.6	75.8	1.49E-05
1	2024	1	5	8	481130	170	2	31	0	1	0	35.6	75.8	1.08E-05
1	2024	1	5	8	481130	170	2	21	0	1	0	35.6	75.8	7.48E-06
1	2024	1	5	8	481130	169	91	62	0	2	0	35.6	75.8	2.12E-06
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1	2024	1	5	8	481130	169	17	62	0	2	0	35.6	75.8	7.33E-07
1	2024	1	5	8	481130	169	16	62	0	2	0	35.6	75.8	2.64E-08
1	2024	1	5	8	481130	169	16	61	0	2	0	35.6	75.8	9.93E-08
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1	2024	1	5	8	481130	169	16	52	0	2	0	35.6	75.8	2.02E-07
1	2024	1	5	8	481130	169	16	31	0	2	0	35.6	75.8	2.37E-07
1	2024	1	5	8	481130	169	16	21	0	2	0	35.6	75.8	4.42E-08
1	2024	1	5	8	481130	169	16	61	0	1	0	35.6	75.8	6.66E-08
1	2024	1	5	8	481130	169	16	53	0	1	0	35.6	75.8	1.9E-08
1	2024	1	5	8	481130	169	16	52	0	1	0	35.6	75.8	2.77E-07
1	2024	1	5	8	481130	169	16	31	0	1	0	35.6	75.8	2E-07
1	2024	1	5	8	481130	169	16	21	0	1	0	35.6	75.8	1.38E-07
1	2024	1	5	8	481130	169	2	62	0	2	0	35.6	75.8	8.68E-07
1	2024	1	5	8	481130	169	2	61	0	2	0	35.6	75.8	3.49E-06
1	2024	1	5	8	481130	169	2	53	0	2	0	35.6	75.8	4.12E-07
1	2024	1	5	8	481130	169	2	52	0	2	0	35.6	75.8	6.63E-06
1	2024	1	5	8	481130	169	2	31	0	2	0	35.6	75.8	1.64E-05
1	2024	1	5	8	481130	169	2	21	0	2	0	35.6	75.8	8.17E-06
1	2024	1	5	8	481130	169	2	61	0	1	0	35.6	75.8	5.05E-06
1	2024	1	5	8	481130	169	2	53	0	1	0	35.6	75.8	1.44E-06
1	2024	1	5	8	481130	169	2	52	0	1	0	35.6	75.8	2.1E-05
1	2024	1	5	8	481130	169	2	31	0	1	0	35.6	75.8	1.51E-05
1	2024	1	5	8	481130	169	2	21	0	1	0	35.6	75.8	1.05E-05
1	2024	1	5	8	481130	110	91	62	0	2	0	35.6	75.8	0.002027
1	2024	1	5	8	481130	110	90	62	0	2	0	35.6	75.8	0.013304
1	2024	1	5	8	481130	110	17	62	0	2	0	35.6	75.8	0.007979
1	2024	1	5	8	481130	110	16	62	0	2	0	35.6	75.8	1.62E-05
1	2024	1	5	8	481130	110	16	61	0	2	0	35.6	75.8	1.83E-05
1	2024	1	5	8	481130	110	16	53	0	2	0	35.6	75.8	3.17E-06
1	2024	1	5	8	481130	110	16	52	0	2	0	35.6	75.8	5.11E-05
1	2024	1	5	8	481130	110	16	31	0	2	0	35.6	75.8	0.000111
1	2024	1	5	8	481130	110	16	21	0	2	0	35.6	75.8	2.2E-05
1	2024	1	5	8	481130	110	16	61	0	1	0	35.6	75.8	2.42E-05
1	2024	1	5	8	481130	110	16	53	0	1	0	35.6	75.8	1.16E-05
1	2024	1	5	8	481130	110	16	52	0	1	0	35.6	75.8	0.00017
1	2024	1	5	8	481130	110	16	31	0	1	0	35.6	75.8	0.00011
1	2024	1	5	8	481130	110	16	21	0	1	0	35.6	75.8	5.52E-05
1	2024	1	5	8	481130	110	2	62	0	2	0	35.6	75.8	0.000315
1	2024	1	5	8	481130	110	2	61	0	2	0	35.6	75.8	0.000591
1	2024	1	5	8	481130	110	2	53	0	2	0	35.6	75.8	5.33E-05
1	2024	1	5	8	481130	110	2	52	0	2	0	35.6	75.8	0.000821
1	2024	1	5	8	481130	110	2	31	0	2	0	35.6	75.8	0.003561
1	2024	1	5	8	481130	110	2	21	0	2	0	35.6	75.8	0.002202
1	2024	1	5	8	481130	110	2	61	0	1	0	35.6	75.8	0.003031
1	2024	1	5	8	481130	110	2	53	0	1	0	35.6	75.8	0.001447
1	2024	1	5	8	481130	110	2	52	0	1	0	35.6	75.8	0.021253
1	2024	1	5	8	481130	110	2	31	0	1	0	35.6	75.8	0.01371
1	2024	1	5	8	481130	110	2	21	0	1	0	35.6	75.8	0.006901
1	2024	1	5	8	481130	100	91	62	0	2	0	35.6	75.8	0.002203
1	2024	1	5	8	481130	100	90	62	0	2	0	35.6	75.8	0.014461
1	2024	1	5	8	481130	100	17	62	0	2	0	35.6	75.8	0.008673
1	2024	1	5	8	481130	100	16	62	0	2	0	35.6	75.8	1.76E-05
1	2024	1	5	8	481130	100	16	61	0	2	0	35.6	75.8	1.99E-05
1	2024	1	5	8	481130	100	16	53	0	2	0	35.6	75.8	3.45E-06

1	2024	1	5	8	481130	100	16	52	0	2	0	35.6	75.8	5.55E-05
1	2024	1	5	8	481130	100	16	31	0	2	0	35.6	75.8	0.000121
1	2024	1	5	8	481130	100	16	21	0	2	0	35.6	75.8	2.39E-05
1	2024	1	5	8	481130	100	16	61	0	1	0	35.6	75.8	2.74E-05
1	2024	1	5	8	481130	100	16	53	0	1	0	35.6	75.8	1.31E-05
1	2024	1	5	8	481130	100	16	52	0	1	0	35.6	75.8	0.000192
1	2024	1	5	8	481130	100	16	31	0	1	0	35.6	75.8	0.000124
1	2024	1	5	8	481130	100	16	21	0	1	0	35.6	75.8	6.24E-05
1	2024	1	5	8	481130	100	2	62	0	2	0	35.6	75.8	0.000343
1	2024	1	5	8	481130	100	2	61	0	2	0	35.6	75.8	0.000642
1	2024	1	5	8	481130	100	2	53	0	2	0	35.6	75.8	5.79E-05
1	2024	1	5	8	481130	100	2	52	0	2	0	35.6	75.8	0.000892
1	2024	1	5	8	481130	100	2	31	0	2	0	35.6	75.8	0.003871
1	2024	1	5	8	481130	100	2	21	0	2	0	35.6	75.8	0.002394
1	2024	1	5	8	481130	100	2	61	0	1	0	35.6	75.8	0.003426
1	2024	1	5	8	481130	100	2	53	0	1	0	35.6	75.8	0.001635
1	2024	1	5	8	481130	100	2	52	0	1	0	35.6	75.8	0.024025
1	2024	1	5	8	481130	100	2	31	0	1	0	35.6	75.8	0.015498
1	2024	1	5	8	481130	100	2	21	0	1	0	35.6	75.8	0.007801
1	2024	1	5	8	481130	90	91	62	0	2	0	35.6	75.8	15.7777
1	2024	1	5	8	481130	90	90	62	0	2	0	35.6	75.8	173.287
1	2024	1	5	8	481130	90	2	62	0	2	0	35.6	75.8	9.02609
1	2024	1	5	8	481130	90	2	61	0	2	0	35.6	75.8	19.2761
1	2024	1	5	8	481130	90	2	53	0	2	0	35.6	75.8	2.13942
1	2024	1	5	8	481130	90	2	52	0	2	0	35.6	75.8	2.58555
1	2024	1	5	8	481130	90	2	31	0	2	0	35.6	75.8	64.296
1	2024	1	5	8	481130	90	2	21	0	2	0	35.6	75.8	35.6132
1	2024	1	5	8	481130	90	2	61	0	1	0	35.6	75.8	3.64065
1	2024	1	5	8	481130	90	2	53	0	1	0	35.6	75.8	2.87989
1	2024	1	5	8	481130	90	2	52	0	1	0	35.6	75.8	42.2012
1	2024	1	5	8	481130	90	2	31	0	1	0	35.6	75.8	77.4732
1	2024	1	5	8	481130	90	2	21	0	1	0	35.6	75.8	48.5754
1	2024	1	5	8	481130	87	91	62	0	2	0	35.6	75.8	0.005976
1	2024	1	5	8	481130	87	90	62	0	2	0	35.6	75.8	0.094389
1	2024	1	5	8	481130	87	19	62	0	2	0	35.6	75.8	0.003289
1	2024	1	5	8	481130	87	19	61	0	2	0	35.6	75.8	0.000616
1	2024	1	5	8	481130	87	19	53	0	2	0	35.6	75.8	7.17E-05
1	2024	1	5	8	481130	87	19	52	0	2	0	35.6	75.8	0.000383
1	2024	1	5	8	481130	87	19	31	0	2	0	35.6	75.8	0.000519
1	2024	1	5	8	481130	87	19	21	0	2	0	35.6	75.8	0.000296
1	2024	1	5	8	481130	87	19	61	0	1	0	35.6	75.8	0.000379
1	2024	1	5	8	481130	87	19	53	0	1	0	35.6	75.8	0.000157
1	2024	1	5	8	481130	87	19	52	0	1	0	35.6	75.8	0.000648
1	2024	1	5	8	481130	87	19	31	0	1	0	35.6	75.8	0.000791
1	2024	1	5	8	481130	87	19	21	0	1	0	35.6	75.8	0.000496
1	2024	1	5	8	481130	87	18	62	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	87	18	61	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	87	18	53	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	87	18	52	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	87	18	31	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	87	18	21	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	87	18	61	0	1	0	35.6	75.8	0.000344
1	2024	1	5	8	481130	87	18	53	0	1	0	35.6	75.8	9.59E-05
1	2024	1	5	8	481130	87	18	52	0	1	0	35.6	75.8	0.000444
1	2024	1	5	8	481130	87	18	31	0	1	0	35.6	75.8	0.000117
1	2024	1	5	8	481130	87	18	21	0	1	0	35.6	75.8	3.81E-05
1	2024	1	5	8	481130	87	17	62	0	2	0	35.6	75.8	0.015673
1	2024	1	5	8	481130	87	16	62	0	2	0	35.6	75.8	7.44E-05
1	2024	1	5	8	481130	87	16	61	0	2	0	35.6	75.8	0.000279
1	2024	1	5	8	481130	87	16	53	0	2	0	35.6	75.8	3.53E-05
1	2024	1	5	8	481130	87	16	52	0	2	0	35.6	75.8	0.000569
1	2024	1	5	8	481130	87	16	31	0	2	0	35.6	75.8	0.000931
1	2024	1	5	8	481130	87	16	21	0	2	0	35.6	75.8	0.000393
1	2024	1	5	8	481130	87	16	61	0	1	0	35.6	75.8	0.00119
1	2024	1	5	8	481130	87	16	53	0	1	0	35.6	75.8	0.000339
1	2024	1	5	8	481130	87	16	52	0	1	0	35.6	75.8	0.004944
1	2024	1	5	8	481130	87	16	31	0	1	0	35.6	75.8	0.003571
1	2024	1	5	8	481130	87	16	21	0	1	0	35.6	75.8	0.002475
1	2024	1	5	8	481130	87	13	61	0	1	0	35.6	75.8	0.687936
1	2024	1	5	8	481130	87	13	53	0	1	0	35.6	75.8	0.161808
1	2024	1	5	8	481130	87	13	52	0	1	0	35.6	75.8	0.144389
1	2024	1	5	8	481130	87	13	31	0	1	0	35.6	75.8	0.079844
1	2024	1	5	8	481130	87	13	21	0	1	0	35.6	75.8	0.057852
1	2024	1	5	8	481130	87	11	61	0	1	0	35.6	75.8	0.116125
1	2024	1	5	8	481130	87	11	53	0	1	0	35.6	75.8	0.02081
1	2024	1	5	8	481130	87	11	52	0	1	0	35.6	75.8	0.019754
1	2024	1	5	8	481130	87	11	31	0	1	0	35.6	75.8	0.00886
1	2024	1	5	8	481130	87	11	21	0	1	0	35.6	75.8	0.007752
1	2024	1	5	8	481130	87	2	62	0	2	0	35.6	75.8	0.022009
1	2024	1	5	8	481130	87	2	61	0	2	0	35.6	75.8	0.120387

1	2024	1	5	8	481130	87	2	53	0	2	0	35.6	75.8	0.011165
1	2024	1	5	8	481130	87	2	52	0	2	0	35.6	75.8	0.169796
1	2024	1	5	8	481130	87	2	31	0	2	0	35.6	75.8	0.224884
1	2024	1	5	8	481130	87	2	21	0	2	0	35.6	75.8	0.2047
1	2024	1	5	8	481130	87	2	61	0	1	0	35.6	75.8	0.090171
1	2024	1	5	8	481130	87	2	53	0	1	0	35.6	75.8	0.025693
1	2024	1	5	8	481130	87	2	52	0	1	0	35.6	75.8	0.374522
1	2024	1	5	8	481130	87	2	31	0	1	0	35.6	75.8	0.270551
1	2024	1	5	8	481130	87	2	21	0	1	0	35.6	75.8	0.187466
1	2024	1	5	8	481130	46	91	62	0	2	0	35.6	75.8	2.26E-05
1	2024	1	5	8	481130	46	90	62	0	2	0	35.6	75.8	0.004129
1	2024	1	5	8	481130	46	19	62	0	2	0	35.6	75.8	2.32E-05
1	2024	1	5	8	481130	46	19	61	0	2	0	35.6	75.8	4.35E-06
1	2024	1	5	8	481130	46	19	53	0	2	0	35.6	75.8	5.06E-07
1	2024	1	5	8	481130	46	19	52	0	2	0	35.6	75.8	2.7E-06
1	2024	1	5	8	481130	46	19	31	0	2	0	35.6	75.8	3.66E-06
1	2024	1	5	8	481130	46	19	21	0	2	0	35.6	75.8	2.09E-06
1	2024	1	5	8	481130	46	19	61	0	1	0	35.6	75.8	2.44E-05
1	2024	1	5	8	481130	46	19	53	0	1	0	35.6	75.8	1.01E-05
1	2024	1	5	8	481130	46	19	52	0	1	0	35.6	75.8	4.16E-05
1	2024	1	5	8	481130	46	19	31	0	1	0	35.6	75.8	5.08E-05
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1	2024	1	5	8	481130	46	18	61	0	1	0	35.6	75.8	2.21E-05
1	2024	1	5	8	481130	46	18	53	0	1	0	35.6	75.8	6.16E-06
1	2024	1	5	8	481130	46	18	52	0	1	0	35.6	75.8	2.85E-05
1	2024	1	5	8	481130	46	18	31	0	1	0	35.6	75.8	7.53E-06
1	2024	1	5	8	481130	46	18	21	0	1	0	35.6	75.8	2.45E-06
1	2024	1	5	8	481130	46	17	62	0	2	0	35.6	75.8	0.001133
1	2024	1	5	8	481130	46	16	62	0	2	0	35.6	75.8	2.81E-07
1	2024	1	5	8	481130	46	16	61	0	2	0	35.6	75.8	1.06E-06
1	2024	1	5	8	481130	46	16	53	0	2	0	35.6	75.8	1.34E-07
1	2024	1	5	8	481130	46	16	52	0	2	0	35.6	75.8	2.15E-06
1	2024	1	5	8	481130	46	16	31	0	2	0	35.6	75.8	2.51E-05
1	2024	1	5	8	481130	46	16	21	0	2	0	35.6	75.8	2.34E-05
1	2024	1	5	8	481130	46	16	61	0	1	0	35.6	75.8	8.29E-05
1	2024	1	5	8	481130	46	16	53	0	1	0	35.6	75.8	2.1E-05
1	2024	1	5	8	481130	46	16	52	0	1	0	35.6	75.8	0.000305
1	2024	1	5	8	481130	46	16	31	0	1	0	35.6	75.8	0.000225
1	2024	1	5	8	481130	46	16	21	0	1	0	35.6	75.8	0.000154
1	2024	1	5	8	481130	46	13	61	0	1	0	35.6	75.8	0.044186
1	2024	1	5	8	481130	46	13	53	0	1	0	35.6	75.8	0.010393
1	2024	1	5	8	481130	46	13	52	0	1	0	35.6	75.8	0.009274
1	2024	1	5	8	481130	46	13	31	0	1	0	35.6	75.8	0.005128
1	2024	1	5	8	481130	46	13	21	0	1	0	35.6	75.8	0.003716
1	2024	1	5	8	481130	46	11	61	0	1	0	35.6	75.8	0.001277
1	2024	1	5	8	481130	46	11	53	0	1	0	35.6	75.8	0.000229
1	2024	1	5	8	481130	46	11	52	0	1	0	35.6	75.8	0.000217
1	2024	1	5	8	481130	46	11	31	0	1	0	35.6	75.8	9.75E-05
1	2024	1	5	8	481130	46	11	21	0	1	0	35.6	75.8	8.53E-05
1	2024	1	5	8	481130	46	2	62	0	2	0	35.6	75.8	0.001673
1	2024	1	5	8	481130	46	2	61	0	2	0	35.6	75.8	0.009493
1	2024	1	5	8	481130	46	2	53	0	2	0	35.6	75.8	0.000861
1	2024	1	5	8	481130	46	2	52	0	2	0	35.6	75.8	0.012946
1	2024	1	5	8	481130	46	2	31	0	2	0	35.6	75.8	0.015412
1	2024	1	5	8	481130	46	2	21	0	2	0	35.6	75.8	0.015592
1	2024	1	5	8	481130	46	2	61	0	1	0	35.6	75.8	0.006281
1	2024	1	5	8	481130	46	2	53	0	1	0	35.6	75.8	0.00159
1	2024	1	5	8	481130	46	2	52	0	1	0	35.6	75.8	0.023072
1	2024	1	5	8	481130	46	2	31	0	1	0	35.6	75.8	0.017067
1	2024	1	5	8	481130	46	2	21	0	1	0	35.6	75.8	0.011648
1	2024	1	5	8	481130	45	91	62	0	2	0	35.6	75.8	2.59E-05
1	2024	1	5	8	481130	45	90	62	0	2	0	35.6	75.8	0.001157
1	2024	1	5	8	481130	45	19	62	0	2	0	35.6	75.8	7.73E-06
1	2024	1	5	8	481130	45	19	61	0	2	0	35.6	75.8	1.45E-06
1	2024	1	5	8	481130	45	19	53	0	2	0	35.6	75.8	1.68E-07
1	2024	1	5	8	481130	45	19	52	0	2	0	35.6	75.8	9E-07
1	2024	1	5	8	481130	45	19	31	0	2	0	35.6	75.8	1.22E-06
1	2024	1	5	8	481130	45	19	21	0	2	0	35.6	75.8	6.95E-07
1	2024	1	5	8	481130	45	19	61	0	1	0	35.6	75.8	5.44E-05
1	2024	1	5	8	481130	45	19	53	0	1	0	35.6	75.8	2.25E-05
1	2024	1	5	8	481130	45	19	52	0	1	0	35.6	75.8	9.29E-05
1	2024	1	5	8	481130	45	19	31	0	1	0	35.6	75.8	0.000113
1	2024	1	5	8	481130	45	19	21	0	1	0	35.6	75.8	7.11E-05
1	2024	1	5	8	481130	45	18	61	0	1	0	35.6	75.8	4.93E-05
1	2024	1	5	8	481130	45	18	53	0	1	0	35.6	75.8	1.37E-05
1	2024	1	5	8	481130	45	18	52	0	1	0	35.6	75.8	6.37E-05
1	2024	1	5	8	481130	45	18	31	0	1	0	35.6	75.8	1.68E-05
1	2024	1	5	8	481130	45	18	21	0	1	0	35.6	75.8	5.47E-06
1	2024	1	5	8	481130	45	17	62	0	2	0	35.6	75.8	0.000279
1	2024	1	5	8	481130	45	16	62	0	2	0	35.6	75.8	3.22E-07

