

Annual 2024 Community Air Monitoring Report, Chiquita Canyon Landfill

Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, California 91384

SCS ENGINEERS

01204123.19 Task 7 | February 14, 2025

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
562-426-9544

Table of Contents

Section	Page
1.0 Chiquita Canyon Air Monitoring Summary.....	1
1.1 Monitoring Locations.....	1
1.2 Continuous Monitoring.....	1
1.3 Discrete Sampling.....	2
2.0 Air Monitoring Results.....	3
2.1 Continuous Monitoring Results.....	3
2.1.1 DPH Data Review and Commentary.....	4
2.2 Discrete Sampling Results.....	4
3.0 SCS CAMP recommendations.....	6

Tables

Table 1.	Summary of Air Quality Standards for Selected Air Pollutants.....	2
Table 2.	SCAQMD Rule 1150.1 Toxic Air Contaminant List	3
Table 3.	Annual PM 2.5 and PM 10 Continuous Air Monitoring Results.....	4
Table 4.	Monthly Sampling Results	5

Figures

Figure 1	Chiquita Canyon CAMP Map of Air Monitoring Stations
----------	---

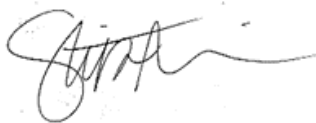
Appendices

Appendix A	Annual 2024 Community Air Monitoring Station Continuous Monitoring Data
Appendix B	Annual Laboratory Analysis Reports
Appendix C	OEHHA RELs for Acute Hazard Index Target Organ Systems

This Annual 2024 Community Air Monitoring Report for the Chiquita Canyon Landfill, located at 29201 Henry Mayo Drive, Castaic, California, was prepared and reviewed by the following:



Quincy Laris
Associate Professional
SCS ENGINEERS



Stipe Markotic
Staff Professional
SCS ENGINEERS



Raymond H. Huff, REPA
Project Director
SCS ENGINEERS

1.0 CHIQUITA CANYON AIR MONITORING SUMMARY

This Annual 2024 Community Air Monitoring Report (Report) has been prepared by SCS Engineers (SCS) in collaboration with Chiquita Canyon Landfill (CCL or Site), the Los Angeles County Department of Public Health (DPH), and the Los Angeles County Department of Public Works (PW), in regard to implementation of the Community Air Monitoring Program (CAMP), dated 2019. The Community Air Monitoring Program (CAMP) presents an overview of annual air monitoring reporting compiled from continuous air monitoring stations in the community surrounding the Site, and monthly discrete sampling at community air monitoring station locations during the reporting period.

The CAMP was prepared by SCS, in consultation with CCL, DPH and PW, in accordance with the 2019 Community Air Monitoring Plan (CAMP), which was prepared in order to identify locations, parameters, and procedures for implementation of continuous air monitoring in the community surrounding the Site. The CAMP was designed to incorporate the requirements of Condition 68 of CCL's Conditional Use Permit (CUP) issued by the County of Los Angeles (County).

As of October 2022, the CAMP is comprised of a network of twelve air monitoring stations (MS or Stations) with seven stations located throughout the community surrounding the Site (MS-06 through MS-12) and five stations located on-Site (MS-01 through MS-05) around the Site perimeter (the Site perimeter air monitoring stations serve as a reference for any off-site exceedances that may be detected). The air monitoring stations continuously monitor particulate matter with an aerodynamic diameter of ten (10) micrometers or less (PM_{10}), particulate matter with an aerodynamic diameter of 2.5 micrometers or less ($PM_{2.5}$), and hydrogen sulfide (H_2S); as well as wind direction and wind speed. The CAMP was fully implemented in September 2022.

The purpose of this report is to comply with the annual reporting requirements outlined in the CAMP and Condition 68 of the CUP. This report includes the following components:

- DPH data evaluation/recommendations of quarterly reports
- SCS determination of any exceedances of the applicable reporting thresholds
- SCS evaluation and recommendations for Program implementation

This section outlines the monitoring thresholds and provides additional detail for the analyses conducted during the reporting period.