1	2024	1	5	8	481130	45	16	61	0	2	0	35.6	75.8	1.21E-06
1	2024	1	5	8	481130	45	16	53	0	2	0	35.6	75.8	1.53E-07
1	2024	1	5	8	481130	45	16	52	0	2	0	35.6	75.8	2.46E-06
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1	2024	1	5	8	481130	45	16	21	0	2	0	35.6	75.8	5.62E-06
1	2024	1	5	8	481130	45	16	61	0	1	0	35.6	75.8	0.000102
1	2024	1	5	8	481130	45	16	53	0	1	0	35.6	75.8	2.58E-05
1	2024	1	5	8	481130	45	16	52	0	1	0	35.6	75.8	0.000375
1	2024	1	5	8	481130	45	16	31	0	1	0	35.6	75.8	0.000277
1	2024	1	5	8	481130	45	16	21	0	1	0	35.6	75.8	0.000189
1	2024	1	5	8	481130	45	13	61	0	1	0	35.6	75.8	0.098623
1	2024	1	5	8	481130	45	13	53	0	1	0	35.6	75.8	0.023197
1	2024	1	5	8	481130	45	13	52	0	1	0	35.6	75.8	0.0207
1	2024	1	5	8	481130	45	13	31	0	1	0	35.6	75.8	0.011446
1	2024	1	5	8	481130	45	13	21	0	1	0	35.6	75.8	0.008294
1	2024	1	5	8	481130	45	11	61	0	1	0	35.6	75.8	0.011729
1	2024	1	5	8	481130	45	11	53	0	1	0	35.6	75.8	0.002102
1	2024	1	5	8	481130	45	11	52	0	1	0	35.6	75.8	0.001995
1	2024	1	5	8	481130	45	11	31	0	1	0	35.6	75.8	0.000895
1	2024	1	5	8	481130	45	11	21	0	1	0	35.6	75.8	0.000783
1	2024	1	5	8	481130	45	2	62	0	2	0	35.6	75.8	0.000382
1	2024	1	5	8	481130	45	2	61	0	2	0	35.6	75.8	0.002124
1	2024	1	5	8	481130	45	2	53	0	2	0	35.6	75.8	0.000193
1	2024	1	5	8	481130	45	2	52	0	2	0	35.6	75.8	0.002944
1	2024	1	5	8	481130	45	2	31	0	2	0	35.6	75.8	0.003584
1	2024	1	5	8	481130	45	2	21	0	2	0	35.6	75.8	0.003533
1	2024	1	5	8	481130	45	2	61	0	1	0	35.6	75.8	0.007732
1	2024	1	5	8	481130	45	2	53	0	1	0	35.6	75.8	0.001957
1	2024	1	5	8	481130	45	2	52	0	1	0	35.6	75.8	0.028389
1	2024	1	5	8	481130	45	2	31	0	1	0	35.6	75.8	0.021003
1	2024	1	5	8	481130	45	2	21	0	1	0	35.6	75.8	0.014333
1	2024	1	5	8	481130	43	91	62	0	2	0	35.6	75.8	2.8E-05
1	2024	1	5	8	481130	43	90	62	0	2	0	35.6	75.8	0.000355
1	2024	1	5	8	481130	43	17	62	0	2	0	35.6	75.8	4.87E-05
1	2024	1	5	8	481130	43	16	62	0	2	0	35.6	75.8	3.48E-07
1	2024	1	5	8	481130	43	16	61	0	2	0	35.6	75.8	1.31E-06
1	2024	1	5	8	481130	43	16	53	0	2	0	35.6	75.8	1.65E-07
1	2024	1	5	8	481130	43	16	52	0	2	0	35.6	75.8	2.66E-06
1	2024	1	5	8	481130	43	16	31	0	2	0	35.6	75.8	3.88E-06
1	2024	1	5	8	481130	43	16	21	0	2	0	35.6	75.8	1.35E-06
1	2024	1	5	8	481130	43	16	61	0	1	0	35.6	75.8	9.98E-07
1	2024	1	5	8	481130	43	16	53	0	1	0	35.6	75.8	1.99E-07
1	2024	1	5	8	481130	43	16	52	0	1	0	35.6	75.8	2.85E-06
1	2024	1	5	8	481130	43	16	31	0	1	0	35.6	75.8	2.23E-06
1	2024	1	5	8	481130	43	16	21	0	1	0	35.6	75.8	1.47E-06
1	2024	1	5	8	481130	43	2	62	0	2	0	35.6	75.8	6.75E-05
1	2024	1	5	8	481130	43	2	61	0	2	0	35.6	75.8	0.000363
1	2024	1	5	8	481130	43	2	53	0	2	0	35.6	75.8	3.41E-05
1	2024	1	5	8	481130	43	2	52	0	2	0	35.6	75.8	0.000521
1	2024	1	5	8	481130	43	2	31	0	2	0	35.6	75.8	0.000728
1	2024	1	5	8	481130	43	2	21	0	2	0	35.6	75.8	0.000629
1	2024	1	5	8	481130	43	2	61	0	1	0	35.6	75.8	7.56E-05
1	2024	1	5	8	481130	43	2	53	0	1	0	35.6	75.8	1.51E-05
1	2024	1	5	8	481130	43	2	52	0	1	0	35.6	75.8	0.000216
1	2024	1	5	8	481130	43	2	31	0	1	0	35.6	75.8	0.000169
1	2024	1	5	8	481130	43	2	21	0	1	0	35.6	75.8	0.000111
1	2024	1	5	8	481130	42	91	62	0	2	0	35.6	75.8	1.18E-05
1	2024	1	5	8	481130	42	90	62	0	2	0	35.6	75.8	0.000155
1	2024	1	5	8	481130	42	19	62	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	42	19	61	0	2	0	35.6	75.8	0
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1	2024	1	5	8	481130	42	19	31	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	42	19	21	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	42	19	61	0	1	0	35.6	75.8	9.62E-06
1	2024	1	5	8	481130	42	19	53	0	1	0	35.6	75.8	3.99E-06
1	2024	1	5	8	481130	42	19	52	0	1	0	35.6	75.8	1.64E-05
1	2024	1	5	8	481130	42	19	31	0	1	0	35.6	75.8	2.01E-05
1	2024	1	5	8	481130	42	19	21	0	1	0	35.6	75.8	1.26E-05
1	2024	1	5	8	481130	42	18	61	0	1	0	35.6	75.8	8.71E-06
1	2024	1	5	8	481130	42	18	53	0	1	0	35.6	75.8	2.43E-06
1	2024	1	5	8	481130	42	18	52	0	1	0	35.6	75.8	1.13E-05
1	2024	1	5	8	481130	42	18	31	0	1	0	35.6	75.8	2.97E-06
1	2024	1	5	8	481130	42	18	21	0	1	0	35.6	75.8	9.67E-07
1	2024	1	5	8	481130	42	17	62	0	2	0	35.6	75.8	2.18E-05
1	2024	1	5	8	481130	42	16	62	0	2	0	35.6	75.8	1.46E-07
1	2024	1	5	8	481130	42	16	61	0	2	0	35.6	75.8	5.5E-07
1	2024	1	5	8	481130	42	16	53	0	2	0	35.6	75.8	6.96E-08
1	2024	1	5	8	481130	42	16	52	0	2	0	35.6	75.8	1.12E-06
1	2024	1	5	8	481130	42	16	31	0	2	0	35.6	75.8	1.58E-06

1	2024	1	5	8	481130	42	16	21	0	2	0	35.6	75.8	5.11E-07
1	2024	1	5	8	481130	42	16	61	0	1	0	35.6	75.8	2E-05
1	2024	1	5	8	481130	42	16	53	0	1	0	35.6	75.8	9.23E-06
1	2024	1	5	8	481130	42	16	52	0	1	0	35.6	75.8	0.000136
1	2024	1	5	8	481130	42	16	31	0	1	0	35.6	75.8	9.15E-05
1	2024	1	5	8	481130	42	16	21	0	1	0	35.6	75.8	6.65E-05
1	2024	1	5	8	481130	42	13	61	0	1	0	35.6	75.8	0.017446
1	2024	1	5	8	481130	42	13	53	0	1	0	35.6	75.8	0.004103
1	2024	1	5	8	481130	42	13	52	0	1	0	35.6	75.8	0.003662
1	2024	1	5	8	481130	42	13	31	0	1	0	35.6	75.8	0.002025
1	2024	1	5	8	481130	42	13	21	0	1	0	35.6	75.8	0.001467
1	2024	1	5	8	481130	42	11	61	0	1	0	35.6	75.8	0.007548
1	2024	1	5	8	481130	42	11	53	0	1	0	35.6	75.8	0.001353
1	2024	1	5	8	481130	42	11	52	0	1	0	35.6	75.8	0.001284
1	2024	1	5	8	481130	42	11	31	0	1	0	35.6	75.8	0.000576
1	2024	1	5	8	481130	42	11	21	0	1	0	35.6	75.8	0.000504
1	2024	1	5	8	481130	42	2	62	0	2	0	35.6	75.8	2.49E-05
1	2024	1	5	8	481130	42	2	61	0	2	0	35.6	75.8	0.000126
1	2024	1	5	8	481130	42	2	53	0	2	0	35.6	75.8	1.19E-05
1	2024	1	5	8	481130	42	2	52	0	2	0	35.6	75.8	0.000189
1	2024	1	5	8	481130	42	2	31	0	2	0	35.6	75.8	0.00027
1	2024	1	5	8	481130	42	2	21	0	2	0	35.6	75.8	0.000225
1	2024	1	5	8	481130	42	2	61	0	1	0	35.6	75.8	0.001517
1	2024	1	5	8	481130	42	2	53	0	1	0	35.6	75.8	0.000699
1	2024	1	5	8	481130	42	2	52	0	1	0	35.6	75.8	0.010335
1	2024	1	5	8	481130	42	2	31	0	1	0	35.6	75.8	0.00693
1	2024	1	5	8	481130	42	2	21	0	1	0	35.6	75.8	0.005039
1	2024	1	5	8	481130	41	91	62	0	2	0	35.6	75.8	1.59E-05
1	2024	1	5	8	481130	41	90	62	0	2	0	35.6	75.8	0.000649
1	2024	1	5	8	481130	41	19	62	0	2	0	35.6	75.8	3.39E-06
1	2024	1	5	8	481130	41	19	61	0	2	0	35.6	75.8	6.34E-07
1	2024	1	5	8	481130	41	19	53	0	2	0	35.6	75.8	7.38E-08
1	2024	1	5	8	481130	41	19	52	0	2	0	35.6	75.8	3.94E-07
1	2024	1	5	8	481130	41	19	31	0	2	0	35.6	75.8	5.34E-07
1	2024	1	5	8	481130	41	19	21	0	2	0	35.6	75.8	3.05E-07
1	2024	1	5	8	481130	41	19	61	0	1	0	35.6	75.8	6.53E-06
1	2024	1	5	8	481130	41	19	53	0	1	0	35.6	75.8	2.71E-06
1	2024	1	5	8	481130	41	19	52	0	1	0	35.6	75.8	1.11E-05
1	2024	1	5	8	481130	41	19	31	0	1	0	35.6	75.8	1.36E-05
1	2024	1	5	8	481130	41	19	21	0	1	0	35.6	75.8	8.54E-06
1	2024	1	5	8	481130	41	18	61	0	1	0	35.6	75.8	5.91E-06
1	2024	1	5	8	481130	41	18	53	0	1	0	35.6	75.8	1.65E-06
1	2024	1	5	8	481130	41	18	52	0	1	0	35.6	75.8	7.64E-06
1	2024	1	5	8	481130	41	18	31	0	1	0	35.6	75.8	2.02E-06
1	2024	1	5	8	481130	41	18	21	0	1	0	35.6	75.8	6.57E-07
1	2024	1	5	8	481130	41	17	62	0	2	0	35.6	75.8	0.000155
1	2024	1	5	8	481130	41	16	62	0	2	0	35.6	75.8	1.97E-07
1	2024	1	5	8	481130	41	16	61	0	2	0	35.6	75.8	7.42E-07
1	2024	1	5	8	481130	41	16	53	0	2	0	35.6	75.8	9.38E-08
1	2024	1	5	8	481130	41	16	52	0	2	0	35.6	75.8	1.51E-06
1	2024	1	5	8	481130	41	16	31	0	2	0	35.6	75.8	4.75E-06
1	2024	1	5	8	481130	41	16	21	0	2	0	35.6	75.8	3.36E-06
1	2024	1	5	8	481130	41	16	61	0	1	0	35.6	75.8	2.28E-05
1	2024	1	5	8	481130	41	16	53	0	1	0	35.6	75.8	5.76E-06
1	2024	1	5	8	481130	41	16	52	0	1	0	35.6	75.8	8.36E-05
1	2024	1	5	8	481130	41	16	31	0	1	0	35.6	75.8	6.19E-05
1	2024	1	5	8	481130	41	16	21	0	1	0	35.6	75.8	4.22E-05
1	2024	1	5	8	481130	41	13	61	0	1	0	35.6	75.8	0.011839
1	2024	1	5	8	481130	41	13	53	0	1	0	35.6	75.8	0.002785
1	2024	1	5	8	481130	41	13	52	0	1	0	35.6	75.8	0.002485
1	2024	1	5	8	481130	41	13	31	0	1	0	35.6	75.8	0.001374
1	2024	1	5	8	481130	41	13	21	0	1	0	35.6	75.8	0.000996
1	2024	1	5	8	481130	41	11	61	0	1	0	35.6	75.8	0.000116
1	2024	1	5	8	481130	41	11	53	0	1	0	35.6	75.8	2.08E-05
1	2024	1	5	8	481130	41	11	52	0	1	0	35.6	75.8	1.98E-05
1	2024	1	5	8	481130	41	11	31	0	1	0	35.6	75.8	8.86E-06
1	2024	1	5	8	481130	41	11	21	0	1	0	35.6	75.8	7.75E-06
1	2024	1	5	8	481130	41	2	62	0	2	0	35.6	75.8	0.000226
1	2024	1	5	8	481130	41	2	61	0	2	0	35.6	75.8	0.001273
1	2024	1	5	8	481130	41	2	53	0	2	0	35.6	75.8	0.000116
1	2024	1	5	8	481130	41	2	52	0	2	0	35.6	75.8	0.001749
1	2024	1	5	8	481130	41	2	31	0	2	0	35.6	75.8	0.002133
1	2024	1	5	8	481130	41	2	21	0	2	0	35.6	75.8	0.002107
1	2024	1	5	8	481130	41	2	61	0	1	0	35.6	75.8	0.001726
1	2024	1	5	8	481130	41	2	53	0	1	0	35.6	75.8	0.000437
1	2024	1	5	8	481130	41	2	52	0	1	0	35.6	75.8	0.006334
1	2024	1	5	8	481130	41	2	31	0	1	0	35.6	75.8	0.004686
1	2024	1	5	8	481130	41	2	21	0	1	0	35.6	75.8	0.003198
1	2024	1	5	8	481130	40	91	62	0	2	0	35.6	75.8	1.08E-05
1	2024	1	5	8	481130	40	90	62	0	2	0	35.6	75.8	0.00032

1	2024	1	5	8	481130	40	19	62	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	40	19	61	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	40	19	53	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	40	19	52	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	40	19	31	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	40	19	21	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	40	19	61	0	1	0	35.6	75.8	1.27E-05
1	2024	1	5	8	481130	40	19	53	0	1	0	35.6	75.8	5.28E-06
1	2024	1	5	8	481130	40	19	52	0	1	0	35.6	75.8	2.17E-05
1	2024	1	5	8	481130	40	19	31	0	1	0	35.6	75.8	2.65E-05
1	2024	1	5	8	481130	40	19	21	0	1	0	35.6	75.8	1.66E-05
1	2024	1	5	8	481130	40	18	61	0	1	0	35.6	75.8	1.15E-05
1	2024	1	5	8	481130	40	18	53	0	1	0	35.6	75.8	3.22E-06
1	2024	1	5	8	481130	40	18	52	0	1	0	35.6	75.8	1.49E-05
1	2024	1	5	8	481130	40	18	31	0	1	0	35.6	75.8	3.93E-06
1	2024	1	5	8	481130	40	18	21	0	1	0	35.6	75.8	1.28E-06
1	2024	1	5	8	481130	40	17	62	0	2	0	35.6	75.8	7.04E-05
1	2024	1	5	8	481130	40	16	62	0	2	0	35.6	75.8	1.34E-07
1	2024	1	5	8	481130	40	16	61	0	2	0	35.6	75.8	5.05E-07
1	2024	1	5	8	481130	40	16	53	0	2	0	35.6	75.8	6.39E-08
1	2024	1	5	8	481130	40	16	52	0	2	0	35.6	75.8	1.03E-06
1	2024	1	5	8	481130	40	16	31	0	2	0	35.6	75.8	2.44E-06
1	2024	1	5	8	481130	40	16	21	0	2	0	35.6	75.8	1.47E-06
1	2024	1	5	8	481130	40	16	61	0	1	0	35.6	75.8	2.15E-05
1	2024	1	5	8	481130	40	16	53	0	1	0	35.6	75.8	4.47E-06
1	2024	1	5	8	481130	40	16	52	0	1	0	35.6	75.8	6.42E-05
1	2024	1	5	8	481130	40	16	31	0	1	0	35.6	75.8	4.97E-05
1	2024	1	5	8	481130	40	16	21	0	1	0	35.6	75.8	3.3E-05
1	2024	1	5	8	481130	40	13	61	0	1	0	35.6	75.8	0.023074
1	2024	1	5	8	481130	40	13	53	0	1	0	35.6	75.8	0.005427
1	2024	1	5	8	481130	40	13	52	0	1	0	35.6	75.8	0.004843
1	2024	1	5	8	481130	40	13	31	0	1	0	35.6	75.8	0.002678
1	2024	1	5	8	481130	40	13	21	0	1	0	35.6	75.8	0.00194
1	2024	1	5	8	481130	40	11	61	0	1	0	35.6	75.8	0.002787
1	2024	1	5	8	481130	40	11	53	0	1	0	35.6	75.8	0.000499
1	2024	1	5	8	481130	40	11	52	0	1	0	35.6	75.8	0.000474
1	2024	1	5	8	481130	40	11	31	0	1	0	35.6	75.8	0.000213
1	2024	1	5	8	481130	40	11	21	0	1	0	35.6	75.8	0.000186
1	2024	1	5	8	481130	40	2	62	0	2	0	35.6	75.8	9.58E-05
1	2024	1	5	8	481130	40	2	61	0	2	0	35.6	75.8	0.000529
1	2024	1	5	8	481130	40	2	53	0	2	0	35.6	75.8	4.83E-05
1	2024	1	5	8	481130	40	2	52	0	2	0	35.6	75.8	0.000737
1	2024	1	5	8	481130	40	2	31	0	2	0	35.6	75.8	0.000915
1	2024	1	5	8	481130	40	2	21	0	2	0	35.6	75.8	0.000885
1	2024	1	5	8	481130	40	2	61	0	1	0	35.6	75.8	0.001629
1	2024	1	5	8	481130	40	2	53	0	1	0	35.6	75.8	0.000338
1	2024	1	5	8	481130	40	2	52	0	1	0	35.6	75.8	0.004863
1	2024	1	5	8	481130	40	2	31	0	1	0	35.6	75.8	0.003766
1	2024	1	5	8	481130	40	2	21	0	1	0	35.6	75.8	0.002497
1	2024	1	5	8	481130	31	91	62	0	2	0	35.6	75.8	5.66E-05
1	2024	1	5	8	481130	31	90	62	0	2	0	35.6	75.8	0.000582
1	2024	1	5	8	481130	31	2	62	0	2	0	35.6	75.8	3.02E-05
1	2024	1	5	8	481130	31	2	61	0	2	0	35.6	75.8	6.45E-05
1	2024	1	5	8	481130	31	2	53	0	2	0	35.6	75.8	7.16E-06
1	2024	1	5	8	481130	31	2	52	0	2	0	35.6	75.8	0.000109
1	2024	1	5	8	481130	31	2	31	0	2	0	35.6	75.8	0.000216
1	2024	1	5	8	481130	31	2	21	0	2	0	35.6	75.8	0.000119
1	2024	1	5	8	481130	31	2	61	0	1	0	35.6	75.8	2.42E-05
1	2024	1	5	8	481130	31	2	53	0	1	0	35.6	75.8	1.91E-05
1	2024	1	5	8	481130	31	2	52	0	1	0	35.6	75.8	0.00028
1	2024	1	5	8	481130	31	2	31	0	1	0	35.6	75.8	0.000515
1	2024	1	5	8	481130	31	2	21	0	1	0	35.6	75.8	0.000323
1	2024	1	5	8	481130	27	91	62	0	2	0	35.6	75.8	3.96E-05
1	2024	1	5	8	481130	27	90	62	0	2	0	35.6	75.8	0.000507
1	2024	1	5	8	481130	27	17	62	0	2	0	35.6	75.8	6.98E-05
1	2024	1	5	8	481130	27	16	62	0	2	0	35.6	75.8	4.92E-07
1	2024	1	5	8	481130	27	16	61	0	2	0	35.6	75.8	1.85E-06
1	2024	1	5	8	481130	27	16	53	0	2	0	35.6	75.8	2.34E-07
1	2024	1	5	8	481130	27	16	52	0	2	0	35.6	75.8	3.77E-06
1	2024	1	5	8	481130	27	16	31	0	2	0	35.6	75.8	5.4E-06
1	2024	1	5	8	481130	27	16	21	0	2	0	35.6	75.8	1.82E-06
1	2024	1	5	8	481130	27	16	61	0	1	0	35.6	75.8	8.42E-07
1	2024	1	5	8	481130	27	16	53	0	1	0	35.6	75.8	2.85E-07
1	2024	1	5	8	481130	27	16	52	0	1	0	35.6	75.8	4.19E-06
1	2024	1	5	8	481130	27	16	31	0	1	0	35.6	75.8	2.94E-06
1	2024	1	5	8	481130	27	16	21	0	1	0	35.6	75.8	2.07E-06
1	2024	1	5	8	481130	27	2	62	0	2	0	35.6	75.8	8.95E-05
1	2024	1	5	8	481130	27	2	61	0	2	0	35.6	75.8	0.00047
1	2024	1	5	8	481130	27	2	53	0	2	0	35.6	75.8	4.42E-05
1	2024	1	5	8	481130	27	2	52	0	2	0	35.6	75.8	0.000686

1	2024	1	5	8	481130	27	2	31	0	2	0	35.6	75.8	0.000969
1	2024	1	5	8	481130	27	2	21	0	2	0	35.6	75.8	0.000824
1	2024	1	5	8	481130	27	2	61	0	1	0	35.6	75.8	6.38E-05
1	2024	1	5	8	481130	27	2	53	0	1	0	35.6	75.8	2.16E-05
1	2024	1	5	8	481130	27	2	52	0	1	0	35.6	75.8	0.000318
1	2024	1	5	8	481130	27	2	31	0	1	0	35.6	75.8	0.000223
1	2024	1	5	8	481130	27	2	21	0	1	0	35.6	75.8	0.000157
1	2024	1	5	8	481130	26	91	62	0	2	0	35.6	75.8	0.000213
1	2024	1	5	8	481130	26	90	62	0	2	0	35.6	75.8	0.003796
1	2024	1	5	8	481130	26	17	62	0	2	0	35.6	75.8	0.000679
1	2024	1	5	8	481130	26	16	62	0	2	0	35.6	75.8	2.64E-06
1	2024	1	5	8	481130	26	16	61	0	2	0	35.6	75.8	9.93E-06
1	2024	1	5	8	481130	26	16	53	0	2	0	35.6	75.8	1.26E-06
1	2024	1	5	8	481130	26	16	52	0	2	0	35.6	75.8	2.02E-05
1	2024	1	5	8	481130	26	16	31	0	2	0	35.6	75.8	3.5E-05
1	2024	1	5	8	481130	26	16	21	0	2	0	35.6	75.8	1.59E-05
1	2024	1	5	8	481130	26	16	61	0	1	0	35.6	75.8	1.85E-05
1	2024	1	5	8	481130	26	16	53	0	1	0	35.6	75.8	6.46E-06
1	2024	1	5	8	481130	26	16	52	0	1	0	35.6	75.8	9.53E-05
1	2024	1	5	8	481130	26	16	31	0	1	0	35.6	75.8	6.65E-05
1	2024	1	5	8	481130	26	16	21	0	1	0	35.6	75.8	4.7E-05
1	2024	1	5	8	481130	26	2	62	0	2	0	35.6	75.8	0.000924
1	2024	1	5	8	481130	26	2	61	0	2	0	35.6	75.8	0.005035
1	2024	1	5	8	481130	26	2	53	0	2	0	35.6	75.8	0.000465
1	2024	1	5	8	481130	26	2	52	0	2	0	35.6	75.8	0.007108
1	2024	1	5	8	481130	26	2	31	0	2	0	35.6	75.8	0.009257
1	2024	1	5	8	481130	26	2	21	0	2	0	35.6	75.8	0.008546
1	2024	1	5	8	481130	26	2	61	0	1	0	35.6	75.8	0.001404
1	2024	1	5	8	481130	26	2	53	0	1	0	35.6	75.8	0.000489
1	2024	1	5	8	481130	26	2	52	0	1	0	35.6	75.8	0.007219
1	2024	1	5	8	481130	26	2	31	0	1	0	35.6	75.8	0.005036
1	2024	1	5	8	481130	26	2	21	0	1	0	35.6	75.8	0.003563
1	2024	1	5	8	481130	25	91	62	0	2	0	35.6	75.8	0.000468
1	2024	1	5	8	481130	25	90	62	0	2	0	35.6	75.8	0.005775
1	2024	1	5	8	481130	25	17	62	0	2	0	35.6	75.8	0.000752
1	2024	1	5	8	481130	25	16	62	0	2	0	35.6	75.8	5.82E-06
1	2024	1	5	8	481130	25	16	61	0	2	0	35.6	75.8	2.19E-05
1	2024	1	5	8	481130	25	16	53	0	2	0	35.6	75.8	2.76E-06
1	2024	1	5	8	481130	25	16	52	0	2	0	35.6	75.8	4.45E-05
1	2024	1	5	8	481130	25	16	31	0	2	0	35.6	75.8	6.03E-05
1	2024	1	5	8	481130	25	16	21	0	2	0	35.6	75.8	1.79E-05
1	2024	1	5	8	481130	25	16	61	0	1	0	35.6	75.8	1.34E-05
1	2024	1	5	8	481130	25	16	53	0	1	0	35.6	75.8	2.78E-06
1	2024	1	5	8	481130	25	16	52	0	1	0	35.6	75.8	3.95E-05
1	2024	1	5	8	481130	25	16	31	0	1	0	35.6	75.8	3.07E-05
1	2024	1	5	8	481130	25	16	21	0	1	0	35.6	75.8	2.04E-05
1	2024	1	5	8	481130	25	2	62	0	2	0	35.6	75.8	0.000814
1	2024	1	5	8	481130	25	2	61	0	2	0	35.6	75.8	0.004015
1	2024	1	5	8	481130	25	2	53	0	2	0	35.6	75.8	0.000381
1	2024	1	5	8	481130	25	2	52	0	2	0	35.6	75.8	0.006153
1	2024	1	5	8	481130	25	2	31	0	2	0	35.6	75.8	0.009122
1	2024	1	5	8	481130	25	2	21	0	2	0	35.6	75.8	0.007313
1	2024	1	5	8	481130	25	2	61	0	1	0	35.6	75.8	0.001016
1	2024	1	5	8	481130	25	2	53	0	1	0	35.6	75.8	0.000211
1	2024	1	5	8	481130	25	2	52	0	1	0	35.6	75.8	0.002996
1	2024	1	5	8	481130	25	2	31	0	1	0	35.6	75.8	0.002322
1	2024	1	5	8	481130	25	2	21	0	1	0	35.6	75.8	0.001544
1	2024	1	5	8	481130	24	91	62	0	2	0	35.6	75.8	1.74E-05
1	2024	1	5	8	481130	24	90	62	0	2	0	35.6	75.8	0.000135
1	2024	1	5	8	481130	24	17	62	0	2	0	35.6	75.8	5.9E-06
1	2024	1	5	8	481130	24	16	62	0	2	0	35.6	75.8	2.17E-07
1	2024	1	5	8	481130	24	16	61	0	2	0	35.6	75.8	8.15E-07
1	2024	1	5	8	481130	24	16	53	0	2	0	35.6	75.8	1.03E-07
1	2024	1	5	8	481130	24	16	52	0	2	0	35.6	75.8	1.66E-06
1	2024	1	5	8	481130	24	16	31	0	2	0	35.6	75.8	1.93E-06
1	2024	1	5	8	481130	24	16	21	0	2	0	35.6	75.8	3.51E-07
1	2024	1	5	8	481130	24	16	61	0	1	0	35.6	75.8	8.1E-06
1	2024	1	5	8	481130	24	16	53	0	1	0	35.6	75.8	3.11E-06
1	2024	1	5	8	481130	24	16	52	0	1	0	35.6	75.8	4.62E-05
1	2024	1	5	8	481130	24	16	31	0	1	0	35.6	75.8	3.17E-05
1	2024	1	5	8	481130	24	16	21	0	1	0	35.6	75.8	2.27E-05
1	2024	1	5	8	481130	24	2	62	0	2	0	35.6	75.8	6.39E-06
1	2024	1	5	8	481130	24	2	61	0	2	0	35.6	75.8	2.38E-05
1	2024	1	5	8	481130	24	2	53	0	2	0	35.6	75.8	2.93E-06
1	2024	1	5	8	481130	24	2	52	0	2	0	35.6	75.8	4.84E-05
1	2024	1	5	8	481130	24	2	31	0	2	0	35.6	75.8	0.000127
1	2024	1	5	8	481130	24	2	21	0	2	0	35.6	75.8	5.95E-05
1	2024	1	5	8	481130	24	2	61	0	1	0	35.6	75.8	0.000614
1	2024	1	5	8	481130	24	2	53	0	1	0	35.6	75.8	0.000236
1	2024	1	5	8	481130	24	2	52	0	1	0	35.6	75.8	0.003498

1	2024	1	5	8	481130	24	2	31	0	1	0	35.6	75.8	0.002405
1	2024	1	5	8	481130	24	2	21	0	1	0	35.6	75.8	0.001716
1	2024	1	5	8	481130	20	91	62	0	2	0	35.6	75.8	4.68E-05
1	2024	1	5	8	481130	20	90	62	0	2	0	35.6	75.8	0.000416
1	2024	1	5	8	481130	20	19	62	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	20	19	61	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	20	19	53	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	20	19	52	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	20	19	31	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	20	19	21	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	20	19	61	0	1	0	35.6	75.8	6.35E-07
1	2024	1	5	8	481130	20	19	53	0	1	0	35.6	75.8	2.63E-07
1	2024	1	5	8	481130	20	19	52	0	1	0	35.6	75.8	1.08E-06
1	2024	1	5	8	481130	20	19	31	0	1	0	35.6	75.8	1.32E-06
1	2024	1	5	8	481130	20	19	21	0	1	0	35.6	75.8	8.3E-07
1	2024	1	5	8	481130	20	18	61	0	1	0	35.6	75.8	5.75E-07
1	2024	1	5	8	481130	20	18	53	0	1	0	35.6	75.8	1.6E-07
1	2024	1	5	8	481130	20	18	52	0	1	0	35.6	75.8	7.43E-07
1	2024	1	5	8	481130	20	18	31	0	1	0	35.6	75.8	1.96E-07
1	2024	1	5	8	481130	20	18	21	0	1	0	35.6	75.8	6.38E-08
1	2024	1	5	8	481130	20	17	62	0	2	0	35.6	75.8	2.99E-05
1	2024	1	5	8	481130	20	16	62	0	2	0	35.6	75.8	5.83E-07
1	2024	1	5	8	481130	20	16	61	0	2	0	35.6	75.8	2.19E-06
1	2024	1	5	8	481130	20	16	53	0	2	0	35.6	75.8	2.77E-07
1	2024	1	5	8	481130	20	16	52	0	2	0	35.6	75.8	4.46E-06
1	2024	1	5	8	481130	20	16	31	0	2	0	35.6	75.8	5.27E-06
1	2024	1	5	8	481130	20	16	21	0	2	0	35.6	75.8	1.02E-06
1	2024	1	5	8	481130	20	16	61	0	1	0	35.6	75.8	3.95E-05
1	2024	1	5	8	481130	20	16	53	0	1	0	35.6	75.8	1.42E-05
1	2024	1	5	8	481130	20	16	52	0	1	0	35.6	75.8	0.00021
1	2024	1	5	8	481130	20	16	31	0	1	0	35.6	75.8	0.000146
1	2024	1	5	8	481130	20	16	21	0	1	0	35.6	75.8	0.000103
1	2024	1	5	8	481130	20	13	61	0	1	0	35.6	75.8	0.001151
1	2024	1	5	8	481130	20	13	53	0	1	0	35.6	75.8	0.000271
1	2024	1	5	8	481130	20	13	52	0	1	0	35.6	75.8	0.000242
1	2024	1	5	8	481130	20	13	31	0	1	0	35.6	75.8	0.000134
1	2024	1	5	8	481130	20	13	21	0	1	0	35.6	75.8	9.68E-05
1	2024	1	5	8	481130	20	11	61	0	1	0	35.6	75.8	0.000292
1	2024	1	5	8	481130	20	11	53	0	1	0	35.6	75.8	5.24E-05
1	2024	1	5	8	481130	20	11	52	0	1	0	35.6	75.8	4.97E-05
1	2024	1	5	8	481130	20	11	31	0	1	0	35.6	75.8	2.23E-05
1	2024	1	5	8	481130	20	11	21	0	1	0	35.6	75.8	1.95E-05
1	2024	1	5	8	481130	20	2	62	0	2	0	35.6	75.8	2.42E-05
1	2024	1	5	8	481130	20	2	61	0	2	0	35.6	75.8	8.77E-05
1	2024	1	5	8	481130	20	2	53	0	2	0	35.6	75.8	9.82E-06
1	2024	1	5	8	481130	20	2	52	0	2	0	35.6	75.8	0.000177
1	2024	1	5	8	481130	20	2	31	0	2	0	35.6	75.8	0.000396
1	2024	1	5	8	481130	20	2	21	0	2	0	35.6	75.8	0.000209
1	2024	1	5	8	481130	20	2	61	0	1	0	35.6	75.8	0.002989
1	2024	1	5	8	481130	20	2	53	0	1	0	35.6	75.8	0.001077
1	2024	1	5	8	481130	20	2	52	0	1	0	35.6	75.8	0.01592
1	2024	1	5	8	481130	20	2	31	0	1	0	35.6	75.8	0.011048
1	2024	1	5	8	481130	20	2	21	0	1	0	35.6	75.8	0.007841
1	2024	1	5	8	481130	6	2	62	0	2	0	35.6	75.8	0.000128
1	2024	1	5	8	481130	6	2	61	0	2	0	35.6	75.8	0.001312
1	2024	1	5	8	481130	6	2	53	0	2	0	35.6	75.8	0.000114
1	2024	1	5	8	481130	6	2	52	0	2	0	35.6	75.8	0.001736
1	2024	1	5	8	481130	6	2	31	0	2	0	35.6	75.8	0.000937
1	2024	1	5	8	481130	6	2	21	0	2	0	35.6	75.8	0.000186
1	2024	1	5	8	481130	6	2	61	0	1	0	35.6	75.8	0.00586
1	2024	1	5	8	481130	6	2	53	0	1	0	35.6	75.8	0.001428
1	2024	1	5	8	481130	6	2	52	0	1	0	35.6	75.8	0.020739
1	2024	1	5	8	481130	6	2	31	0	1	0	35.6	75.8	0.010354
1	2024	1	5	8	481130	6	2	21	0	1	0	35.6	75.8	0.004844
1	2024	1	5	8	481130	5	91	62	0	2	0	35.6	75.8	0.000693
1	2024	1	5	8	481130	5	90	62	0	2	0	35.6	75.8	0.018562
1	2024	1	5	8	481130	5	17	62	0	2	0	35.6	75.8	0.000356
1	2024	1	5	8	481130	5	16	62	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	5	16	61	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	5	16	53	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	5	16	52	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	5	16	31	0	2	0	35.6	75.8	0.000175
1	2024	1	5	8	481130	5	16	21	0	2	0	35.6	75.8	0.000178
1	2024	1	5	8	481130	5	16	61	0	1	0	35.6	75.8	0.000202
1	2024	1	5	8	481130	5	16	53	0	1	0	35.6	75.8	5.75E-05
1	2024	1	5	8	481130	5	16	52	0	1	0	35.6	75.8	0.000838
1	2024	1	5	8	481130	5	16	31	0	1	0	35.6	75.8	0.000453
1	2024	1	5	8	481130	5	16	21	0	1	0	35.6	75.8	0.000302
1	2024	1	5	8	481130	5	2	62	0	2	0	35.6	75.8	0.012183
1	2024	1	5	8	481130	5	2	61	0	2	0	35.6	75.8	0.067891

1	2024	1	5	8	481130	5	2	53	0	2	0	35.6	75.8	0.006572
1	2024	1	5	8	481130	5	2	52	0	2	0	35.6	75.8	0.100192
1	2024	1	5	8	481130	5	2	31	0	2	0	35.6	75.8	0.118409
1	2024	1	5	8	481130	5	2	21	0	2	0	35.6	75.8	0.12007
1	2024	1	5	8	481130	5	2	61	0	1	0	35.6	75.8	0.015293
1	2024	1	5	8	481130	5	2	53	0	1	0	35.6	75.8	0.004358
1	2024	1	5	8	481130	5	2	52	0	1	0	35.6	75.8	0.06352
1	2024	1	5	8	481130	5	2	31	0	1	0	35.6	75.8	0.034337
1	2024	1	5	8	481130	5	2	21	0	1	0	35.6	75.8	0.022897
1	2024	1	5	8	481130	3	91	62	0	2	0	35.6	75.8	0.089767
1	2024	1	5	8	481130	3	90	62	0	2	0	35.6	75.8	1.46558
1	2024	1	5	8	481130	3	17	62	0	2	0	35.6	75.8	0.01319
1	2024	1	5	8	481130	3	16	62	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	3	16	61	0	2	0	35.6	75.8	0
1	2024	1	5	8	481130	3	16	53	0	2	0	35.6	75.8	5.49E-07
1	2024	1	5	8	481130	3	16	52	0	2	0	35.6	75.8	8.84E-06
1	2024	1	5	8	481130	3	16	31	0	2	0	35.6	75.8	3.42E-05
1	2024	1	5	8	481130	3	16	21	0	2	0	35.6	75.8	2.45E-06
1	2024	1	5	8	481130	3	16	61	0	1	0	35.6	75.8	2.86E-06
1	2024	1	5	8	481130	3	16	53	0	1	0	35.6	75.8	7.81E-07
1	2024	1	5	8	481130	3	16	52	0	1	0	35.6	75.8	1.14E-05
1	2024	1	5	8	481130	3	16	31	0	1	0	35.6	75.8	4.62E-06
1	2024	1	5	8	481130	3	16	21	0	1	0	35.6	75.8	2.52E-06
1	2024	1	5	8	481130	3	2	62	0	2	0	35.6	75.8	0.12097
1	2024	1	5	8	481130	3	2	61	0	2	0	35.6	75.8	0.247488
1	2024	1	5	8	481130	3	2	53	0	2	0	35.6	75.8	0.027814
1	2024	1	5	8	481130	3	2	52	0	2	0	35.6	75.8	0.419288
1	2024	1	5	8	481130	3	2	31	0	2	0	35.6	75.8	0.542253
1	2024	1	5	8	481130	3	2	21	0	2	0	35.6	75.8	0.037688
1	2024	1	5	8	481130	3	2	61	0	1	0	35.6	75.8	0.071423
1	2024	1	5	8	481130	3	2	53	0	1	0	35.6	75.8	0.019519
1	2024	1	5	8	481130	3	2	52	0	1	0	35.6	75.8	0.285814
1	2024	1	5	8	481130	3	2	31	0	1	0	35.6	75.8	0.115383
1	2024	1	5	8	481130	3	2	21	0	1	0	35.6	75.8	0.06299
1	2024	1	5	8	481130	2	91	62	0	2	0	35.6	75.8	0.043923
1	2024	1	5	8	481130	2	90	62	0	2	0	35.6	75.8	0.962183
1	2024	1	5	8	481130	2	17	62	0	2	0	35.6	75.8	0.010544
1	2024	1	5	8	481130	2	16	62	0	2	0	35.6	75.8	0.054301
1	2024	1	5	8	481130	2	16	61	0	2	0	35.6	75.8	0.109155
1	2024	1	5	8	481130	2	16	53	0	2	0	35.6	75.8	0.00414
1	2024	1	5	8	481130	2	16	52	0	2	0	35.6	75.8	0.061797
1	2024	1	5	8	481130	2	16	31	0	2	0	35.6	75.8	0.001087
1	2024	1	5	8	481130	2	16	21	0	2	0	35.6	75.8	0.000651
1	2024	1	5	8	481130	2	16	61	0	1	0	35.6	75.8	0.001502
1	2024	1	5	8	481130	2	16	53	0	1	0	35.6	75.8	0.000216
1	2024	1	5	8	481130	2	16	52	0	1	0	35.6	75.8	0.003335
1	2024	1	5	8	481130	2	16	31	0	1	0	35.6	75.8	0.001899
1	2024	1	5	8	481130	2	16	21	0	1	0	35.6	75.8	0.001289
1	2024	1	5	8	481130	2	2	62	0	2	0	35.6	75.8	0.119041
1	2024	1	5	8	481130	2	2	61	0	2	0	35.6	75.8	0.23659
1	2024	1	5	8	481130	2	2	53	0	2	0	35.6	75.8	0.013623
1	2024	1	5	8	481130	2	2	52	0	2	0	35.6	75.8	0.214371
1	2024	1	5	8	481130	2	2	31	0	2	0	35.6	75.8	0.531997
1	2024	1	5	8	481130	2	2	21	0	2	0	35.6	75.8	0.949259
1	2024	1	5	8	481130	2	2	61	0	1	0	35.6	75.8	2.88804
1	2024	1	5	8	481130	2	2	53	0	1	0	35.6	75.8	0.416326
1	2024	1	5	8	481130	2	2	52	0	1	0	35.6	75.8	6.41323
1	2024	1	5	8	481130	2	2	31	0	1	0	35.6	75.8	3.65158
1	2024	1	5	8	481130	2	2	21	0	1	0	35.6	75.8	2.47864