1.1 MONITORING LOCATIONS

A map showing the location of the monitoring stations is included as **Figure 1**. As shown on Figure 1, MS-01 through MS-05 are located around the perimeter of the Site. MS-06 through MS-12 are located in the community surrounding the Site, and are the subject of this Report.

1.2 CONTINUOUS MONITORING

Table 1 summarizes the air quality exposure levels or standards that are used as a basis for analyzing the continuous air monitoring data at the community stations, MS-06 through MS-12.

The recommended *reporting analysis thresholds* for each of the continuously monitored air pollutants are highlighted in **bold text** in **Table 1**. The air monitoring stations that are deployed around the Site and in the community have detection limits that are well below the recommended notification levels (i.e., they can detect ambient concentration levels that are much lower than the

threshold levels recommended below). Short-term fluctuations in the ambient concentration of the monitored air pollutants around the Site and in the community are expected and will be reflected in the data.

Table 1. Summary of Air Quality Standards for Selected Air Pollutants

Air Quality Standard		PM _{2.5}	PM ₁₀
CAAQS	Annual Average	20 µg/m³	--
FEIR	Annual Average	--	1.0 µg/m³

Bold Text – Reporting Threshold

It should be noted that the reporting analysis thresholds are limited to the off-site monitoring stations. This means that if the thresholds are triggered on any off-site monitoring station (MS-06 through MS-12), additional analysis will be required, including review of data collected at the on-site monitoring stations (MS-01 through MS-05) during the exceedance event.

1.3 DISCRETE SAMPLING

On a monthly basis, a total of five air samples are collected at community air monitoring stations. Three samples are collected in the community surrounding the Site, with two samples collected from either side of CCL generally in line with the community monitor sampling locations for each month. The overall intent is to cover all monitoring stations within the surrounding community every quarter for the duration of the CAMP.

To achieve this goal, SCS has implemented the following monthly sampling rotation with three community air monitoring locations grouped together with two CCL monitoring locations in line from either side of CCL:

Rotation 1: Samples collected from northwest of CCL (MS-07, MS-08, and MS-12) with in line CCL samples located at MS-04 and MS-03.

Rotation 2: Samples collected from northeast of CCL (MS-06, MS-09, and MS-10) with in line CCL samples located at MS-01 and MS-02.

Rotation 3: Samples collected from northwest and southeast of CCL (MS-08, MS-11, and MS-12) with in line CCL samples located at MS-04 and MS-05.

Samples are collected and analyzed for the landfill gas (LFG) components listed in Table 1 of SCAQMD Rule 1150.1, the SCAQMD rule for monitoring emissions from landfills. Those chemicals are found in **Table 2** below.

Table 2. SCAQMD Rule 1150.1 Toxic Air Contaminant List

SCAQMD Rule 1150.1 Table 1 Constituents			
Benzene	1,1-Dichloroethane	Tetrachloroethylene	Trichloromethane
Benzyl chloride	1,2-Dichloroethane	Tetrachloromethane	Vinyl Chloride
Chlorobenzene	1,1-Dichloroethene	Toluene	Xylene
1,2-Dibromoethane	Dichloromethane	1,1,1-Trichloroethane	
Dichlorobenzene	Hydrogen Sulfide	Trichloroethylene	

For discrete sampling, reporting analysis thresholds chosen by DPH are the California Office of Health Hazard Assessment (OEHHA) Reference Exposure Levels (RELs) for Acute Hazard Index Target Organ Systems (Table 6.1 from the February 2015 Air Toxics Hot Spots Program Guidance Manual). The complete table is included as **Appendix C**. By definition, an acute REL is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups, exposed to that concentration (in units of micrograms per cubic meter or $\mu\text{g}/\text{m}^3$) for the specified exposure duration on an intermittent basis.

2.0 AIR MONITORING RESULTS

This section discusses the continuous monitoring and discrete sampling results for 2024.

2.1 CONTINUOUS MONITORING RESULTS

DPH has access to all continuous monitoring data recorded from the off-site monitors, which is reviewed routinely and on an as-needed basis if recorded values exceed the reporting thresholds in **Table 1**. If DPH observes reportable exceedances, DPH may request the on-site monitoring data (including wind direction and wind speed data), for the purposes of DPH's evaluations of reported exceedances. Upon request, SCS will provide DPH with the continuous monitoring data for all on-site monitors, for the time period of the exceedance plus one time increment prior to, and after, the exceedance start time. Any recommendations regarding the health and safety impact on nearby residents, schools and centers of employment or evaluation(s) of potential sources of air pollutants impacting ambient air quality made by DPH are included in this report.

Any exceedances of the 1-hour, 2-hour, or 24-hour reporting thresholds that occurred within the community air monitoring stations (MS-06 through MS-12) were reported in the First, Second, Third, and Fourth Quarter 2024 CAMP Air Monitoring Reports submitted on May 15, August 15, and November 15, 2024 and February 15, 2025, respectively. Each quarterly report provides additional detail into the type and duration of each exceedance and are available to the public at either of the following sites:

<https://chiquitacanyon.com/reports/landfill-reports/>

<https://planning.lacounty.gov/public-hearings-and-meetings/chiquita-canyon-landfill/documents/>

To determine the annual average of each off-site station, a daily average reading of each station is taken from January 1, 2024, through December 31, 2024, and is then averaged for the entire available data set. The daily averaged readings for each off-site station is included as **Appendix A**. A summary of the annual average $\text{PM}_{2.5}$ and PM_{10} results for each of the off-site monitoring stations can be found in **Table 3** below.

Table 3. Annual PM_{2.5} and PM₁₀ Continuous Air Monitoring Results

Monitoring Station No.	Installation Date	Annual PM _{2.5} (µg/m ³)	Annual PM ₁₀ (µg/m ³)
MS-06	June 2021	3.25	4.71
MS-07	July 2022	3.86	7.07
MS-08	June 2022	3.01	4.09
MS-09	September 2022	4.04	6.06
MS-10	June 2022	2.2	3.35
MS-11	October 2021	4.69	6.50
MS-12	July 2022	3.68	6.25

Bold text used to indicate exceedance of annual reporting thresholds.

As shown in **Table 3**, MS-06, MS-07, MS-08, MS-09, MS-10, MS-11, and MS-12 exceeded the PM₁₀ annual reporting threshold. Upon further review of the data provided in Appendix A, the majority of the averages that were over the threshold occurred when the average wind direction was from the southwest.

Please note that certain anomalous spikes in PM concentrations were detected seven (7) times over this period. Given the time over which they occurred (5-10 minutes before returning to pre-spike levels) and the concentrations occurring during such spikes (reaching millions of µg/m³), those detections were considered to be an invalid reading and were removed from the data set. After the invalid data was removed, the periods were re-averaged in these tables.

2.1.1 DPH Data Review and Commentary

On a monthly basis, SCS submits the monthly data to DPH for quarterly review and comment. Out of the 12 monthly data submittals for 2024, SCS has not received any comments from DPH regarding the continuous monitoring data results.

2.2 DISCRETE SAMPLING RESULTS

The results of the monthly sampling events that occurred during the reporting period are summarized in the First, Second, Third, and Fourth Quarter 2024 CAMP Air Monitoring Reports that are available to the public at the following sites:

<https://chiquitacanyon.com/reports/landfill-reports/>

<https://planning.lacounty.gov/public-hearings-and-meetings/chiquita-canyon-landfill/documents/>

During the 2024 reporting period, there were zero (0) community air monitoring stations that had exceedances of discrete sampling reporting thresholds. A summary of the monthly sampling results is included in **Table 4**. A copy of the monthly laboratory analysis reports for the reporting period can be found in **Appendix B**.