MOVESRu		Iteration											emissionQ		activityTy	emissionR		distanceU						
nID	D	yearID	monthID	dayID	hourID	stateID	countyID	zoneID	linkID	D	pollutant	processID	sourceID	regClassID	D	rID	D	SCC	uant	peID	activity	ate	massUnits	nits
1	1	2023	1	5	8	0	0	0	0	0	185	15	62	0	2	0	0	0	11.68668	1	163053.3	7.17E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	61	0	2	0	0	0	2.922588	1	45914.43	6.37E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	53	0	2	0	0	0	0.314048	1	7762.144	4.05E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	52	0	2	0	0	0	6.01127	1	115477.9	5.21E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	31	0	2	0	0	0	1.80799	1	92063.14	1.96E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	21	0	2	0	0	0	0.015866	1	14658.84	1.08E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	61	0	1	0	0	0	1.61E-05	1	0.30912	5.22E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	53	0	1	0	0	0	0.007782	1	2120.993	3.67E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	52	0	1	0	0	0	0.117296	1	31286.41	3.75E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	31	0	1	0	0	0	2.112255	1	1992682	1.06E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	15	21	0	1	0	0	0	1.254648	1	1941594	6.46E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	62	0	2	0	0	0	97.7653	1	163053.3	0.0006	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	61	0	2	0	0	0	24.31868	1	45914.43	0.00053	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	53	0	2	0	0	0	4.90346	1	7762.144	0.00052	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	52	0	2	0	0	0	83.9369	1	115477.9	0.000727	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	31	0	2	0	0	0	114.856	1	92063.14	0.001248	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	21	0	2	0	0	0	1.162443	1	14658.84	7.93E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	61	0	1	0	0	0	0.001221	1	0.30912	0.003951	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	53	0	1	0	0	0	0.589564	1	2120.993	0.000278	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	52	0	1	0	0	0	8.886051	1	31286.41	0.000284	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	31	0	1	0	0	0	160.0196	1	1992682	8.03E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	185	1	21	0	1	0	0	0	95.0491	1	1941594	4.9E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	62	0	2	0	0	0	0.178295	1	163053.3	1.09E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	61	0	2	0	0	0	0.044848	1	45914.43	9.77E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	53	0	2	0	0	0	0.008427	1	7762.144	1.09E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	52	0	2	0	0	0	0.143353	1	115477.9	1.24E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	31	0	2	0	0	0	0.085162	1	92063.14	9.25E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	21	0	2	0	0	0	0.000729	1	14658.84	4.98E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	61	0	1	0	0	0	4.99E-07	1	0.30912	1.61E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	53	0	1	0	0	0	0.000241	1	2120.993	1.13E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	52	0	1	0	0	0	0.003627	1	31286.41	1.16E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	15	31	0	1	0	0	0	0.065315	1	1992682	3.28E-08	g	mi
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1	1	2023	1	5	8	0	0	0	0	0	184	1	62	0	2	0	0	0	4.032326	1	163053.3	2.47E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	61	0	2	0	0	0	0.995867	1	45914.43	2.17E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	53	0	2	0	0	0	0.216934	1	7762.144	2.79E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	52	0	2	0	0	0	3.651696	1	115477.9	3.16E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	31	0	2	0	0	0	5.203482	1	92063.14	5.72E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	21	0	2	0	0	0	0.041404	1	14658.84	2.82E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	61	0	1	0	0	0	3.78E-05	1	0.30912	0.000122	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	53	0	1	0	0	0	0.01823	1	2120.993	8.6E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	52	0	1	0	0	0	0.274772	1	31286.41	8.78E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	184	1	31	0	1	0	0	0	4.948086	1	1992682	2.48E-06	g	mi
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1	1	2023	1	5	8	0	0	0	0	0	183	15	62	0	2	0	0	0	0.914365	1	163053.3	5.61E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	61	0	2	0	0	0	0.243741	1	45914.43	5.31E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	53	0	2	0	0	0	0.022917	1	7762.144	2.95E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	52	0	2	0	0	0	0.422057	1	115477.9	3.65E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	31	0	2	0	0	0	0.141532	1	92063.14	1.54E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	21	0	2	0	0	0	0.001254	1	14658.84	8.55E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	61	0	1	0	0	0	1.67E-06	1	0.30912	5.4E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	53	0	1	0	0	0	0.000806	1	2120.993	3.8E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	52	0	1	0	0	0	0.012154	1	31286.41	3.88E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	31	0	1	0	0	0	0.218877	1	1992682	1.1E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	15	21	0	1	0	0	0	0.13001	1	1941594	6.7E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	62	0	2	0	0	0	7.871477	1	163053.3	4.83E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	61	0	2	0	0	0	1.992766	1	45914.43	4.34E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	53	0	2	0	0	0	0.383736	1	7762.144	4.94E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	52	0	2	0	0	0	6.52528	1	115477.9	5.65E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	31	0	2	0	0	0	8.960516	1	92063.14	9.73E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	21	0	2	0	0	0	0.098719	1	14658.84	6.73E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	61	0	1	0	0	0	0.000127	1	0.30912	0.000409	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	53	0	1	0	0	0	0.061092	1	2120.993	2.88E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	52	0	1	0	0	0	0.920794	1	31286.41	2.94E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	31	0	1	0	0	0	16.58162	1	1992682	8.32E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	0	183	1	21	0	1	0	0	0	9.849215	1	1941594	5.07E-06	g	mi
1	1	2023	1	5	8	0	0	0	0															

1	1	2023	1	5	8	0	0	0	0	181	1	52	0	1	0	0	0.347007	1	31286.41	1.11E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	181	1	31	0	1	0	0	0.6248887	1	1992682	3.14E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	181	1	21	0	1	0	0	0.371174	1	1941594	1.91E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	62	0	2	0	0	0.115104	1	163053.3	7.06E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	61	0	2	0	0	0.029761	1	45914.43	6.48E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	53	0	2	0	0	0.004834	1	7762.144	6.23E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	52	0	2	0	0	0.082542	1	115477.9	7.15E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	31	0	2	0	0	0.046845	1	92063.14	5.09E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	21	0	2	0	0	0.000403	1	14658.84	2.75E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	61	0	1	0	0	0.261E-07	1	0.30912	8.44E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	53	0	1	0	0	0.000126	1	2120.993	5.93E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	52	0	1	0	0	0.001897	1	31286.41	6.06E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	31	0	1	0	0	0.034164	1	1992682	1.71E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	172	15	21	0	1	0	0	0.020293	1	1941594	1.05E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	62	0	2	0	0	0.225654	1	163053.3	1.38E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	61	0	2	0	0	0.559644	1	45914.43	1.22E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	53	0	2	0	0	0.119965	1	7762.144	1.55E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	52	0	2	0	0	0.2019976	1	115477.9	1.75E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	31	0	2	0	0	0.2900277	1	92063.14	3.15E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	21	0	2	0	0	0.02382	1	14658.84	1.62E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	61	0	1	0	0	0.198E-05	1	0.30912	6.39E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	53	0	1	0	0	0.009536	1	2120.993	4.5E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	52	0	1	0	0	0.143723	1	31286.41	4.59E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	31	0	1	0	0	0.2588159	1	1992682	1.3E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	172	1	21	0	1	0	0	0.1537325	1	1941594	7.92E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	62	0	2	0	0	0.257379	1	163053.3	1.58E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	61	0	2	0	0	0.066548	1	45914.43	1.45E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	53	0	2	0	0	0.010497	1	7762.144	1.35E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	52	0	2	0	0	0.180101	1	115477.9	1.56E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	31	0	2	0	0	0.099985	1	92063.14	1.08E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	21	0	2	0	0	0.000859	1	14658.84	5.86E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	61	0	1	0	0	0.141E-06	1	0.30912	4.56E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	53	0	1	0	0	0.000681	1	2120.993	3.21E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	52	0	1	0	0	0.010263	1	31286.41	3.28E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	31	0	1	0	0	0.184824	1	1992682	9.28E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	171	15	21	0	1	0	0	0.109783	1	1941594	5.65E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	62	0	2	0	0	0.4829904	1	163053.3	2.96E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	61	0	2	0	0	0.198368	1	45914.43	2.61E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	53	0	2	0	0	0.256157	1	7762.144	3.3E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	52	0	2	0	0	0.4314987	1	115477.9	3.74E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	31	0	2	0	0	0.186419	1	92063.14	6.72E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	21	0	2	0	0	0.05126	1	14658.84	3.5E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	61	0	1	0	0	0.000107	1	0.30912	0.000346	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	53	0	1	0	0	0.051587	1	2120.993	2.43E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	52	0	1	0	0	0.777536	1	31286.41	2.49E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	31	0	1	0	0	0.1400184	1	1992682	7.03E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	171	1	21	0	1	0	0	0.831687	1	1941594	4.28E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	62	0	2	0	0	0.176744	1	163053.3	1.08E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	61	0	2	0	0	0.047061	1	45914.43	1.02E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	53	0	2	0	0	0.006474	1	7762.144	8.34E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	52	0	2	0	0	0.110939	1	115477.9	9.61E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	31	0	2	0	0	0.059379	1	92063.14	6.45E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	21	0	2	0	0	0.000513	1	14658.84	3.5E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	61	0	1	0	0	0.311E-07	1	0.30912	1.01E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	53	0	1	0	0	0.00015	1	2120.993	7.07E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	52	0	1	0	0	0.002261	1	31286.41	7.23E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	31	0	1	0	0	0.040721	1	1992682	2.04E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	170	15	21	0	1	0	0	0.024188	1	1941594	1.25E-08	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	62	0	2	0	0	0.2931651	1	163053.3	1.8E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	61	0	2	0	0	0.73152	1	45914.43	1.59E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	53	0	2	0	0	0.153216	1	7762.144	1.97E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	52	0	2	0	0	0.2580558	1	115477.9	2.23E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	31	0	2	0	0	0.3685117	1	92063.14	4E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	21	0	2	0	0	0.032143	1	14658.84	2.19E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	61	0	1	0	0	0.235E-05	1	0.30912	7.62E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	53	0	1	0	0	0.011366	1	2120.993	5.36E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	52	0	1	0	0	0.171311	1	31286.41	5.48E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	31	0	1	0	0	0.308496	1	1992682	1.55E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	170	1	21	0	1	0	0	0.1832419	1	1941594	9.44E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	169	15	62	0	2	0	0	0.162465	1	163053.3	9.96E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	169	15	61	0	2	0	0	0.041318	1	45914.43	9E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	169	15	53	0	2	0	0	0.007198	1	7762.144	9.27E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	169	15	52	0	2	0	0	0.12301	1	115477.9	1.07E-06	g	mi

1	1	2023	1	5	8	0	0	0	0	169	1	53	0	1	0	0	0.015945	1	2120.993	7.52E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	169	1	52	0	1	0	0	0.24032	1	31286.41	7.68E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	169	1	31	0	1	0	0	4.327671	1	1992682	2.17E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	169	1	21	0	1	0	0	2.570572	1	1941594	1.32E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	62	0	2	0	0	2187.438	1	163053.3	0.013415	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	61	0	2	0	0	575.2333	1	45914.43	0.012528	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	53	0	2	0	0	51.4517	1	7762.144	0.006629	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	52	0	2	0	0	912.6897	1	115477.9	0.007904	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	31	0	2	0	0	273.0204	1	92063.14	0.002966	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	21	0	2	0	0	0.391631	1	14658.84	2.67E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	61	0	1	0	0	0.0000135	1	0.30912	0.000438	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	53	0	1	0	0	0.183017	1	2120.993	8.63E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	52	0	1	0	0	2.874007	1	31286.41	9.19E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	31	0	1	0	0	41.19603	1	1992682	2.07E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	110	15	21	0	1	0	0	27.70819	1	1941594	1.43E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	62	0	2	0	0	10752.82	1	163053.3	0.065947	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	61	0	2	0	0	2665.496	1	45914.43	0.058054	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	53	0	2	0	0	229.6007	1	7762.144	0.02958	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	52	0	2	0	0	4013.557	1	115477.9	0.034756	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	31	0	2	0	0	3724.307	1	92063.14	0.040454	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	21	0	2	0	0	19.6065	1	14658.84	0.001338	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	61	0	1	0	0	0.016915	1	0.30912	0.054718	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	53	0	1	0	0	22.87714	1	2120.993	0.010786	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	52	0	1	0	0	359.2509	1	31286.41	0.011483	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	31	0	1	0	0	5149.506	1	1992682	0.002584	g	mi
1	1	2023	1	5	8	0	0	0	0	110	1	21	0	1	0	0	3463.521	1	1941594	0.001784	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	62	0	2	0	0	2377.655	1	163053.3	0.014582	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	61	0	2	0	0	625.256	1	45914.43	0.013618	g	mi
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1	1	2023	1	5	8	0	0	0	0	100	15	31	0	2	0	0	296.7625	1	92063.14	0.003223	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	21	0	2	0	0	0.425688	1	14658.84	2.9E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	61	0	1	0	0	0.0000153	1	0.30912	0.000495	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	53	0	1	0	0	0.206888	1	2120.993	9.75E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	52	0	1	0	0	3.248867	1	31286.41	0.000104	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	31	0	1	0	0	46.5693	1	1992682	2.34E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	100	15	21	0	1	0	0	31.32214	1	1941594	1.61E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	62	0	2	0	0	0.11687.89	1	163053.3	0.071681	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	61	0	2	0	0	2897.285	1	45914.43	0.063102	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	53	0	2	0	0	249.5661	1	7762.144	0.032152	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	52	0	2	0	0	4362.573	1	115477.9	0.037778	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	31	0	2	0	0	4048.173	1	92063.14	0.043972	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	21	0	2	0	0	21.31145	1	14658.84	0.001454	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	61	0	1	0	0	0.019121	1	0.30912	0.061855	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	53	0	1	0	0	25.86099	1	2120.993	0.012193	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	52	0	1	0	0	406.108	1	31286.41	0.01298	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	31	0	1	0	0	5821.168	1	1992682	0.002921	g	mi
1	1	2023	1	5	8	0	0	0	0	100	1	21	0	1	0	0	3915.263	1	1941594	0.002017	g	mi
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1	1	2023	1	5	8	0	0	0	0	90	1	61	0	2	0	0	77579704	1	45914.43	1689.658	g	mi
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1	1	2023	1	5	8	0	0	0	0	90	1	61	0	1	0	0	494.4697	1	0.30912	1599.603	g	mi
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1	1	2023	1	5	8	0	0	0	0	90	1	52	0	1	0	0	34222096	1	31286.41	1093.833	g	mi
1	1	2023	1	5	8	0	0	0	0	90	1	31	0	1	0	0	8.02E+08	1	1992682	402.3001	g	mi
1	1	2023	1	5	8	0	0	0	0	90	1	21	0	1	0	0	5.92E+08	1	1941594	305.0271	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	62	0	2	0	0	4152.244	1	163053.3	0.025466	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	61	0	2	0	0	1263.364	1	45914.43	0.027516	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	53	0	2	0	0	58.73255	1	7762.144	0.007567	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	52	0	2	0	0	1012.326	1	115477.9	0.008766	g	mi
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1	1	2023	1	5	8	0	0	0	0	87	15	21	0	2	0	0	0.207851	1	14658.84	0.000142	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	61	0	1	0	0	0.007792	1	0.30912	0.025208	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	53	0	1	0	0	3.761147	1	2120.993	0.001773	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	52	0	1	0	0	56.6889	1	31286.41	0.001812	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	31	0	1	0	0	1020.85	1	1992682	0.000512	g	mi
1	1	2023	1	5	8	0	0	0	0	87	15	21	0	1	0	0	606.3692	1	1941594	0.000312	g	mi
1	1	2023	1	5	8	0	0	0	0	87	13	61	0	1	0	0	0.436809	1	0.30912	1.41307	g	mi
1	1	2023	1	5	8	0	0	0	0	87	13	53	0	1	0	0	145.2016	1	2120.993	0.068459	g	mi
1	1	2023	1	5	8	0	0	0	0	87	13	52	0	1	0	0	2623.932	1</				

1	1	2023	1	5	8	0	0	0	0	87	1	53	0	2	0	0	0	651.1447	1	7762.144	0.083887	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	52	0	2	0	0	0	10966.64	1	115477.9	0.094967	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	31	0	2	0	0	0	13432.42	1	92063.14	0.145904	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	21	0	2	0	0	0	348.044	1	14658.84	0.023743	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	61	0	1	0	0	0	0.59033	1	0.30912	1.909709	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	53	0	1	0	0	0	284.9352	1	2120.993	0.13434	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	52	0	1	0	0	0	4294.61	1	31286.41	0.137268	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	31	0	1	0	0	0	7737.17	1	1992682	0.038811	g	mi
1	1	2023	1	5	8	0	0	0	0	87	1	21	0	1	0	0	0	45937.01	1	1941594	0.023659	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	62	0	2	0	0	0	305.369	1	163053.3	0.001873	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	61	0	2	0	0	0	95.90769	1	45914.43	0.002089	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	53	0	2	0	0	0	3.105494	1	7762.144	0.00004	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	52	0	2	0	0	0	52.18426	1	115477.9	0.000452	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	31	0	2	0	0	0	0.88414	1	92063.14	9.6E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	21	0	2	0	0	0	0.03767	1	14658.84	2.57E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	61	0	1	0	0	0	0.000547	1	0.30912	0.00177	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	53	0	1	0	0	0	0.240996	1	2120.993	0.000114	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	52	0	1	0	0	0	3.56432	1	31286.41	0.000114	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	31	0	1	0	0	0	69.14368	1	1992682	3.47E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	46	15	21	0	1	0	0	0	40.4937	1	1941594	2.09E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	46	13	61	0	1	0	0	0	0.028056	1	0.30912	0.090762	g	mi
1	1	2023	1	5	8	0	0	0	0	46	13	53	0	1	0	0	0	9.326306	1	2120.993	0.004397	g	mi
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1	1	2023	1	5	8	0	0	0	0	46	13	31	0	1	0	0	0	7488.75	1	1992682	0.003758	g	mi
1	1	2023	1	5	8	0	0	0	0	46	13	21	0	1	0	0	0	5948.036	1	1941594	0.003063	g	mi
1	1	2023	1	5	8	0	0	0	0	46	12	61	0	1	0	0	0	0.060136	1	0.30912	0.19454	g	mi
1	1	2023	1	5	8	0	0	0	0	46	12	53	0	1	0	0	0	11.82447	1	2120.993	0.005575	g	mi
1	1	2023	1	5	8	0	0	0	0	46	12	52	0	1	0	0	0	77.39395	1	31286.41	0.002474	g	mi
1	1	2023	1	5	8	0	0	0	0	46	12	31	0	1	0	0	0	2901.745	1	1992682	0.001456	g	mi
1	1	2023	1	5	8	0	0	0	0	46	12	21	0	1	0	0	0	3023.542	1	1941594	0.001557	g	mi
1	1	2023	1	5	8	0	0	0	0	46	11	61	0	1	0	0	0	0.00087	1	0.30912	0.002816	g	mi
1	1	2023	1	5	8	0	0	0	0	46	11	53	0	1	0	0	0	0.213014	1	2120.993	0.0001	g	mi
1	1	2023	1	5	8	0	0	0	0	46	11	52	0	1	0	0	0	3.633909	1	31286.41	0.000116	g	mi
1	1	2023	1	5	8	0	0	0	0	46	11	31	0	1	0	0	0	105.6621	1	1992682	5.3E-05	g	mi
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1	1	2023	1	5	8	0	0	0	0	46	1	62	0	2	0	0	0	795.8026	1	163053.3	0.004881	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	61	0	2	0	0	0	249.2768	1	45914.43	0.005429	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	53	0	2	0	0	0	13.57041	1	7762.144	0.001748	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	52	0	2	0	0	0	225.1943	1	115477.9	0.00195	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	31	0	2	0	0	0	0.34.3885	1	92063.14	0.00146	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	21	0	2	0	0	0	21.45412	1	14658.84	0.001464	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	61	0	1	0	0	0	0.041446	1	0.30912	0.134076	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	53	0	1	0	0	0	18.25727	1	2120.993	0.008608	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	52	0	1	0	0	0	270.0242	1	31286.41	0.008631	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	31	0	1	0	0	0	5238.165	1	1992682	0.002629	g	mi
1	1	2023	1	5	8	0	0	0	0	46	1	21	0	1	0	0	0	3067.703	1	1941594	0.00158	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	62	0	2	0	0	0	75.90264	1	163053.3	0.000466	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	61	0	2	0	0	0	23.02732	1	45914.43	0.005002	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	53	0	2	0	0	0	0.904291	1	7762.144	0.000117	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	52	0	2	0	0	0	16.18912	1	115477.9	0.00014	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	31	0	2	0	0	0	0.897049	1	92063.14	9.74E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	21	0	2	0	0	0	0.014457	1	14658.84	9.86E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	61	0	1	0	0	0	0.000674	1	0.30912	0.002179	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	53	0	1	0	0	0	0.296583	1	2120.993	0.00014	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	52	0	1	0	0	0	4.38612	1	31286.41	0.00014	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	31	0	1	0	0	0	85.11005	1	1992682	4.27E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	45	15	21	0	1	0	0	0	49.84158	1	1941594	2.57E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	45	13	61	0	1	0	0	0	0.062621	1	0.30912	0.202578	g	mi
1	1	2023	1	5	8	0	0	0	0	45	13	53	0	1	0	0	0	20.81611	1	2120.993	0.009814	g	mi
1	1	2023	1	5	8	0	0	0	0	45	13	52	0	1	0	0	0	376.1669	1	31286.41	0.012023	g	mi
1	1	2023	1	5	8	0	0	0	0	45	13	31	0	1	0	0	0	16714.71	1	1992682	0.008388	g	mi
1	1	2023	1	5	8	0	0	0	0	45	13	21	0	1	0	0	0	13275.91	1	1941594	0.006838	g	mi
1	1	2023	1	5	8	0	0	0	0	45	12	61	0	1	0	0	0	0.134223	1	0.30912	0.43421	g	mi
1	1	2023	1	5	8	0	0	0	0	45	12	53	0	1	0	0	0	26.39197	1	2120.993	0.012443	g	mi
1	1	2023	1	5	8	0	0	0	0	45	12	52	0	1	0	0	0	372.742	1	31286.41	0.005521	g	mi
1	1	2023	1	5	8	0	0	0	0	45	12	31	0	1	0	0	0	0.676.633	1	1992682	0.00325	g	mi
1	1	2023	1	5	8	0	0	0	0	45	12	21	0	1	0	0	0	0.678.478	1	1941594	0.003476	g	mi
1	1	2023	1	5	8	0	0	0	0	45	11	61	0	1	0	0	0	0.007992	1	0.30912	0.025854	g	mi
1	1	2023	1	5	8	0	0	0	0	45	11	53	0	1	0	0	0	1.955852	1	2120.993	0.000922	g	mi
1	1	2023	1	5	8	0	0	0	0	45	11	52	0	1	0	0	0	33.36589	1	31286.41	0.001066	g	mi
1	1	2023	1	5	8	0	0	0	0	45	11	31	0	1									