Table 4. Monthly Sampling Results

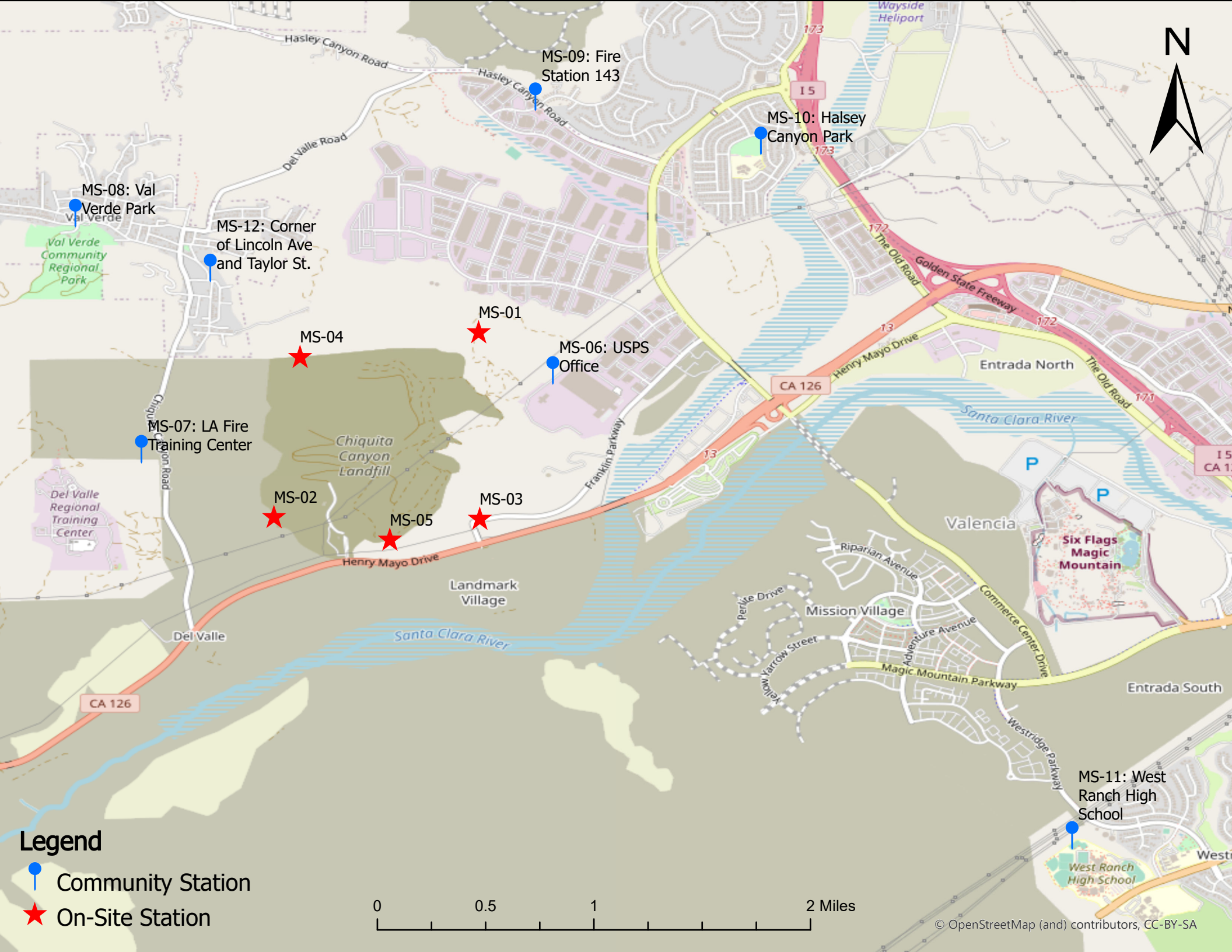
Sampling Location	Date/Time of Sample	SCAQMD Table 1 Compounds and CAS Numbers							
		Benzene 71-43-2	Methane 74-82-8	Toluene 108-88-3	m+p-xylenes 179601-23-1	o-xylenes 95-47-6	Perchloro- ethylene 127-18-4	Chloroform 67-66-3	Dichlorobenzenes 106-46-7
		(parts per billion by volume)							
MS-06	2/23/2024 7:52	0.2	1,760	1.65	0.15	<0.12	<0.10	<0.10	<0.30
	5/23/2024 7:06	0.17	1,960	0.5	0.7	0.38	<0.10	<0.10	<0.30
	8/23/2024 6:10	1.35	15,500	0.56	0.19	<0.12	0.19	<0.10	<0.30
	11/13/2024 12:50	0.24	1,560	0.28	0.37	0.18	<0.10	<0.10	0.36
MS-07	1/10/2024 0:00	0.35	2,290	0.68	0.12	<0.12	<0.10	<0.10	<0.30
	3/26/2024 15:28	0.32	1,770	0.65	0.23	0.12	<0.10	<0.10	<0.30
	4/10/2024 14:40	0.61	1,840	0.42	0.3	0.21	<0.10	<0.10	<0.30
	7/31/2024 6:54	0.24	1,920	0.84	0.51	0.2	0.17	0.14	<0.30
	10/9/2024 8:25	0.5	2,810	0.49	3.22	0.73	<0.10	<0.10	<0.30
	7/31/2024 6:54	0.24	1,920	0.84	0.51	0.2	0.17	0.14	<0.30
MS-08	1/10/2024 0:00	0.38	2,010	0.54	0.13	<0.12	<0.10	<0.10	<0.30
	3/26/2024 16:15	0.36	1,750	0.21	0.2	0.13	<0.10	<0.10	<0.30
	4/10/2024 15:00	0.4	1,830	0.35	0.31	0.21	<0.10	<0.10	<0.30
	6/27/2024 18:47	0.4	1,700	0.75	0.52	0.20	<0.10	<0.10	<0.30
	7/30/2024 19:56	0.23	1,670	0.64	0.5	0.20	0.12	<0.10	<0.30
	9/16/2024 11:41	0.44	1,630	0.19	<0.12	<0.12	<0.10	<0.10	<0.30
	10/9/2024 8:14	0.33	1,880	0.39	2.24	0.56	<0.10	<0.10	<0.30
	12/17/2024 13:50	0.19	1,610	0.84	1.08	0.42	<0.10	<0.10	<0.30
MS-09	2/23/2024 7:13	0.21	1,720	1.59	0.14	<0.12	<0.10	<0.10	<0.30
	5/23/2024 17:32	0.16	1,920	0.67	0.99	0.48	<0.10	<0.10	<0.30
	8/23/2024 5:42	0.4	2,060	0.52	0.18	<0.10	0.18	<0.10	<0.30
	11/13/2024 13:02	0.17	1,810	0.19	0.23	0.12	<0.10	<0.10	<0.30
MS-10	2/23/2024 7:27	0.22	1,730	2.13	0.15	<0.12	<0.10	<0.10	<0.30
	5/23/2024 17:45	0.24	1,880	0.82	0.8	0.37	<0.10	<0.10	<0.30
	8/23/2024 5:53	0.35	2,100	0.51	0.17	<0.10	0.15	<0.10	<0.30
	11/13/2024 13:15	0.13	1,780	0.23	0.24	0.12	<0.10	<0.10	0.31
MS-11	6/27/2024 19:20	0.58	1,670	1.35	0.97	0.35	<0.10	<0.10	<0.30
	9/16/2024 11:00	0.51	1,690	0.29	0.12	<0.12	<0.10	<0.10	<0.30
	12/17/2024 13:25	0.35	1,720	1.81	1.91	0.76	<0.10	<0.10	<0.30
MS-12	1/10/2024 0:00	0.43	1,780	1.29	0.17	<0.12	<0.10	<0.10	<0.30
	3/26/2024 15:53	0.33	1,550	0.25	0.25	0.19	<0.10	<0.10	<0.30
	4/10/2024 15:08	0.48	1,900	0.51	0.33	0.2	<0.10	<0.10	<0.30
	6/27/2024 18:55	0.27	1,650	0.62	0.46	0.18	<0.10	<0.10	<0.30
	7/30/2024 19:49	0.33	1,680	0.87	0.58	0.26	0.12	0.12	0.32
	9/16/2024 11:30	0.61	1,760	0.27	0.13	<0.12	<0.10	<0.10	<0.30
	10/9/2024 8:08	0.24	1,610	0.27	1.11	0.32	<0.10	<0.10	<0.30
	12/17/2024 14:00	0.15	1,560	0.83	0.84	0.33	<0.10	<0.10	<0.30