1	1	2023	1	5	8	0	0	0	0	43	15	31	0	2	0	0	0.937519	1	92063.14	1.02E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	43	15	21	0	2	0	0	0.009061	1	14658.84	6.18E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	43	15	61	0	1	0	0	0.67E-06	1	0.30912	2.16E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	43	15	53	0	1	0	0	0.002472	1	2120.993	1.17E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	43	15	52	0	1	0	0	0.035042	1	31286.41	1.12E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	43	15	31	0	1	0	0	0.792084	1	1992682	3.97E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	43	15	21	0	1	0	0	0.0451754	1	1941594	2.33E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	62	0	2	0	0	0.7045438	1	163053.3	0.000432	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	61	0	2	0	0	0.1916058	1	45914.43	0.000417	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	53	0	2	0	0	0.2790121	1	7762.144	0.000359	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	52	0	2	0	0	0.4698888	1	115477.9	0.000407	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	31	0	2	0	0	0.608697	1	92063.14	0.000661	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	21	0	2	0	0	0.1177466	1	14658.84	8.03E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	61	0	1	0	0	0.0005056	1	0.30912	0.001635	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	53	0	1	0	0	0.0187238	1	2120.993	8.83E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	52	0	1	0	0	0.2654667	1	31286.41	8.49E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	31	0	1	0	0	0.6000626	1	1992682	3.01E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	43	1	21	0	1	0	0	0.3422372	1	1941594	1.76E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	62	0	2	0	0	0.5920505	1	163053.3	3.63E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	61	0	2	0	0	0.1647269	1	45914.43	3.59E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	53	0	2	0	0	0.107627	1	7762.144	1.39E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	52	0	2	0	0	0.2036596	1	115477.9	1.76E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	31	0	2	0	0	0.395346	1	92063.14	4.29E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	21	0	2	0	0	0.003764	1	14658.84	2.57E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	61	0	1	0	0	0.000125	1	0.30912	0.000405	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	53	0	1	0	0	0.091343	1	2120.993	4.31E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	52	0	1	0	0	0.1467766	1	31286.41	4.69E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	31	0	1	0	0	0.1979796	1	1992682	9.94E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	42	15	21	0	1	0	0	0.1253122	1	1941594	6.45E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	42	13	61	0	1	0	0	0.011077	1	0.30912	0.035835	g	mi
1	1	2023	1	5	8	0	0	0	0	42	13	53	0	1	0	0	0.3682315	1	2120.993	0.001736	g	mi
1	1	2023	1	5	8	0	0	0	0	42	13	52	0	1	0	0	0.6654289	1	31286.41	0.002127	g	mi
1	1	2023	1	5	8	0	0	0	0	42	13	31	0	1	0	0	0.2956794	1	1992682	0.001484	g	mi
1	1	2023	1	5	8	0	0	0	0	42	13	21	0	1	0	0	0.2348468	1	1941594	0.00121	g	mi
1	1	2023	1	5	8	0	0	0	0	42	12	61	0	1	0	0	0.023744	1	0.30912	0.076811	g	mi
1	1	2023	1	5	8	0	0	0	0	42	12	53	0	1	0	0	0.4668676	1	2120.993	0.002201	g	mi
1	1	2023	1	5	8	0	0	0	0	42	12	52	0	1	0	0	0.3055758	1	31286.41	0.000977	g	mi
1	1	2023	1	5	8	0	0	0	0	42	12	31	0	1	0	0	0.1145.7	1	1992682	0.000575	g	mi
1	1	2023	1	5	8	0	0	0	0	42	12	21	0	1	0	0	0.1193.788	1	1941594	0.000615	g	mi
1	1	2023	1	5	8	0	0	0	0	42	11	61	0	1	0	0	0.0005143	1	0.30912	0.016639	g	mi
1	1	2023	1	5	8	0	0	0	0	42	11	53	0	1	0	0	0.2258715	1	2120.993	0.000593	g	mi
1	1	2023	1	5	8	0	0	0	0	42	11	52	0	1	0	0	0.2147309	1	31286.41	0.000686	g	mi
1	1	2023	1	5	8	0	0	0	0	42	11	31	0	1	0	0	0.6242658	1	1992682	0.000313	g	mi
1	1	2023	1	5	8	0	0	0	0	42	11	21	0	1	0	0	0.5641825	1	1941594	0.000291	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	62	0	2	0	0	0.2901121	1	163053.3	0.000178	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	61	0	2	0	0	0.7671043	1	45914.43	0.000167	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	53	0	2	0	0	0.1198025	1	7762.144	0.000154	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	52	0	2	0	0	0.2057971	1	115477.9	0.000178	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	31	0	2	0	0	0.2609983	1	92063.14	0.000283	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	21	0	2	0	0	0.461645	1	14658.84	3.15E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	61	0	1	0	0	0.009493	1	0.30912	0.030709	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	53	0	1	0	0	0.6199003	1	2120.993	0.003263	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	52	0	1	0	0	0.111.1945	1	31286.41	0.003554	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	31	0	1	0	0	0.1499.849	1	1992682	0.000753	g	mi
1	1	2023	1	5	8	0	0	0	0	42	1	21	0	1	0	0	0.949.3349	1	1941594	0.000489	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	62	0	2	0	0	0.4158975	1	163053.3	0.000255	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	61	0	2	0	0	0.1296903	1	45914.43	0.000282	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	53	0	2	0	0	0.460315	1	7762.144	5.93E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	52	0	2	0	0	0.7794001	1	115477.9	6.75E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	31	0	2	0	0	0.546552	1	92063.14	5.94E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	21	0	2	0	0	0.0008663	1	14658.84	5.91E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	61	0	1	0	0	0.000015	1	0.30912	0.000486	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	53	0	1	0	0	0.066179	1	2120.993	3.12E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	52	0	1	0	0	0.978687	1	31286.41	3.13E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	31	0	1	0	0	0.899607	1	1992682	9.53E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	41	15	21	0	1	0	0	0.111224	1	1941594	5.73E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	41	13	61	0	1	0	0	0.007517	1	0.30912	0.024319	g	mi
1	1	2023	1	5	8	0	0	0	0	41	13	53	0	1	0	0	0.248892	1	2120.993	0.001178	g	mi
1	1	2023	1	5	8	0	0	0	0	41	13	52	0	1	0	0	0.4515788	1	31286.41	0.001443	g	mi
1	1	2023	1	5	8	0	0	0	0	41	13	31	0	1	0	0	0.2006561	1	1992682	0.001007	g	mi
1	1	2023	1	5	8	0	0	0	0	41	13	21	0	1	0	0	0.1593.739	1	1941594	0.000821	g	mi
1	1	2023	1	5	8	0	0	0	0	41	12	61	0	1	0	0	0.016113	1	0.30912	0.052126	g	mi
1	1	2023	1	5	8	0	0	0	0	41	12	53	0	1	0	0						

1	1	2023	1	5	8	0	0	0	0	41	1	61	0	1	0	0	0.011387	1	0.30912	0.036836	g	mi
1	1	2023	1	5	8	0	0	0	0	41	1	53	0	1	0	0	0.5013597	1	2120.993	0.002364	g	mi
1	1	2023	1	5	8	0	0	0	0	41	1	52	0	1	0	0	0.74.14298	1	31286.41	0.00237	g	mi
1	1	2023	1	5	8	0	0	0	0	41	1	31	0	1	0	0	0.1438.873	1	1992682	0.000722	g	mi
1	1	2023	1	5	8	0	0	0	0	41	1	21	0	1	0	0	0.842.6062	1	1941594	0.000434	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	62	0	2	0	0	0.19.09083	1	163053.3	0.000117	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	61	0	2	0	0	0.5.764859	1	45914.43	0.000126	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	53	0	2	0	0	0.0.239519	1	7762.144	3.09E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	52	0	2	0	0	0.4.288616	1	115477.9	3.71E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	31	0	2	0	0	0.0.368809	1	92063.14	4.01E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	21	0	2	0	0	0.0.004827	1	14658.84	3.29E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	61	0	1	0	0	0.0.000144	1	0.30912	0.000464	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	53	0	1	0	0	0.0.054712	1	2120.993	2.58E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	52	0	1	0	0	0.0.781674	1	31286.41	2.5E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	31	0	1	0	0	0.0.17.20685	1	1992682	8.64E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	40	15	21	0	1	0	0	0.0.9.856498	1	1941594	5.08E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	40	13	61	0	1	0	0	0.0.014651	1	0.30912	0.047394	g	mi
1	1	2023	1	5	8	0	0	0	0	40	13	53	0	1	0	0	0.0.4.870062	1	2120.993	0.002296	g	mi
1	1	2023	1	5	8	0	0	0	0	40	13	52	0	1	0	0	0.0.88.00661	1	31286.41	0.002813	g	mi
1	1	2023	1	5	8	0	0	0	0	40	13	31	0	1	0	0	0.0.3910.52	1	1992682	0.001962	g	mi
1	1	2023	1	5	8	0	0	0	0	40	13	21	0	1	0	0	0.0.3105.987	1	1941594	0.0016	g	mi
1	1	2023	1	5	8	0	0	0	0	40	12	61	0	1	0	0	0.0.031402	1	0.30912	0.101586	g	mi
1	1	2023	1	5	8	0	0	0	0	40	12	53	0	1	0	0	0.0.6.174581	1	2120.993	0.002911	g	mi
1	1	2023	1	5	8	0	0	0	0	40	12	52	0	1	0	0	0.0.40.41404	1	31286.41	0.001292	g	mi
1	1	2023	1	5	8	0	0	0	0	40	12	31	0	1	0	0	0.0.1515.25	1	1992682	0.00076	g	mi
1	1	2023	1	5	8	0	0	0	0	40	12	21	0	1	0	0	0.0.1578.854	1	1941594	0.000813	g	mi
1	1	2023	1	5	8	0	0	0	0	40	11	61	0	1	0	0	0.0.0.001899	1	0.30912	0.006144	g	mi
1	1	2023	1	5	8	0	0	0	0	40	11	53	0	1	0	0	0.0.0.464758	1	2120.993	0.000219	g	mi
1	1	2023	1	5	8	0	0	0	0	40	11	52	0	1	0	0	0.0.7.928517	1	31286.41	0.000253	g	mi
1	1	2023	1	5	8	0	0	0	0	40	11	31	0	1	0	0	0.0.230.5349	1	1992682	0.000116	g	mi
1	1	2023	1	5	8	0	0	0	0	40	11	21	0	1	0	0	0.0.208.3134	1	1941594	0.000107	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	62	0	2	0	0	0.0.60.21076	1	163053.3	0.000369	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	61	0	2	0	0	0.0.17.61068	1	45914.43	0.000384	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	53	0	2	0	0	0.0.1.623795	1	7762.144	0.000209	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	52	0	2	0	0	0.0.27.68432	1	115477.9	0.00024	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	31	0	2	0	0	0.0.27.98963	1	92063.14	0.000304	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	21	0	2	0	0	0.0.1.350848	1	14658.84	9.22E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	61	0	1	0	0	0.0.0.010873	1	0.30912	0.035175	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	53	0	1	0	0	0.0.4.144836	1	2120.993	0.001954	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	52	0	1	0	0	0.0.58.21766	1	31286.41	0.001893	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	31	0	1	0	0	0.0.1303.55	1	1992682	0.000854	g	mi
1	1	2023	1	5	8	0	0	0	0	40	1	21	0	1	0	0	0.0.746.7043	1	1941594	0.000385	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	62	0	2	0	0	0.0.912.7353	1	163053.3	0.005598	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	61	0	2	0	0	0.0.259.6919	1	45914.43	0.005656	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	53	0	2	0	0	0.0.24.91474	1	7762.144	0.00321	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	52	0	2	0	0	0.0.396.3216	1	115477.9	0.003432	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	31	0	2	0	0	0.0.155.1499	1	92063.14	0.001685	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	21	0	2	0	0	0.0.15.60555	1	14658.84	0.001065	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	61	0	1	0	0	0.0.0.003285	1	0.30912	0.010626	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	53	0	1	0	0	0.0.14.72773	1	2120.993	0.006944	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	52	0	1	0	0	0.0.227.3395	1	31286.41	0.007266	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	31	0	1	0	0	0.0.5325.452	1	1992682	0.002673	g	mi
1	1	2023	1	5	8	0	0	0	0	31	1	21	0	1	0	0	0.0.3934.274	1	1941594	0.002026	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	62	0	2	0	0	0.0.18.56927	1	163053.3	0.000114	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	61	0	2	0	0	0.0.5.400823	1	45914.43	0.000118	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	53	0	2	0	0	0.0.0.317346	1	7762.144	4.09E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	52	0	2	0	0	0.0.5.716289	1	115477.9	4.95E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	31	0	2	0	0	0.0.1.32736	1	92063.14	1.44E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	21	0	2	0	0	0.0.0.012728	1	14658.84	8.68E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	61	0	1	0	0	0.0.4.97E-06	1	0.30912	1.61E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	53	0	1	0	0	0.0.0.00271	1	2120.993	1.28E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	52	0	1	0	0	0.0.0.041919	1	31286.41	1.34E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	31	0	1	0	0	0.0.0.6845	1	1992682	3.44E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	27	15	21	0	1	0	0	0.0.0.412979	1	1941594	2.13E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	62	0	2	0	0	0.0.98.245	1	163053.3	0.000603	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	61	0	2	0	0	0.0.26.39259	1	45914.43	0.000575	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	53	0	2	0	0	0.0.3.971704	1	7762.144	0.000512	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	52	0	2	0	0	0.0.0.67.44661	1	115477.9	0.000584	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	31	0	2	0	0	0.0.86.71758	1	92063.14	0.000942	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	21	0	2	0	0	0.0.1.60388	1	14658.84	0.000109	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	61	0	1	0	0	0.0.0.000376	1	0.30912	0.001218	g	mi
1	1	2023	1	5	8	0	0	0	0	27	1	53	0	1	0</							

1	1	2023	1	5	8	0	0	0	0	26	1	61	0	2	0	0	0	205.8756	1	45914.43	0.004484	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	53	0	2	0	0	0	24.49293	1	7762.144	0.003155	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	52	0	2	0	0	0	415.1311	1	115477.9	0.003595	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	31	0	2	0	0	0	489.9252	1	92063.14	0.005322	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	21	0	2	0	0	0	14.2391	1	14658.84	0.000971	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	61	0	1	0	0	0	0.007772	1	0.30912	0.025141	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	53	0	1	0	0	0	2.89714	1	2120.993	0.001366	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	52	0	1	0	0	0	40.69729	1	31286.41	0.001301	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	31	0	1	0	0	0	926.4361	1	1992682	0.000465	g	mi
1	1	2023	1	5	8	0	0	0	0	26	1	21	0	1	0	0	0	532.6163	1	1941594	0.000274	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	62	0	2	0	0	0	205.1812	1	163053.3	0.001258	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	61	0	2	0	0	0	55.76972	1	45914.43	0.001215	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	53	0	2	0	0	0	4.001326	1	7762.144	0.000515	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	52	0	2	0	0	0	76.61509	1	115477.9	0.000663	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	31	0	2	0	0	0	15.68648	1	92063.14	0.00017	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	21	0	2	0	0	0	0.146202	1	14658.84	9.97E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	61	0	1	0	0	0	0.000105	1	0.30912	0.000338	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	53	0	1	0	0	0	0.061626	1	2120.993	2.91E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	52	0	1	0	0	0	0.967571	1	31286.41	3.09E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	31	0	1	0	0	0	14.90329	1	1992682	7.48E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	25	15	21	0	1	0	0	0	9.080894	1	1941594	4.68E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	62	0	2	0	0	0	1073.747	1	163053.3	0.006585	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	61	0	2	0	0	0	279.5364	1	45914.43	0.006088	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	53	0	2	0	0	0	46.42796	1	7762.144	0.005981	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	52	0	2	0	0	0	798.9335	1	115477.9	0.006918	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	31	0	2	0	0	0	1028.26	1	92063.14	0.011169	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	21	0	2	0	0	0	16.13379	1	14658.84	0.001101	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	61	0	1	0	0	0	0.007922	1	0.30912	0.025628	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	53	0	1	0	0	0	4.668621	1	2120.993	0.002201	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	52	0	1	0	0	0	73.30076	1	31286.41	0.002343	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	31	0	1	0	0	0	1129.037	1	1992682	0.000567	g	mi
1	1	2023	1	5	8	0	0	0	0	25	1	21	0	1	0	0	0	687.9469	1	1941594	0.000354	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	62	0	2	0	0	0	1.326092	1	163053.3	8.13E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	61	0	2	0	0	0	0.321723	1	45914.43	7.01E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	53	0	2	0	0	0	0.060684	1	7762.144	7.82E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	52	0	2	0	0	0	1.056964	1	115477.9	9.15E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	31	0	2	0	0	0	0.581635	1	92063.14	6.32E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	21	0	2	0	0	0	0.004978	1	14658.84	3.4E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	61	0	1	0	0	0	3.92E-05	1	0.30912	0.000127	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	53	0	1	0	0	0	0.00674	1	2120.993	3.18E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	52	0	1	0	0	0	0.059241	1	31286.41	1.89E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	31	0	1	0	0	0	3.825686	1	1992682	1.92E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	15	21	0	1	0	0	0	2.021285	1	1941594	1.04E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	62	0	2	0	0	0	27.53794	1	163053.3	0.000169	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	61	0	2	0	0	0	6.77638	1	45914.43	0.000148	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	53	0	2	0	0	0	1.485765	1	7762.144	0.000191	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	52	0	2	0	0	0	25.06274	1	115477.9	0.000217	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	31	0	2	0	0	0	36.01429	1	92063.14	0.000391	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	21	0	2	0	0	0	0.280712	1	14658.84	1.91E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	61	0	1	0	0	0	0.002971	1	0.30912	0.009611	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	53	0	1	0	0	0	0.51064	1	2120.993	0.000241	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	52	0	1	0	0	0	4.487974	1	31286.41	0.000143	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	31	0	1	0	0	0	289.8252	1	1992682	0.000145	g	mi
1	1	2023	1	5	8	0	0	0	0	24	1	21	0	1	0	0	0	153.1276	1	1941594	7.89E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	62	0	2	0	0	0	7.898963	1	163053.3	4.84E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	61	0	2	0	0	0	1.866532	1	45914.43	4.07E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	53	0	2	0	0	0	0.246065	1	7762.144	3.17E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	52	0	2	0	0	0	4.724386	1	115477.9	4.09E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	31	0	2	0	0	0	1.564978	1	92063.14	1.7E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	21	0	2	0	0	0	0.01354	1	14658.84	9.24E-07	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	61	0	1	0	0	0	0.000226	1	0.30912	0.000732	g	mi
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1	1	2023	1	5	8	0	0	0	0	20	15	52	0	1	0	0	0	2.354416	1	31286.41	7.53E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	31	0	1	0	0	0	33.77057	1	1992682	1.69E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	15	21	0	1	0	0	0	20.84176	1	1941594	1.07E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	13	61	0	1	0	0	0	0.000731	1	0.30912	0.002365	g	mi
1	1	2023	1	5	8	0	0	0	0	20	13	53	0	1	0	0	0	0.242984	1	2120.993	0.000115	g	mi
1	1	2023	1	5	8	0	0	0	0	20	13	52	0	1	0	0	0	4.390964	1	31286.41	0.00014	g	mi
1	1	2023	1	5	8	0	0	0	0	20	13	31	0	1	0	0	0	195.1098	1	1992682	9.79E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	13	21	0	1	0	0	0	154.9686	1	1941594	7.98E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	20	12	61	0</										