3.0 SCS CAMP RECOMMENDATIONS

This section describes any recommendations by SCS to the CAMP to improve the overall efficiency of the air monitoring program. Recommendations are included in each quarterly summary report for the CAMP. During the 2024 calendar year, the following changes were made to the CAMP based on the recommendations from previous reports, as well as new requirements.

- The location of MS-02 was moved roughly 100 ft South down the landfill perimeter road. The location of MS-03 was moved roughly 50 ft North up the slope away from the public road. These changes were made to support a new power supply.
- The location of MS-11 was moved roughly 150 ft Northeast to the grounds outside of the school fence line. This change was made to accommodate new equipment at the request of the school administrators.
- MS-02 and MS-04 were changed from solar power supply to direct line power supplied by the landfill. Additionally, SCS intends to change MS-08 and MS-12 to direct power supply in the next year.
- The internet modems at MS-07, MS-08, and MS-12 were replaced with Starlink satellite dishes. Additionally, SCS intends to change all locations to Starlink satellite dishes in the next year.
- Starting in April, methane lab data was reported in ppb to match the other compounds. Previously, methane was reported in ppm and incorrectly labeled. Methane will be reported in ppb in all future reports.

Figure 1
Chiquita Canyon CAMP Map of Monitoring Stations



Appendix A

Annual 2024 Daily Averaged Data (Off-Site Only)

Annual 2024 Daily Averaged Data MS-06

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	0.11	0.12	4.5	61.9	28.91	51.63	67.75
2024-01-02 00:00:00	0.17	0.2	2.87	252.2	29	48.99	75.59
2024-01-03 00:00:00	0.11	0.12	3.67	266.1	28.87	51.28	71.75
2024-01-04 00:00:00	0.06	0.08	7.32	331.6	28.96	50.46	54.22
2024-01-05 00:00:00	0.09	0.11	2.8	351	28.96	47.86	61.39
2024-01-06 00:00:00	0.16	0.18	3.83	256.3	28.88	47.97	65.89
2024-01-07 00:00:00	0.1	0.12	7.16	282.6	28.78	46.89	48.61
2024-01-08 00:00:00	0.06	0.08	4.85	335.8	29.03	46.22	42.28
2024-01-09 00:00:00	0.14	0.2	2.44	262.1	28.96	44.42	54.95
2024-01-10 00:00:00	0.15	0.18	3.13	289.9	28.78	46.87	65.07
2024-01-11 00:00:00	0.08	0.12	5.35	307.4	28.84	45.48	49.92
2024-01-12 00:00:00	0.13	0.18	2.86	253.7	28.94	42.99	51.65
2024-01-13 00:00:00	0.2	0.25	3.02	264.4	28.86	47.42	61.42
2024-01-14 00:00:00	0.24	0.26	2.78	260.7	28.83	47.85	74.06
2024-01-15 00:00:00	0.18	0.2	3.22	289.8	28.85	50.68	70.59
2024-01-16 00:00:00	0.18	0.22	2.47	261	28.87	52.4	67.83
2024-01-17 00:00:00	0.22	0.25	2.42	264.7	28.84	50.05	84.8
2024-01-18 00:00:00	0.38	0.41	2.51	344.9	28.89	53.26	77.45
2024-01-19 00:00:00	0.3	0.34	2.13	259.2	28.82	54	71.57
2024-01-20 00:00:00	0.31	0.32	1.79	309	28.72	52.67	88.54
2024-01-21 00:00:00	0.2	0.21	2.17	249	28.7	54.91	84.91
2024-01-22 00:00:00	0.11	0.12	3.01	67.3	28.59	54.64	89.24
2024-01-23 00:00:00	0.05	0.07	4.83	271.2	28.77	57.74	61.69
2024-01-24 00:00:00	0.25	0.27	2.14	256.7	28.92	49.8	82.2
2024-01-25 00:00:00	0.24	0.26	3.1	285.4	28.93	55.82	69.13
2024-01-26 00:00:00	0.06	0.08	5.97	53.1	29.04	56.12	51.62
2024-01-27 00:00:00	0.03	0.05	9.35	49	29.05	64.22	32.81
2024-01-28 00:00:00	0.04	0.05	7.46	48.7	28.96	68.38	34.78
2024-01-29 00:00:00	0.16	0.23	3.1	248.6	28.93	60.34	50
2024-01-30 00:00:00	0.18	0.24	2.33	254.1	28.86	55.76	61.16
2024-01-31 00:00:00	0.28	0.32	3.08	235.5	28.76	54.95	67.82
2024-02-01 00:00:00	0.09	0.11	4.94	253.3	28.57	51.44	82.78
2024-02-02 00:00:00	0.2	0.22	3.31	261.8	28.71	48.81	80.5
2024-02-03 00:00:00	0.23	0.26	2.79	242.9	28.8	48.09	77.27
2024-02-04 00:00:00	0.11	0.16	4.43	159.1	28.72	49.58	84.69
2024-02-05 00:00:00	0.06	0.09	2.43	12.8	28.66	52.08	92.15
2024-02-06 00:00:00	0.05	0.06	2.01	182	28.5	47.68	87.03
2024-02-07 00:00:00	0.15	0.17	5.1	220.2	28.67	48.98	78.5
2024-02-08 00:00:00	0.17	0.18	3.22	282.5	28.78	45.76	76.12
2024-02-09 00:00:00	0.1	0.12	3.42	249.5	28.83	46.72	66.36
2024-02-10 00:00:00	0.05	0.07	5.18	21.9	28.86	50.61	48.19
2024-02-11 00:00:00	0.07	0.08	4.76	47.4	28.98	49.72	48.3
2024-02-12 00:00:00	0.08	0.09	4.08	325.8	28.9	48.37	57.32
2024-02-13 00:00:00	0.16	0.19	3.06	261.6	28.81	48.02	68.1