1	1	2023	1	5	8	0	0	0	0	20	1	53	0	1	0	0	0	11.1677	1	2120.993	0.005265	g	mi
1	1	2023	1	5	8	0	0	0	0	20	1	52	0	1	0	0	0	178.3643	1	31286.41	0.005701	g	mi
1	1	2023	1	5	8	0	0	0	0	20	1	31	0	1	0	0	0	2558.374	1	1992682	0.001284	g	mi
1	1	2023	1	5	8	0	0	0	0	20	1	21	0	1	0	0	0	1578.925	1	1941594	0.000813	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	62	0	2	0	0	0	357.737	1	163053.3	0.002194	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	61	0	2	0	0	0	137.1805	1	45914.43	0.002988	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	53	0	2	0	0	0	24.77065	1	7762.144	0.003191	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	52	0	2	0	0	0	387.2232	1	115477.9	0.003353	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	31	0	2	0	0	0	208.9357	1	92063.14	0.002269	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	21	0	2	0	0	0	8.857747	1	14658.84	0.006604	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	61	0	1	0	0	0	0.008114	1	0.30912	0.02625	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	53	0	1	0	0	0	16.31744	1	2120.993	0.007693	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	52	0	1	0	0	0	250.5651	1	31286.41	0.008009	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	31	0	1	0	0	0	5968.206	1	1992682	0.002995	g	mi
1	1	2023	1	5	8	0	0	0	0	6	1	21	0	1	0	0	0	3545.891	1	1941594	0.001826	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	62	0	2	0	0	0	0.110.3318	1	163053.3	0.000677	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	61	0	2	0	0	0	27.54418	1	45914.43	0.0006	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	53	0	2	0	0	0	2.253057	1	7762.144	0.00029	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	52	0	2	0	0	0	47.41124	1	115477.9	0.000411	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	31	0	2	0	0	0	1.20892	1	92063.14	1.31E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	21	0	2	0	0	0	0.24719	1	14658.84	1.69E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	61	0	1	0	0	0	0.001322	1	0.30912	0.004275	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	53	0	1	0	0	0	0.637902	1	2120.993	0.000301	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	52	0	1	0	0	0	9.614625	1	31286.41	0.000307	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	31	0	1	0	0	0	265.5822	1	1992682	0.000133	g	mi
1	1	2023	1	5	8	0	0	0	0	5	15	21	0	1	0	0	0	184.9951	1	1941594	9.53E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	62	0	2	0	0	0	3042.418	1	163053.3	0.018659	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	61	0	2	0	0	0	899.088	1	45914.43	0.019582	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	53	0	2	0	0	0	100.5869	1	7762.144	0.012959	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	52	0	2	0	0	0	1745.883	1	115477.9	0.015119	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	31	0	2	0	0	0	816.838	1	92063.14	0.008873	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	21	0	2	0	0	0	167.0202	1	14658.84	0.011394	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	61	0	1	0	0	0	0.100122	1	0.30912	0.323893	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	53	0	1	0	0	0	48.32586	1	2120.993	0.022785	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	52	0	1	0	0	0	728.3799	1	31286.41	0.023281	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	31	0	1	0	0	0	20119.81	1	1992682	0.010097	g	mi
1	1	2023	1	5	8	0	0	0	0	5	1	21	0	1	0	0	0	14014.79	1	1941594	0.007218	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	62	0	2	0	0	0	8502.505	1	163053.3	0.052146	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	61	0	2	0	0	0	2568.012	1	45914.43	0.05593	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	53	0	2	0	0	0	100.5826	1	7762.144	0.012958	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	52	0	2	0	0	0	1639.411	1	115477.9	0.014197	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	31	0	2	0	0	0	26.73074	1	92063.14	0.00029	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	21	0	2	0	0	0	0.18847	1	14658.84	1.29E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	61	0	1	0	0	0	9.14E-05	1	0.30912	0.000296	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	53	0	1	0	0	0	0.030243	1	2120.993	1.43E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	52	0	1	0	0	0	0.41676	1	31286.41	1.33E-05	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	31	0	1	0	0	0	16.23821	1	1992682	8.15E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	3	15	21	0	1	0	0	0	8.011642	1	1941594	4.13E-06	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	62	0	2	0	0	0	737032.3	1	163053.3	4.520192	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	61	0	2	0	0	0	201080.5	1	45914.43	4.379462	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	53	0	2	0	0	0	13811.98	1	7762.144	1.779403	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	52	0	2	0	0	0	231206	1	115477.9	2.002167	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	31	0	2	0	0	0	87108.96	1	92063.14	0.946187	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	21	0	2	0	0	0	1086.08	1	14658.84	0.07409	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	61	0	1	0	0	0	2.283841	1	0.30912	7.388194	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	53	0	1	0	0	0	756.0729	1	2120.993	0.356471	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	52	0	1	0	0	0	10419.01	1	31286.41	0.33302	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	31	0	1	0	0	0	405955.7	1	1992682	0.203723	g	mi
1	1	2023	1	5	8	0	0	0	0	3	1	21	0	1	0	0	0	200291.1	1	1941594	0.103158	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	62	0	2	0	0	0	3793.128	1	163053.3	0.023263	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	61	0	2	0	0	0	909.941	1	45914.43	0.019818	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	53	0	2	0	0	0	80.08581	1	7762.144	0.010317	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	52	0	2	0	0	0	1548.259	1	115477.9	0.013407	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	31	0	2	0	0	0	492.3363	1	92063.14	0.005348	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	21	0	2	0	0	0	31.67465	1	14658.84	0.02161	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	61	0	1	0	0	0	0.021859	1	0.30912	0.070712	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	53	0	1	0	0	0	7.567363	1	2120.993	0.003568	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	52	0	1	0	0	0	0.113.5107	1	31286.41	0.003628	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	31	0	1	0	0	0	2650.526	1	1992682	0.001133	g	mi
1	1	2023	1	5	8	0	0	0	0	2	15	21	0	1	0	0	0	2067.141	1	1941594	0.001065	g	mi
1	1	2023	1	5	8	0	0	0	0	2	1	62	0	2	0	0	0	345819.8	1	163053.3	2.1209	g	mi

MOVESRu		iterationI								pollutantI		sourceTyp		fuelTypel		modelYea	roadTypel	emissionQ		emissionR		distanceU	
nID	D	yearID	monthID	dayID	hourID	stateID	countyID	zoneID	linkID	D	processID	eID	regClassID	D	rID	D	SCC	uant	peID	activity	ate	massUnits	nits
1	1	2024	1	5	8	0	0	0	0	185	15	62	0	2	0	0	0	10.06242	1	163936.9	6.14E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	61	0	2	0	0	0	2.444983	1	46931.15	5.21E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	53	0	2	0	0	0	0.271995	1	7957.417	3.42E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	52	0	2	0	0	0	5.009332	1	118022.8	4.24E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	31	0	2	0	0	0	1.350921	1	96829.71	1.4E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	21	0	2	0	0	0	0.00748	1	15274.46	4.9E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	61	0	1	0	0	0	6.43E-06	1	0.144853	4.44E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	53	0	1	0	0	0	0.007035	1	2147.844	3.28E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	52	0	1	0	0	0	0.110875	1	31810.32	3.49E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	31	0	1	0	0	0	1.705453	1	1991965	8.56E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	185	15	21	0	1	0	0	0	1.028559	1	1950907	5.27E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	62	0	2	0	0	0	80.45129	1	163936.9	0.000491	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	61	0	2	0	0	0	20.13981	1	46931.15	0.000429	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	53	0	2	0	0	0	4.533326	1	7957.417	0.00057	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	52	0	2	0	0	0	69.93075	1	118022.8	0.000593	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	31	0	2	0	0	0	93.5867	1	96829.71	0.000967	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	21	0	2	0	0	0	0.838609	1	15274.46	5.49E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	61	0	1	0	0	0	0.000487	1	0.144853	0.003361	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	53	0	1	0	0	0	0.532987	1	2147.844	0.000248	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	52	0	1	0	0	0	8.399635	1	31810.32	0.000264	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	31	0	1	0	0	0	129.2009	1	1991965	6.49E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	185	1	21	0	1	0	0	0	77.92119	1	1950907	3.99E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	62	0	2	0	0	0	0.147998	1	163936.9	9.03E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	61	0	2	0	0	0	0.037564	1	46931.15	8E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	53	0	2	0	0	0	0.007826	1	7957.417	9.83E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	52	0	2	0	0	0	0.119622	1	118022.8	1.01E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	31	0	2	0	0	0	0.063597	1	96829.71	6.57E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	21	0	2	0	0	0	0.000335	1	15274.46	2.19E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	61	0	1	0	0	0	1.99E-07	1	0.144853	1.37E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	53	0	1	0	0	0	0.000218	1	2147.844	1.01E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	52	0	1	0	0	0	0.003428	1	31810.32	1.08E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	31	0	1	0	0	0	0.052736	1	1991965	2.65E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	184	15	21	0	1	0	0	0	0.031805	1	1950907	1.63E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	62	0	2	0	0	0	3.2751	1	163936.9	2E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	61	0	2	0	0	0	0.817988	1	46931.15	1.74E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	53	0	2	0	0	0	0.202433	1	7957.417	2.54E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	52	0	2	0	0	0	3.039771	1	118022.8	2.58E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	31	0	2	0	0	0	4.275685	1	96829.71	4.42E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	21	0	2	0	0	0	0.02699	1	15274.46	1.77E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	61	0	1	0	0	0	1.51E-05	1	0.144853	0.000104	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	53	0	1	0	0	0	0.016481	1	2147.844	7.67E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	52	0	1	0	0	0	0.259732	1	31810.32	8.17E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	31	0	1	0	0	0	3.995125	1	1991965	2.01E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	184	1	21	0	1	0	0	0	2.409461	1	1950907	1.24E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	62	0	2	0	0	0	0.81433	1	163936.9	4.97E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	61	0	2	0	0	0	0.216242	1	46931.15	4.61E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	53	0	2	0	0	0	0.02046	1	7957.417	2.57E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	52	0	2	0	0	0	0.358065	1	118022.8	3.03E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	31	0	2	0	0	0	0.105759	1	96829.71	1.09E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	21	0	2	0	0	0	0.000598	1	15274.46	3.92E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	61	0	1	0	0	0	6.66E-07	1	0.144853	4.6E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	53	0	1	0	0	0	0.000729	1	2147.844	3.39E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	52	0	1	0	0	0	0.011489	1	31810.32	3.61E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	31	0	1	0	0	0	0.176723	1	1991965	8.87E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	183	15	21	0	1	0	0	0	0.106582	1	1950907	5.46E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	62	0	2	0	0	0	6.550952	1	163936.9	4E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	61	0	2	0	0	0	1.679358	1	46931.15	3.58E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	53	0	2	0	0	0	0.356537	1	7957.417	4.48E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	52	0	2	0	0	0	5.459249	1	118022.8	4.63E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	31	0	2	0	0	0	7.308391	1	96829.71	7.55E-05	g	mi

1	1	2024	1	5	8	0	0	0	0	183	1	21	0	2	0	0	0	0.074055	1	15274.46	4.85E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	61	0	1	0	0	0	5.04E-05	1	0.144853	0.000348	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	53	0	1	0	0	0	0.055229	1	2147.844	2.57E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	52	0	1	0	0	0	0.87039	1	31810.32	2.74E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	31	0	1	0	0	0	13.38811	1	1991965	6.72E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	183	1	21	0	1	0	0	0	8.074375	1	1950907	4.14E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	62	0	2	0	0	0	0.315945	1	163936.9	1.93E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	61	0	2	0	0	0	0.084638	1	46931.15	1.8E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	53	0	2	0	0	0	0.010696	1	7957.417	1.34E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	52	0	2	0	0	0	0.172675	1	118022.8	1.46E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	31	0	2	0	0	0	0.072251	1	96829.71	7.46E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	21	0	2	0	0	0	0.000392	1	15274.46	2.57E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	61	0	1	0	0	0	2.51E-07	1	0.144853	1.73E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	53	0	1	0	0	0	0.000275	1	2147.844	1.28E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	52	0	1	0	0	0	0.00433	1	31810.32	1.36E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	31	0	1	0	0	0	0.066599	1	1991965	3.34E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	181	15	21	0	1	0	0	0	0.040166	1	1950907	2.06E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	62	0	2	0	0	0	4.030432	1	163936.9	2.46E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	61	0	2	0	0	0	1.022052	1	46931.15	2.18E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	53	0	2	0	0	0	0.235233	1	7957.417	2.96E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	52	0	2	0	0	0	3.554728	1	118022.8	3.01E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	31	0	2	0	0	0	4.905953	1	96829.71	5.07E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	21	0	2	0	0	0	0.039034	1	15274.46	2.56E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	61	0	1	0	0	0	1.9E-05	1	0.144853	0.000131	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	53	0	1	0	0	0	0.020814	1	2147.844	9.69E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	52	0	1	0	0	0	0.328012	1	31810.32	1.03E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	31	0	1	0	0	0	5.045391	1	1991965	2.53E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	181	1	21	0	1	0	0	0	3.042872	1	1950907	1.56E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	62	0	2	0	0	0	0.09784	1	163936.9	5.97E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	61	0	2	0	0	0	0.025612	1	46931.15	5.46E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	53	0	2	0	0	0	0.004487	1	7957.417	5.64E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	52	0	2	0	0	0	0.069222	1	118022.8	5.87E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	31	0	2	0	0	0	0.034985	1	96829.71	3.61E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	21	0	2	0	0	0	0.000186	1	15274.46	1.22E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	61	0	1	0	0	0	1.04E-07	1	0.144853	7.18E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	53	0	1	0	0	0	0.000114	1	2147.844	5.3E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	52	0	1	0	0	0	0.001793	1	31810.32	5.64E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	31	0	1	0	0	0	0.027584	1	1991965	1.38E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	172	15	21	0	1	0	0	0	0.016636	1	1950907	8.53E-09	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	62	0	2	0	0	0	1.839288	1	163936.9	1.12E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	61	0	2	0	0	0	0.461697	1	46931.15	9.84E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	53	0	2	0	0	0	0.111954	1	7957.417	1.41E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	52	0	2	0	0	0	1.68289	1	118022.8	1.43E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	31	0	2	0	0	0	2.356996	1	96829.71	2.43E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	21	0	2	0	0	0	0.015891	1	15274.46	1.04E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	61	0	1	0	0	0	7.87E-06	1	0.144853	5.44E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	53	0	1	0	0	0	0.008621	1	2147.844	4.01E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	52	0	1	0	0	0	0.135856	1	31810.32	4.27E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	31	0	1	0	0	0	2.089698	1	1991965	1.05E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	172	1	21	0	1	0	0	0	1.260297	1	1950907	6.46E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	62	0	2	0	0	0	0.219287	1	163936.9	1.34E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	61	0	2	0	0	0	0.057284	1	46931.15	1.22E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	53	0	2	0	0	0	0.009718	1	7957.417	1.22E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	52	0	2	0	0	0	0.151058	1	118022.8	1.28E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	31	0	2	0	0	0	0.074571	1	96829.71	7.7E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	21	0	2	0	0	0	0.000396	1	15274.46	2.59E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	61	0	1	0	0	0	5.62E-07	1	0.144853	3.88E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	53	0	1	0	0	0	0.000616	1	2147.844	2.87E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	52	0	1	0	0	0	0.009702	1	31810.32	3.05E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	31	0	1	0	0	0	0.149228	1	1991965	7.49E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	171	15	21	0	1	0	0	0	0.09	1	1950907	4.61E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	62	0	2	0	0	0	3.938917	1	163936.9	2.4E-05	g	mi

1	1	2024	1	5	8	0	0	0	0	171	1	61	0	2	0	0	0	0.989087	1	46931.15	2.11E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	53	0	2	0	0	0	0.238999	1	7957.417	3E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	52	0	2	0	0	0	3.595171	1	118022.8	3.05E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	31	0	2	0	0	0	5.028066	1	96829.71	5.19E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	21	0	2	0	0	0	0.034338	1	15274.46	2.25E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	61	0	1	0	0	0	4.26E-05	1	0.144853	0.000294	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	53	0	1	0	0	0	0.046637	1	2147.844	2.17E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	52	0	1	0	0	0	0.734974	1	31810.32	2.31E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	31	0	1	0	0	0	11.30518	1	1991965	5.68E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	171	1	21	0	1	0	0	0	6.818159	1	1950907	3.49E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	62	0	2	0	0	0	0.153984	1	163936.9	9.39E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	61	0	2	0	0	0	0.041616	1	46931.15	8.87E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	53	0	2	0	0	0	0.00601	1	7957.417	7.55E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	52	0	2	0	0	0	0.093683	1	118022.8	7.94E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	31	0	2	0	0	0	0.044349	1	96829.71	4.58E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	21	0	2	0	0	0	0.000238	1	15274.46	1.56E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	61	0	1	0	0	0	1.24E-07	1	0.144853	8.55E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	53	0	1	0	0	0	0.000136	1	2147.844	6.31E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	52	0	1	0	0	0	0.002138	1	31810.32	6.72E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	31	0	1	0	0	0	0.032879	1	1991965	1.65E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	170	15	21	0	1	0	0	0	0.019829	1	1950907	1.02E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	62	0	2	0	0	0	2.401721	1	163936.9	1.47E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	61	0	2	0	0	0	0.60729	1	46931.15	1.29E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	53	0	2	0	0	0	0.143011	1	7957.417	1.8E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	52	0	2	0	0	0	2.152627	1	118022.8	1.82E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	31	0	2	0	0	0	2.996715	1	96829.71	3.09E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	21	0	2	0	0	0	0.022098	1	15274.46	1.45E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	61	0	1	0	0	0	9.39E-06	1	0.144853	6.48E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	53	0	1	0	0	0	0.010275	1	2147.844	4.78E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	52	0	1	0	0	0	0.161934	1	31810.32	5.09E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	31	0	1	0	0	0	2.490817	1	1991965	1.25E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	170	1	21	0	1	0	0	0	1.502216	1	1950907	7.7E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	62	0	2	0	0	0	0.136372	1	163936.9	8.32E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	61	0	2	0	0	0	0.034996	1	46931.15	7.46E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	53	0	2	0	0	0	0.006673	1	7957.417	8.39E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	52	0	2	0	0	0	0.10284	1	118022.8	8.71E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	31	0	2	0	0	0	0.0529	1	96829.71	5.46E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	21	0	2	0	0	0	0.000279	1	15274.46	1.83E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	61	0	1	0	0	0	1.74E-07	1	0.144853	1.2E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	53	0	1	0	0	0	0.00019	1	2147.844	8.86E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	52	0	1	0	0	0	0.002999	1	31810.32	9.43E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	31	0	1	0	0	0	0.046123	1	1991965	2.32E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	169	15	21	0	1	0	0	0	0.027817	1	1950907	1.43E-08	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	62	0	2	0	0	0	2.751821	1	163936.9	1.68E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	61	0	2	0	0	0	0.688645	1	46931.15	1.47E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	53	0	2	0	0	0	0.168854	1	7957.417	2.12E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	52	0	2	0	0	0	2.537594	1	118022.8	2.15E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	31	0	2	0	0	0	3.560852	1	96829.71	3.68E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	21	0	2	0	0	0	0.023195	1	15274.46	1.52E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	61	0	1	0	0	0	1.32E-05	1	0.144853	9.09E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	53	0	1	0	0	0	0.014414	1	2147.844	6.71E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	52	0	1	0	0	0	0.227165	1	31810.32	7.14E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	31	0	1	0	0	0	3.494189	1	1991965	1.75E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	169	1	21	0	1	0	0	0	2.107344	1	1950907	1.08E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	62	0	2	0	0	0	1923.213	1	163936.9	0.011731	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	61	0	2	0	0	0	522.3073	1	46931.15	0.011129	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	53	0	2	0	0	0	54.07102	1	7957.417	0.006795	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	52	0	2	0	0	0	788.8985	1	118022.8	0.006684	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	31	0	2	0	0	0	281.7218	1	96829.71	0.002909	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	21	0	2	0	0	0	0.297403	1	15274.46	1.95E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	61	0	1	0	0	0	5.77E-05	1	0.144853	0.000398	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	53	0	1	0	0	0	0.166022	1	2147.844	7.73E-05	g	mi

1	1	2024	1	5	8	0	0	0	0	110	15	52	0	1	0	0	0	2.724861	1	31810.32	8.57E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	31	0	1	0	0	0	39.01231	1	1991965	1.96E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	110	15	21	0	1	0	0	0	26.55629	1	1950907	1.36E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	62	0	2	0	0	0	9415.259	1	163936.9	0.057432	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	61	0	2	0	0	0	2414.745	1	46931.15	0.051453	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	53	0	2	0	0	0	240.7765	1	7957.417	0.030258	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	52	0	2	0	0	0	3494.808	1	118022.8	0.029611	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	31	0	2	0	0	0	3467.048	1	96829.71	0.035806	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	21	0	2	0	0	0	19.68689	1	15274.46	0.001289	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	61	0	1	0	0	0	0.007209	1	0.144853	0.049769	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	53	0	1	0	0	0	20.75277	1	2147.844	0.009662	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	52	0	1	0	0	0	340.607	1	31810.32	0.010707	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	31	0	1	0	0	0	4876.538	1	1991965	0.002448	g	mi
1	1	2024	1	5	8	0	0	0	0	110	1	21	0	1	0	0	0	3319.527	1	1950907	0.001702	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	62	0	2	0	0	0	2090.456	1	163936.9	0.012752	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	61	0	2	0	0	0	567.7269	1	46931.15	0.012097	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	53	0	2	0	0	0	58.77297	1	7957.417	0.007386	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	52	0	2	0	0	0	857.4991	1	118022.8	0.007266	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	31	0	2	0	0	0	306.2205	1	96829.71	0.003162	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	21	0	2	0	0	0	0.323266	1	15274.46	2.12E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	61	0	1	0	0	0	6.52E-05	1	0.144853	0.000045	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	53	0	1	0	0	0	0.187677	1	2147.844	8.74E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	52	0	1	0	0	0	3.080264	1	31810.32	9.68E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	31	0	1	0	0	0	44.10058	1	1991965	2.21E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	100	15	21	0	1	0	0	0	30.02005	1	1950907	1.54E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	62	0	2	0	0	0	10234.01	1	163936.9	0.062426	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	61	0	2	0	0	0	2624.735	1	46931.15	0.055927	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	53	0	2	0	0	0	261.7152	1	7957.417	0.032889	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	52	0	2	0	0	0	3798.721	1	118022.8	0.032186	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	31	0	2	0	0	0	3768.541	1	96829.71	0.038919	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	21	0	2	0	0	0	21.39882	1	15274.46	0.001401	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	61	0	1	0	0	0	0.008149	1	0.144853	0.05626	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	53	0	1	0	0	0	23.45962	1	2147.844	0.010922	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	52	0	1	0	0	0	385.0325	1	31810.32	0.012104	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	31	0	1	0	0	0	5512.577	1	1991965	0.002767	g	mi
1	1	2024	1	5	8	0	0	0	0	100	1	21	0	1	0	0	0	3752.5	1	1950907	0.001923	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	62	0	2	0	0	0	2.68E+08	1	163936.9	1634.927	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	61	0	2	0	0	0	77709336	1	46931.15	1655.816	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	53	0	2	0	0	0	7490747	1	7957.417	941.3541	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	52	0	2	0	0	0	1.19E+08	1	118022.8	1004.695	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	31	0	2	0	0	0	46714756	1	96829.71	482.4424	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	21	0	2	0	0	0	4682175	1	15274.46	306.5361	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	61	0	1	0	0	0	236.5448	1	0.144853	1632.999	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	53	0	1	0	0	0	2229752	1	2147.844	1038.135	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	52	0	1	0	0	0	34574072	1	31810.32	1086.882	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	31	0	1	0	0	0	7.84E+08	1	1991965	393.5486	g	mi
1	1	2024	1	5	8	0	0	0	0	90	1	21	0	1	0	0	0	5.8E+08	1	1950907	297.542	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	62	0	2	0	0	0	4024.697	1	163936.9	0.02455	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	61	0	2	0	0	0	1242.194	1	46931.15	0.026468	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	53	0	2	0	0	0	56.03072	1	7957.417	0.007041	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	52	0	2	0	0	0	937.9958	1	118022.8	0.007948	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	31	0	2	0	0	0	150.5355	1	96829.71	0.001555	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	21	0	2	0	0	0	1.157233	1	15274.46	7.58E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	61	0	1	0	0	0	0.003106	1	0.144853	0.021442	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	53	0	1	0	0	0	3.400202	1	2147.844	0.001583	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	52	0	1	0	0	0	53.5857	1	31810.32	0.001685	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	31	0	1	0	0	0	824.2413	1	1991965	0.000414	g	mi
1	1	2024	1	5	8	0	0	0	0	87	15	21	0	1	0	0	0	497.1007	1	1950907	0.000255	g	mi
1	1	2024	1	5	8	0	0	0	0	87	13	61	0	1	0	0	0	0.174321	1	0.144853	1.203431	g	mi
1	1	2024	1	5	8	0	0	0	0	87	13	53	0	1	0	0	0	130.206	1	2147.844	0.060622	g	mi
1	1	2024	1	5	8	0	0	0	0	87	13	52	0	1	0	0	0	2555.646	1	31810.32	0.08034	g	mi
1	1	2024	1	5	8	0	0	0	0	87	13	31	0	1	0	0	0	116555.6	1	1991965	0.058513	g	mi

1	1	2024	1	5	8	0	0	0	0	87	13	21	0	1	0	0	0	92535.02	1	1950907	0.047432	g	mi
1	1	2024	1	5	8	0	0	0	0	87	12	61	0	1	0	0	0	0.333088	1	0.144853	2.299489	g	mi
1	1	2024	1	5	8	0	0	0	0	87	12	53	0	1	0	0	0	143.7521	1	2147.844	0.066929	g	mi
1	1	2024	1	5	8	0	0	0	0	87	12	52	0	1	0	0	0	1112.525	1	31810.32	0.034974	g	mi
1	1	2024	1	5	8	0	0	0	0	87	12	31	0	1	0	0	0	40993.42	1	1991965	0.020579	g	mi
1	1	2024	1	5	8	0	0	0	0	87	12	21	0	1	0	0	0	44624.24	1	1950907	0.022874	g	mi
1	1	2024	1	5	8	0	0	0	0	87	11	61	0	1	0	0	0	0.027305	1	0.144853	0.188502	g	mi
1	1	2024	1	5	8	0	0	0	0	87	11	53	0	1	0	0	0	14.39959	1	2147.844	0.006704	g	mi
1	1	2024	1	5	8	0	0	0	0	87	11	52	0	1	0	0	0	298.9382	1	31810.32	0.009398	g	mi
1	1	2024	1	5	8	0	0	0	0	87	11	31	0	1	0	0	0	8689.312	1	1991965	0.004362	g	mi
1	1	2024	1	5	8	0	0	0	0	87	11	21	0	1	0	0	0	8124.111	1	1950907	0.004164	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	62	0	2	0	0	0	16705.77	1	163936.9	0.101904	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	61	0	2	0	0	0	4789.973	1	46931.15	0.102064	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	53	0	2	0	0	0	614.2033	1	7957.417	0.077186	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	52	0	2	0	0	0	9499.987	1	118022.8	0.080493	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	31	0	2	0	0	0	11154.07	1	96829.71	0.115193	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	21	0	2	0	0	0	315.934	1	15274.46	0.020684	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	61	0	1	0	0	0	0.235294	1	0.144853	1.624361	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	53	0	1	0	0	0	257.5915	1	2147.844	0.11993	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	52	0	1	0	0	0	4059.525	1	31810.32	0.127617	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	31	0	1	0	0	0	62442.64	1	1991965	0.031347	g	mi
1	1	2024	1	5	8	0	0	0	0	87	1	21	0	1	0	0	0	37659.18	1	1950907	0.019303	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	62	0	2	0	0	0	302.8076	1	163936.9	0.001847	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	61	0	2	0	0	0	96.35139	1	46931.15	0.002053	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	53	0	2	0	0	0	3.066111	1	7957.417	0.000385	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	52	0	2	0	0	0	51.67845	1	118022.8	0.000438	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	31	0	2	0	0	0	0.698867	1	96829.71	7.22E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	21	0	2	0	0	0	0.034456	1	15274.46	2.26E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	61	0	1	0	0	0	0.000218	1	0.144853	0.001504	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	53	0	1	0	0	0	0.215601	1	2147.844	0.0001	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	52	0	1	0	0	0	3.348385	1	31810.32	0.000105	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	31	0	1	0	0	0	55.37402	1	1991965	2.78E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	46	15	21	0	1	0	0	0	32.83822	1	1950907	1.68E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	46	13	61	0	1	0	0	0	0.011197	1	0.144853	0.077296	g	mi
1	1	2024	1	5	8	0	0	0	0	46	13	53	0	1	0	0	0	8.363129	1	2147.844	0.003894	g	mi
1	1	2024	1	5	8	0	0	0	0	46	13	52	0	1	0	0	0	164.1492	1	31810.32	0.00516	g	mi
1	1	2024	1	5	8	0	0	0	0	46	13	31	0	1	0	0	0	7486.37	1	1991965	0.003758	g	mi
1	1	2024	1	5	8	0	0	0	0	46	13	21	0	1	0	0	0	5943.535	1	1950907	0.003047	g	mi
1	1	2024	1	5	8	0	0	0	0	46	12	61	0	1	0	0	0	0.021394	1	0.144853	0.147696	g	mi
1	1	2024	1	5	8	0	0	0	0	46	12	53	0	1	0	0	0	9.233172	1	2147.844	0.004299	g	mi
1	1	2024	1	5	8	0	0	0	0	46	12	52	0	1	0	0	0	71.45747	1	31810.32	0.002246	g	mi
1	1	2024	1	5	8	0	0	0	0	46	12	31	0	1	0	0	0	2633.006	1	1991965	0.001322	g	mi
1	1	2024	1	5	8	0	0	0	0	46	12	21	0	1	0	0	0	2866.222	1	1950907	0.001469	g	mi
1	1	2024	1	5	8	0	0	0	0	46	11	61	0	1	0	0	0	0.0003	1	0.144853	0.002074	g	mi
1	1	2024	1	5	8	0	0	0	0	46	11	53	0	1	0	0	0	0.158396	1	2147.844	7.37E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	46	11	52	0	1	0	0	0	3.288316	1	31810.32	0.000103	g	mi
1	1	2024	1	5	8	0	0	0	0	46	11	31	0	1	0	0	0	95.58236	1	1991965	4.8E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	46	11	21	0	1	0	0	0	89.36526	1	1950907	4.58E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	62	0	2	0	0	0	785.9227	1	163936.9	0.004794	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	61	0	2	0	0	0	249.9049	1	46931.15	0.005325	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	53	0	2	0	0	0	13.34999	1	7957.417	0.001678	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	52	0	2	0	0	0	219.5863	1	118022.8	0.001861	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	31	0	2	0	0	0	129.5031	1	96829.71	0.001337	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	21	0	2	0	0	0	21.51781	1	15274.46	0.001409	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	61	0	1	0	0	0	0.016504	1	0.144853	0.113939	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	53	0	1	0	0	0	16.33341	1	2147.844	0.007605	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	52	0	1	0	0	0	253.6658	1	31810.32	0.007974	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	31	0	1	0	0	0	4195.006	1	1991965	0.002106	g	mi
1	1	2024	1	5	8	0	0	0	0	46	1	21	0	1	0	0	0	2487.746	1	1950907	0.001275	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	62	0	2	0	0	0	73.73969	1	163936.9	0.00045	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	61	0	2	0	0	0	22.60473	1	46931.15	0.000482	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	53	0	2	0	0	0	0.84994	1	7957.417	0.000107	g	mi

1	1	2024	1	5	8	0	0	0	0	45	15	52	0	2	0	0	0	15.1857	1	118022.8	0.000129	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	31	0	2	0	0	0	0.678959	1	96829.71	7.01E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	21	0	2	0	0	0	0.010476	1	15274.46	6.86E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	61	0	1	0	0	0	0.000268	1	0.144853	0.001852	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	53	0	1	0	0	0	0.265319	1	2147.844	0.000124	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	52	0	1	0	0	0	4.120296	1	31810.32	0.00013	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	31	0	1	0	0	0	68.15874	1	1991965	3.42E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	45	15	21	0	1	0	0	0	40.41726	1	1950907	2.07E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	45	13	61	0	1	0	0	0	0.024991	1	0.144853	0.172524	g	mi
1	1	2024	1	5	8	0	0	0	0	45	13	53	0	1	0	0	0	18.66632	1	2147.844	0.008691	g	mi
1	1	2024	1	5	8	0	0	0	0	45	13	52	0	1	0	0	0	366.3764	1	31810.32	0.011518	g	mi
1	1	2024	1	5	8	0	0	0	0	45	13	31	0	1	0	0	0	16709.44	1	1991965	0.008388	g	mi
1	1	2024	1	5	8	0	0	0	0	45	13	21	0	1	0	0	0	13265.84	1	1950907	0.0068	g	mi
1	1	2024	1	5	8	0	0	0	0	45	12	61	0	1	0	0	0	0.047752	1	0.144853	0.329655	g	mi
1	1	2024	1	5	8	0	0	0	0	45	12	53	0	1	0	0	0	20.6082	1	2147.844	0.009595	g	mi
1	1	2024	1	5	8	0	0	0	0	45	12	52	0	1	0	0	0	159.4915	1	31810.32	0.005014	g	mi
1	1	2024	1	5	8	0	0	0	0	45	12	31	0	1	0	0	0	5876.82	1	1991965	0.00295	g	mi
1	1	2024	1	5	8	0	0	0	0	45	12	21	0	1	0	0	0	6397.33	1	1950907	0.003279	g	mi
1	1	2024	1	5	8	0	0	0	0	45	11	61	0	1	0	0	0	0.002758	1	0.144853	0.019039	g	mi
1	1	2024	1	5	8	0	0	0	0	45	11	53	0	1	0	0	0	1.454364	1	2147.844	0.000677	g	mi
1	1	2024	1	5	8	0	0	0	0	45	11	52	0	1	0	0	0	30.19272	1	31810.32	0.000949	g	mi
1	1	2024	1	5	8	0	0	0	0	45	11	31	0	1	0	0	0	877.6197	1	1991965	0.000441	g	mi
1	1	2024	1	5	8	0	0	0	0	45	11	21	0	1	0	0	0	820.5358	1	1950907	0.000421	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	62	0	2	0	0	0	205.727	1	163936.9	0.001255	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	61	0	2	0	0	0	62.56253	1	46931.15	0.001333	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	53	0	2	0	0	0	4.795355	1	7957.417	0.000603	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	52	0	2	0	0	0	78.58125	1	118022.8	0.000666	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	31	0	2	0	0	0	66.63611	1	96829.71	0.000688	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	21	0	2	0	0	0	5.060412	1	15274.46	0.000331	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	61	0	1	0	0	0	0.020318	1	0.144853	0.140268	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	53	0	1	0	0	0	20.09989	1	2147.844	0.009358	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	52	0	1	0	0	0	312.1435	1	31810.32	0.009813	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	31	0	1	0	0	0	5163.546	1	1991965	0.002592	g	mi
1	1	2024	1	5	8	0	0	0	0	45	1	21	0	1	0	0	0	3061.914	1	1950907	0.001569	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	62	0	2	0	0	0	12.23549	1	163936.9	7.46E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	61	0	2	0	0	0	3.740233	1	46931.15	7.97E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	53	0	2	0	0	0	0.194691	1	7957.417	2.45E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	52	0	2	0	0	0	3.214031	1	118022.8	2.72E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	31	0	2	0	0	0	0.701463	1	96829.71	7.24E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	21	0	2	0	0	0	0.004743	1	15274.46	3.11E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	61	0	1	0	0	0	2.65E-06	1	0.144853	1.83E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	53	0	1	0	0	0	0.002161	1	2147.844	1.01E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	52	0	1	0	0	0	0.032447	1	31810.32	1.02E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	31	0	1	0	0	0	0.624815	1	1991965	3.14E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	43	15	21	0	1	0	0	0	0.358702	1	1950907	1.84E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	62	0	2	0	0	0	61.9369	1	163936.9	0.000378	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	61	0	2	0	0	0	17.24693	1	46931.15	0.000367	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	53	0	2	0	0	0	2.622406	1	7957.417	0.00033	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	52	0	2	0	0	0	40.18313	1	118022.8	0.00034	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	31	0	2	0	0	0	50.14541	1	96829.71	0.000518	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	21	0	2	0	0	0	1.024189	1	15274.46	6.71E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	61	0	1	0	0	0	0.000201	1	0.144853	0.001388	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	53	0	1	0	0	0	0.163687	1	2147.844	7.62E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	52	0	1	0	0	0	2.458106	1	31810.32	7.73E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	31	0	1	0	0	0	47.33449	1	1991965	2.38E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	43	1	21	0	1	0	0	0	27.17439	1	1950907	1.39E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	62	0	2	0	0	0	5.450825	1	163936.9	3.32E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	61	0	2	0	0	0	1.515911	1	46931.15	3.23E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	53	0	2	0	0	0	0.095302	1	7957.417	1.2E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	52	0	2	0	0	0	1.766909	1	118022.8	1.5E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	31	0	2	0	0	0	0.295804	1	96829.71	3.05E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	21	0	2	0	0	0	0.001937	1	15274.46	1.27E-07	g	mi

1	1	2024	1	5	8	0	0	0	0	42	15	61	0	1	0	0	0	5.02E-05	1	0.144853	0.000347	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	53	0	1	0	0	0	0.085612	1	2147.844	3.99E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	52	0	1	0	0	0	1.415281	1	31810.32	4.45E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	31	0	1	0	0	0	16.59127	1	1991965	8.33E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	42	15	21	0	1	0	0	0	10.75271	1	1950907	5.51E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	42	13	61	0	1	0	0	0	0.004421	1	0.144853	0.030519	g	mi
1	1	2024	1	5	8	0	0	0	0	42	13	53	0	1	0	0	0	3.302022	1	2147.844	0.001537	g	mi
1	1	2024	1	5	8	0	0	0	0	42	13	52	0	1	0	0	0	64.81108	1	31810.32	0.002037	g	mi
1	1	2024	1	5	8	0	0	0	0	42	13	31	0	1	0	0	0	2955.853	1	1991965	0.001484	g	mi
1	1	2024	1	5	8	0	0	0	0	42	13	21	0	1	0	0	0	2346.691	1	1950907	0.001203	g	mi
1	1	2024	1	5	8	0	0	0	0	42	12	61	0	1	0	0	0	0.008447	1	0.144853	0.058315	g	mi
1	1	2024	1	5	8	0	0	0	0	42	12	53	0	1	0	0	0	3.645545	1	2147.844	0.001697	g	mi
1	1	2024	1	5	8	0	0	0	0	42	12	52	0	1	0	0	0	28.21366	1	31810.32	0.000887	g	mi
1	1	2024	1	5	8	0	0	0	0	42	12	31	0	1	0	0	0	1039.594	1	1991965	0.000522	g	mi
1	1	2024	1	5	8	0	0	0	0	42	12	21	0	1	0	0	0	1131.671	1	1950907	0.00058	g	mi
1	1	2024	1	5	8	0	0	0	0	42	11	61	0	1	0	0	0	0.001775	1	0.144853	0.012253	g	mi
1	1	2024	1	5	8	0	0	0	0	42	11	53	0	1	0	0	0	0.935977	1	2147.844	0.000436	g	mi
1	1	2024	1	5	8	0	0	0	0	42	11	52	0	1	0	0	0	19.43102	1	31810.32	0.000611	g	mi
1	1	2024	1	5	8	0	0	0	0	42	11	31	0	1	0	0	0	564.8048	1	1991965	0.000284	g	mi
1	1	2024	1	5	8	0	0	0	0	42	11	21	0	1	0	0	0	528.0676	1	1950907	0.000271	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	62	0	2	0	0	0	25.08772	1	163936.9	0.000153	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	61	0	2	0	0	0	6.739357	1	46931.15	0.000144	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	53	0	2	0	0	0	1.110436	1	7957.417	0.00014	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	52	0	2	0	0	0	17.42478	1	118022.8	0.000148	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	31	0	2	0	0	0	21.46592	1	96829.71	0.000222	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	21	0	2	0	0	0	0.390929	1	15274.46	2.56E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	61	0	1	0	0	0	0.003804	1	0.144853	0.026259	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	53	0	1	0	0	0	6.485767	1	2147.844	0.00302	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	52	0	1	0	0	0	107.2183	1	31810.32	0.003371	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	31	0	1	0	0	0	1256.915	1	1991965	0.000631	g	mi
1	1	2024	1	5	8	0	0	0	0	42	1	21	0	1	0	0	0	814.598	1	1950907	0.000418	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	62	0	2	0	0	0	41.0296	1	163936.9	0.00025	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	61	0	2	0	0	0	12.96733	1	46931.15	0.000276	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	53	0	2	0	0	0	0.449998	1	7957.417	5.66E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	52	0	2	0	0	0	7.571807	1	118022.8	6.42E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	31	0	2	0	0	0	0.413278	1	96829.71	4.27E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	21	0	2	0	0	0	0.006245	1	15274.46	4.09E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	61	0	1	0	0	0	5.99E-05	1	0.144853	0.000413	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	53	0	1	0	0	0	0.059202	1	2147.844	2.76E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	52	0	1	0	0	0	0.919364	1	31810.32	2.89E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	31	0	1	0	0	0	15.21007	1	1991965	7.64E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	15	21	0	1	0	0	0	9.019146	1	1950907	4.62E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	13	61	0	1	0	0	0	0.003	1	0.144853	0.020711	g	mi
1	1	2024	1	5	8	0	0	0	0	41	13	53	0	1	0	0	0	2.240841	1	2147.844	0.001043	g	mi
1	1	2024	1	5	8	0	0	0	0	41	13	52	0	1	0	0	0	43.98262	1	31810.32	0.001383	g	mi
1	1	2024	1	5	8	0	0	0	0	41	13	31	0	1	0	0	0	2005.92	1	1991965	0.001007	g	mi
1	1	2024	1	5	8	0	0	0	0	41	13	21	0	1	0	0	0	1592.53	1	1950907	0.000816	g	mi
1	1	2024	1	5	8	0	0	0	0	41	12	61	0	1	0	0	0	0.005732	1	0.144853	0.039574	g	mi
1	1	2024	1	5	8	0	0	0	0	41	12	53	0	1	0	0	0	2.473967	1	2147.844	0.001152	g	mi
1	1	2024	1	5	8	0	0	0	0	41	12	52	0	1	0	0	0	19.14657	1	31810.32	0.000602	g	mi
1	1	2024	1	5	8	0	0	0	0	41	12	31	0	1	0	0	0	705.4964	1	1991965	0.000354	g	mi
1	1	2024	1	5	8	0	0	0	0	41	12	21	0	1	0	0	0	767.9839	1	1950907	0.000394	g	mi
1	1	2024	1	5	8	0	0	0	0	41	11	61	0	1	0	0	0	2.73E-05	1	0.144853	0.000189	g	mi
1	1	2024	1	5	8	0	0	0	0	41	11	53	0	1	0	0	0	0.0144	1	2147.844	6.7E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	11	52	0	1	0	0	0	0.298938	1	31810.32	9.4E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	11	31	0	1	0	0	0	8.689311	1	1991965	4.36E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	11	21	0	1	0	0	0	8.124111	1	1950907	4.16E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	62	0	2	0	0	0	120.5943	1	163936.9	0.000736	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	61	0	2	0	0	0	37.16678	1	46931.15	0.000792	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	53	0	2	0	0	0	2.793962	1	7957.417	0.000351	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	52	0	2	0	0	0	44.60032	1	118022.8	0.000378	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	31	0	2	0	0	0	38.82523	1	96829.71	0.000401	g	mi

1	1	2024	1	5	8	0	0	0	0	41	1	21	0	2	0	0	0	2.982594	1	15274.46	0.000195	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	61	0	1	0	0	0	0.004534	1	0.144853	0.031304	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	53	0	1	0	0	0	4.485018	1	2147.844	0.002088	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	52	0	1	0	0	0	69.64883	1	31810.32	0.00219	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	31	0	1	0	0	0	1152.278	1	1991965	0.000578	g	mi
1	1	2024	1	5	8	0	0	0	0	41	1	21	0	1	0	0	0	683.2692	1	1950907	0.00035	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	62	0	2	0	0	0	18.48359	1	163936.9	0.000113	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	61	0	2	0	0	0	5.640517	1	46931.15	0.00012	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	53	0	2	0	0	0	0.224426	1	7957.417	2.82E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	52	0	2	0	0	0	3.988896	1	118022.8	3.38E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	31	0	2	0	0	0	0.277655	1	96829.71	2.87E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	21	0	2	0	0	0	0.00316	1	15274.46	2.07E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	61	0	1	0	0	0	5.71E-05	1	0.144853	0.000394	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	53	0	1	0	0	0	0.048029	1	2147.844	2.24E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	52	0	1	0	0	0	0.725737	1	31810.32	2.28E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	31	0	1	0	0	0	13.60684	1	1991965	6.83E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	40	15	21	0	1	0	0	0	7.854008	1	1950907	4.03E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	40	13	61	0	1	0	0	0	0.005847	1	0.144853	0.040363	g	mi
1	1	2024	1	5	8	0	0	0	0	40	13	53	0	1	0	0	0	4.367103	1	2147.844	0.002033	g	mi
1	1	2024	1	5	8	0	0	0	0	40	13	52	0	1	0	0	0	85.71625	1	31810.32	0.002695	g	mi
1	1	2024	1	5	8	0	0	0	0	40	13	31	0	1	0	0	0	3909.273	1	1991965	0.001963	g	mi
1	1	2024	1	5	8	0	0	0	0	40	13	21	0	1	0	0	0	3103.627	1	1950907	0.001591	g	mi
1	1	2024	1	5	8	0	0	0	0	40	12	61	0	1	0	0	0	0.011172	1	0.144853	0.077125	g	mi
1	1	2024	1	5	8	0	0	0	0	40	12	53	0	1	0	0	0	4.821429	1	2147.844	0.002245	g	mi
1	1	2024	1	5	8	0	0	0	0	40	12	52	0	1	0	0	0	37.31409	1	31810.32	0.001173	g	mi
1	1	2024	1	5	8	0	0	0	0	40	12	31	0	1	0	0	0	1374.92	1	1991965	0.00069	g	mi
1	1	2024	1	5	8	0	0	0	0	40	12	21	0	1	0	0	0	1496.695	1	1950907	0.000767	g	mi
1	1	2024	1	5	8	0	0	0	0	40	11	61	0	1	0	0	0	0.000655	1	0.144853	0.004524	g	mi
1	1	2024	1	5	8	0	0	0	0	40	11	53	0	1	0	0	0	0.345592	1	2147.844	0.000161	g	mi
1	1	2024	1	5	8	0	0	0	0	40	11	52	0	1	0	0	0	7.174512	1	31810.32	0.000226	g	mi
1	1	2024	1	5	8	0	0	0	0	40	11	31	0	1	0	0	0	208.5434	1	1991965	0.000105	g	mi
1	1	2024	1	5	8	0	0	0	0	40	11	21	0	1	0	0	0	194.9784	1	1950907	9.99E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	62	0	2	0	0	0	56.37221	1	163936.9	0.000344	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	61	0	2	0	0	0	16.81742	1	46931.15	0.000358	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	53	0	2	0	0	0	1.534465	1	7957.417	0.000193	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	52	0	2	0	0	0	24.69752	1	118022.8	0.000209	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	31	0	2	0	0	0	23.87422	1	96829.71	0.000247	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	21	0	2	0	0	0	1.292681	1	15274.46	8.46E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	61	0	1	0	0	0	0.004324	1	0.144853	0.029854	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	53	0	1	0	0	0	3.638575	1	2147.844	0.001694	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	52	0	1	0	0	0	54.98006	1	31810.32	0.001728	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	31	0	1	0	0	0	1030.822	1	1991965	0.000517	g	mi
1	1	2024	1	5	8	0	0	0	0	40	1	21	0	1	0	0	0	595	1	1950907	0.000305	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	62	0	2	0	0	0	898.053	1	163936.9	0.005478	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	61	0	2	0	0	0	259.9541	1	46931.15	0.005539	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	53	0	2	0	0	0	25.08813	1	7957.417	0.003153	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	52	0	2	0	0	0	397.2785	1	118022.8	0.003366	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	31	0	2	0	0	0	157.6731	1	96829.71	0.001628	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	21	0	2	0	0	0	15.68172	1	15274.46	0.001027	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	61	0	1	0	0	0	0.001571	1	0.144853	0.010848	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	53	0	1	0	0	0	14.81233	1	2147.844	0.006896	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	52	0	1	0	0	0	229.6775	1	31810.32	0.00722	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	31	0	1	0	0	0	5207.729	1	1991965	0.002614	g	mi
1	1	2024	1	5	8	0	0	0	0	31	1	21	0	1	0	0	0	3856.133	1	1950907	0.001977	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	62	0	2	0	0	0	17.50736	1	163936.9	0.000107	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	61	0	2	0	0	0	5.141891	1	46931.15	0.00011	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	53	0	2	0	0	0	0.291684	1	7957.417	3.67E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	52	0	2	0	0	0	5.081131	1	118022.8	4.31E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	31	0	2	0	0	0	0.993121	1	96829.71	1.03E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	21	0	2	0	0	0	0.006607	1	15274.46	4.33E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	61	0	1	0	0	0	2.01E-06	1	0.144853	1.39E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	53	0	1	0	0	0	0.002481	1	2147.844	1.16E-06	g	mi

1	1	2024	1	5	8	0	0	0	0	27	15	52	0	1	0	0	0	0.039871	1	31810.32	1.25E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	31	0	1	0	0	0	0.559333	1	1991965	2.81E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	27	15	21	0	1	0	0	0	0.343542	1	1950907	1.76E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	62	0	2	0	0	0	85.73022	1	163936.9	0.000523	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	61	0	2	0	0	0	23.5097	1	46931.15	0.000501	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	53	0	2	0	0	0	3.711066	1	7957.417	0.000466	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	52	0	2	0	0	0	57.41765	1	118022.8	0.000486	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	31	0	2	0	0	0	71.37641	1	96829.71	0.000737	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	21	0	2	0	0	0	1.378338	1	15274.46	9.02E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	61	0	1	0	0	0	0.000152	1	0.144853	0.001051	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	53	0	1	0	0	0	0.187952	1	2147.844	8.75E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	52	0	1	0	0	0	3.020495	1	31810.32	9.5E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	31	0	1	0	0	0	42.37372	1	1991965	2.13E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	27	1	21	0	1	0	0	0	26.02584	1	1950907	1.33E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	62	0	2	0	0	0	175.506	1	163936.9	0.001071	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	61	0	2	0	0	0	53.3589	1	46931.15	0.001137	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	53	0	2	0	0	0	2.390199	1	7957.417	0.0003	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	52	0	2	0	0	0	41.45322	1	118022.8	0.000351	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	31	0	2	0	0	0	5.370308	1	96829.71	5.55E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	21	0	2	0	0	0	0.043868	1	15274.46	2.87E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	61	0	1	0	0	0	3.98E-05	1	0.144853	0.000275	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	53	0	1	0	0	0	0.03342	1	2147.844	1.56E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	52	0	1	0	0	0	0.498698	1	31810.32	1.57E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	31	0	1	0	0	0	9.628909	1	1991965	4.83E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	26	15	21	0	1	0	0	0	5.581549	1	1950907	2.86E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	62	0	2	0	0	0	662.6393	1	163936.9	0.004042	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	61	0	2	0	0	0	190.8179	1	46931.15	0.004066	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	53	0	2	0	0	0	23.0458	1	7957.417	0.002896	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	52	0	2	0	0	0	360.836	1	118022.8	0.003057	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	31	0	2	0	0	0	408.4203	1	96829.71	0.004218	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	21	0	2	0	0	0	13.07112	1	15274.46	0.000856	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	61	0	1	0	0	0	0.003019	1	0.144853	0.020838	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	53	0	1	0	0	0	2.531844	1	2147.844	0.001179	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	52	0	1	0	0	0	37.78018	1	31810.32	0.001188	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	31	0	1	0	0	0	729.4631	1	1991965	0.000366	g	mi
1	1	2024	1	5	8	0	0	0	0	26	1	21	0	1	0	0	0	422.8442	1	1950907	0.000217	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	62	0	2	0	0	0	186.3326	1	163936.9	0.001137	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	61	0	2	0	0	0	50.34897	1	46931.15	0.001073	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	53	0	2	0	0	0	3.502205	1	7957.417	0.00044	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	52	0	2	0	0	0	65.70918	1	118022.8	0.000557	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	31	0	2	0	0	0	11.73295	1	96829.71	0.000121	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	21	0	2	0	0	0	0.073626	1	15274.46	4.82E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	61	0	1	0	0	0	4.27E-05	1	0.144853	0.000295	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	53	0	1	0	0	0	0.056834	1	2147.844	2.65E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	52	0	1	0	0	0	0.923318	1	31810.32	2.9E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	31	0	1	0	0	0	12.27027	1	1991965	6.16E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	25	15	21	0	1	0	0	0	7.622373	1	1950907	3.91E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	62	0	2	0	0	0	917.7122	1	163936.9	0.005598	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	61	0	2	0	0	0	242.1086	1	46931.15	0.005159	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	53	0	2	0	0	0	42.93101	1	7957.417	0.005395	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	52	0	2	0	0	0	673.1942	1	118022.8	0.005704	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	31	0	2	0	0	0	843.6666	1	96829.71	0.008713	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	21	0	2	0	0	0	13.29607	1	15274.46	0.00087	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	61	0	1	0	0	0	0.003236	1	0.144853	0.022338	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	53	0	1	0	0	0	4.305591	1	2147.844	0.002005	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	52	0	1	0	0	0	69.94836	1	31810.32	0.002199	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	31	0	1	0	0	0	929.5665	1	1991965	0.000467	g	mi
1	1	2024	1	5	8	0	0	0	0	25	1	21	0	1	0	0	0	577.4517	1	1950907	0.000296	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	62	0	2	0	0	0	1.084895	1	163936.9	6.62E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	61	0	2	0	0	0	0.259953	1	46931.15	5.54E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	53	0	2	0	0	0	0.055536	1	7957.417	6.98E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	52	0	2	0	0	0	0.876969	1	118022.8	7.43E-06	g	mi

1	1	2024	1	5	8	0	0	0	0	24	15	31	0	2	0	0	0	0.434356	1	96829.71	4.49E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	21	0	2	0	0	0	0.002281	1	15274.46	1.49E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	61	0	1	0	0	0	1.45E-05	1	0.144853	0.0001	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	53	0	1	0	0	0	0.004857	1	2147.844	2.26E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	52	0	1	0	0	0	0.046304	1	31810.32	1.46E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	31	0	1	0	0	0	2.826648	1	1991965	1.42E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	24	15	21	0	1	0	0	0	1.461312	1	1950907	7.49E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	62	0	2	0	0	0	22.32252	1	163936.9	0.000136	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	61	0	2	0	0	0	5.545459	1	46931.15	0.000118	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	53	0	2	0	0	0	1.384507	1	7957.417	0.000174	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	52	0	2	0	0	0	20.8462	1	118022.8	0.000177	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	31	0	2	0	0	0	29.2539	1	96829.71	0.000302	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	21	0	2	0	0	0	0.181493	1	15274.46	1.19E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	61	0	1	0	0	0	0.001099	1	0.144853	0.007585	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	53	0	1	0	0	0	0.367948	1	2147.844	0.000171	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	52	0	1	0	0	0	3.507888	1	31810.32	0.00011	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	31	0	1	0	0	0	214.1397	1	1991965	0.000108	g	mi
1	1	2024	1	5	8	0	0	0	0	24	1	21	0	1	0	0	0	110.7055	1	1950907	5.67E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	62	0	2	0	0	0	6.570224	1	163936.9	4.01E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	61	0	2	0	0	0	1.471512	1	46931.15	3.14E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	53	0	2	0	0	0	0.211779	1	7957.417	2.66E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	52	0	2	0	0	0	3.891402	1	118022.8	3.3E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	31	0	2	0	0	0	1.169076	1	96829.71	1.21E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	21	0	2	0	0	0	0.006276	1	15274.46	4.11E-07	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	61	0	1	0	0	0	9.37E-05	1	0.144853	0.000647	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	53	0	1	0	0	0	0.13711	1	2147.844	6.38E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	52	0	1	0	0	0	2.255398	1	31810.32	7.09E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	31	0	1	0	0	0	28.07933	1	1991965	1.41E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	15	21	0	1	0	0	0	17.69518	1	1950907	9.07E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	20	13	61	0	1	0	0	0	0.000292	1	0.144853	0.002014	g	mi
1	1	2024	1	5	8	0	0	0	0	20	13	53	0	1	0	0	0	0.21789	1	2147.844	0.000101	g	mi
1	1	2024	1	5	8	0	0	0	0	20	13	52	0	1	0	0	0	4.276688	1	31810.32	0.000134	g	mi
1	1	2024	1	5	8	0	0	0	0	20	13	31	0	1	0	0	0	195.0477	1	1991965	9.79E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	13	21	0	1	0	0	0	154.8509	1	1950907	7.94E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	12	61	0	1	0	0	0	0.000557	1	0.144853	0.003848	g	mi
1	1	2024	1	5	8	0	0	0	0	20	12	53	0	1	0	0	0	0.240558	1	2147.844	0.000112	g	mi
1	1	2024	1	5	8	0	0	0	0	20	12	52	0	1	0	0	0	1.861735	1	31810.32	5.85E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	12	31	0	1	0	0	0	68.59958	1	1991965	3.44E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	12	21	0	1	0	0	0	74.67557	1	1950907	3.83E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	11	61	0	1	0	0	0	6.88E-05	1	0.144853	0.000475	g	mi
1	1	2024	1	5	8	0	0	0	0	20	11	53	0	1	0	0	0	0.03626	1	2147.844	1.69E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	11	52	0	1	0	0	0	0.752769	1	31810.32	2.37E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	11	31	0	1	0	0	0	21.88098	1	1991965	1.1E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	11	21	0	1	0	0	0	20.45766	1	1950907	1.05E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	62	0	2	0	0	0	64.71599	1	163936.9	0.000395	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	61	0	2	0	0	0	15.90088	1	46931.15	0.000339	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	53	0	2	0	0	0	3.845602	1	7957.417	0.000483	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	52	0	2	0	0	0	59.12492	1	118022.8	0.000501	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	31	0	2	0	0	0	80.34655	1	96829.71	0.00083	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	21	0	2	0	0	0	0.589702	1	15274.46	3.86E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	61	0	1	0	0	0	0.007102	1	0.144853	0.049027	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	53	0	1	0	0	0	10.3871	1	2147.844	0.004836	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	52	0	1	0	0	0	170.8636	1	31810.32	0.005371	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	31	0	1	0	0	0	2127.225	1	1991965	0.001068	g	mi
1	1	2024	1	5	8	0	0	0	0	20	1	21	0	1	0	0	0	1340.543	1	1950907	0.000687	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	62	0	2	0	0	0	359.6843	1	163936.9	0.002194	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	61	0	2	0	0	0	140.2226	1	46931.15	0.002988	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	53	0	2	0	0	0	25.39356	1	7957.417	0.003191	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	52	0	2	0	0	0	395.7623	1	118022.8	0.003353	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	31	0	2	0	0	0	218.3005	1	96829.71	0.002254	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	21	0	2	0	0	0	9.22975	1	15274.46	0.000604	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	61	0	1	0	0	0	0.003528	1	0.144853	0.024359	g	mi

1	1	2024	1	5	8	0	0	0	0	6	1	53	0	1	0	0	0	15.39089	1	2147.844	0.007166	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	52	0	1	0	0	0	237.6237	1	31810.32	0.00747	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	31	0	1	0	0	0	5466.356	1	1991965	0.002744	g	mi
1	1	2024	1	5	8	0	0	0	0	6	1	21	0	1	0	0	0	3327.98	1	1950907	0.001706	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	62	0	2	0	0	0	97.22243	1	163936.9	0.000593	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	61	0	2	0	0	0	23.32515	1	46931.15	0.000497	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	53	0	2	0	0	0	1.846627	1	7957.417	0.000232	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	52	0	2	0	0	0	40.5264	1	118022.8	0.000343	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	31	0	2	0	0	0	1.221228	1	96829.71	1.26E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	21	0	2	0	0	0	0.247721	1	15274.46	1.62E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	61	0	1	0	0	0	0.000527	1	0.144853	0.003637	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	53	0	1	0	0	0	0.576686	1	2147.844	0.000268	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	52	0	1	0	0	0	9.088325	1	31810.32	0.000286	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	31	0	1	0	0	0	229.9526	1	1991965	0.000115	g	mi
1	1	2024	1	5	8	0	0	0	0	5	15	21	0	1	0	0	0	164.5002	1	1950907	8.43E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	62	0	2	0	0	0	2940.697	1	163936.9	0.017938	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	61	0	2	0	0	0	875.6896	1	46931.15	0.018659	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	53	0	2	0	0	0	96.48972	1	7957.417	0.012126	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	52	0	2	0	0	0	1687.312	1	118022.8	0.014296	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	31	0	2	0	0	0	825.1543	1	96829.71	0.008522	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	21	0	2	0	0	0	167.379	1	15274.46	0.010958	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	61	0	1	0	0	0	0.039907	1	0.144853	0.275497	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	53	0	1	0	0	0	43.68841	1	2147.844	0.020341	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	52	0	1	0	0	0	688.5093	1	31810.32	0.021644	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	31	0	1	0	0	0	17420.67	1	1991965	0.008745	g	mi
1	1	2024	1	5	8	0	0	0	0	5	1	21	0	1	0	0	0	12462.13	1	1950907	0.006388	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	62	0	2	0	0	0	8531.658	1	163936.9	0.052042	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	61	0	2	0	0	0	2622.884	1	46931.15	0.055888	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	53	0	2	0	0	0	102.7608	1	7957.417	0.012914	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	52	0	2	0	0	0	1676.58	1	118022.8	0.014206	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	31	0	2	0	0	0	22.17039	1	96829.71	0.000229	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	21	0	2	0	0	0	0.112174	1	15274.46	7.34E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	61	0	1	0	0	0	3.58E-05	1	0.144853	0.000247	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	53	0	1	0	0	0	0.024937	1	2147.844	1.16E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	52	0	1	0	0	0	0.361016	1	31810.32	1.13E-05	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	31	0	1	0	0	0	13.44413	1	1991965	6.75E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	3	15	21	0	1	0	0	0	6.261529	1	1950907	3.21E-06	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	62	0	2	0	0	0	697458	1	163936.9	4.254429	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	61	0	2	0	0	0	195546.7	1	46931.15	4.166671	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	53	0	2	0	0	0	13631	1	7957.417	1.712993	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	52	0	2	0	0	0	220622.5	1	118022.8	1.869321	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	31	0	2	0	0	0	77104.67	1	96829.71	0.796291	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	21	0	2	0	0	0	957.5466	1	15274.46	0.062689	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	61	0	1	0	0	0	0.895214	1	0.144853	6.180151	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	53	0	1	0	0	0	623.4172	1	2147.844	0.290253	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	52	0	1	0	0	0	9025.379	1	31810.32	0.283725	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	31	0	1	0	0	0	336102.6	1	1991965	0.168729	g	mi
1	1	2024	1	5	8	0	0	0	0	3	1	21	0	1	0	0	0	156538	1	1950907	0.080239	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	62	0	2	0	0	0	3388.495	1	163936.9	0.02067	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	61	0	2	0	0	0	798.5765	1	46931.15	0.017016	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	53	0	2	0	0	0	70.17368	1	7957.417	0.008819	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	52	0	2	0	0	0	1339.346	1	118022.8	0.011348	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	31	0	2	0	0	0	342.3512	1	96829.71	0.003536	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	21	0	2	0	0	0	27.05405	1	15274.46	0.001771	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	61	0	1	0	0	0	0.008475	1	0.144853	0.058508	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	53	0	1	0	0	0	7.128536	1	2147.844	0.003319	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	52	0	1	0	0	0	110.9963	1	31810.32	0.003489	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	31	0	1	0	0	0	2489.251	1	1991965	0.00125	g	mi
1	1	2024	1	5	8	0	0	0	0	2	15	21	0	1	0	0	0	1998.811	1	1950907	0.001025	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	62	0	2	0	0	0	338385.1	1	163936.9	2.064117	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	61	0	2	0	0	0	93543.92	1	46931.15	1.993216	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	53	0	2	0	0	0	8871.08	1	7957.417	1.114819	g	mi

1	1	2024	1	5	8	0	0	0	0	2	1	52	0	2	0	0	0	139241.1	1	118022.8	1.179781	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	31	0	2	0	0	0	121426.3	1	96829.71	1.254019	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	21	0	2	0	0	0	37372.3	1	15274.46	2.446718	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	61	0	1	0	0	0	16.29819	1	0.144853	112.5154	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	53	0	1	0	0	0	13708.73	1	2147.844	6.382554	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	52	0	1	0	0	0	213454.5	1	31810.32	6.710228	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	31	0	1	0	0	0	4787029	1	1991965	2.403169	g	mi
1	1	2024	1	5	8	0	0	0	0	2	1	21	0	1	0	0	0	3843853	1	1950907	1.97029	g	mi