2024-02-14 00:00:00	0.27	0.3	3.2	263.4	28.93	47.96	79.54
2024-02-15 00:00:00	0.2	0.22	2.89	270	28.96	51.25	79.75
2024-02-16 00:00:00	0.15	0.18	2.84	252.6	28.9	52.12	71.36
2024-02-17 00:00:00	0.21	0.22	3.61	252.6	28.87	52.08	78.58
2024-02-18 00:00:00	0.07	0.08	2.68	268.6	28.85	53.26	87.05
2024-02-19 00:00:00	0.03	0.04	3.25	48.9	28.85	54.36	91.4
2024-02-20 00:00:00	0.04	0.05	3	103.7	28.89	55.36	88.84
2024-02-21 00:00:00	0.13	0.15	3.52	253.2	28.93	55.78	76.14
2024-02-22 00:00:00	0.12	0.14	2.7	280.1	28.98	52.45	69.54
2024-02-23 00:00:00	0.44	0.9	5.42	13.7	28.89	58.82	50.27
2024-02-24 00:00:00	1.59	2.89	2.71	256.7	28.85	56.93	58.92
2024-02-25 00:00:00	1.7	2.2	2.49	238.8	28.85	54.23	70.05
2024-02-26 00:00:00	2.61	3.21	2.48	253.8	28.81	52.19	82.65
2024-02-27 00:00:00	2.95	3.65	3.14	275.4	28.78	55.12	80.7
2024-02-28 00:00:00	2.95	4.06	3	259.4	28.83	54.78	73.59
2024-02-29 00:00:00	6.18	8.22	2.01	277.3	28.93	50.21	86.69
2024-03-05 00:00:00	2.94	3.58	1.43	144.9	28.88	41.5	94
2024-03-08 00:00:00	1.84	2.49	4.18	307.6	28.91	58.61	54.6
2024-03-09 00:00:00	2	2.89	3.25	267.3	28.92	52.48	62.69
2024-03-10 00:00:00	1.85	2.53	3.31	252.6	28.87	51.57	64.26
2024-03-11 00:00:00	2.67	3.71	3.81	269.2	28.86	51.06	72.65
2024-03-12 00:00:00	3.79	5.14	3.82	268.6	28.89	55.5	78.09
2024-03-13 00:00:00	3.56	4.63	6.42	252.8	28.8	56.03	57.8
2024-03-14 00:00:00	5.39	11.41	9.25	36	28.68	57.2	33.35
2024-03-15 00:00:00	2.32	5.09	4.18	21.3	28.65	55	50.15
2024-03-16 00:00:00	2.01	3.24	4.01	260.3	28.81	51.95	64.34
2024-03-17 00:00:00	2.68	3.62	3.34	250.8	28.86	54.7	67.1
2024-03-18 00:00:00	2.54	3.41	3.63	307.3	28.85	58.73	64.21
2024-03-19 00:00:00	3.41	4.6	3.64	259.2	28.83	58.21	69.65
2024-03-20 00:00:00	6.56	8.41	3.84	264.5	28.81	58.85	72.62
2024-03-21 00:00:00	8.67	10.43	3.49	265.3	28.87	56.12	74.37
2024-03-22 00:00:00	8.88	10.47	3.65	263.9	28.85	56.3	76.51
2024-03-23 00:00:00	4.3	5.06	4.44	278.5	28.67	53.5	79.93
2024-03-24 00:00:00	1.41	1.75	3.3	272.1	28.61	49.02	72.15
2024-03-25 00:00:00	1.66	2.44	4.32	271.3	28.71	53.68	60.94
2024-03-26 00:00:00	4.96	6.23	4.15	269.3	28.83	51.8	74.29
2024-03-27 00:00:00	4.61	5.76	3.54	265.6	28.94	53.1	71.55
2024-03-28 00:00:00	4.07	4.98	3.46	272.3	28.84	52.9	74.32
2024-03-29 00:00:00	4.32	5.55	4.31	242.3	28.69	49.97	71.81
2024-03-30 00:00:00	1.53	1.79	4.61	110.3	28.52	50.28	80.06
2024-03-31 00:00:00	1.01	1.33	2.97	206.2	28.59	50.94	79.88
2024-04-01 00:00:00	1	1.5	4.09	340.8	28.78	56.38	66.38
2024-04-02 00:00:00	1.78	2.62	3.61	299.7	29.02	59	61.05
2024-04-03 00:00:00	3.02	4.29	3.63	260.8	28.92	58.7	67.47
2024-04-04 00:00:00	6.22	6.98	5.59	254.5	28.7	50.38	78.88
2024-04-05 00:00:00	1.48	1.81	4.26	271.4	28.73	44.74	77.3

2024-04-06 00:00:00	1.43	1.8	3.41	271.1	28.98	47.35	64.8
2024-04-07 00:00:00	1.9	2.26	3.3	266.2	28.86	50.6	62.25
2024-04-08 00:00:00	1.88	2.55	4.23	359.3	28.78	57.61	44
2024-04-09 00:00:00	1.85	2.66	4.16	295.8	28.88	59.19	47.36
2024-04-10 00:00:00	3.23	4.8	3.05	257	28.85	62.98	52.26
2024-04-11 00:00:00	3.9	5.45	3.26	261.2	28.71	64.94	59
2024-04-12 00:00:00	12.89	13.77	4.18	227.6	28.7	56.02	77.08
2024-04-13 00:00:00	2.9	3.41	5.32	223	28.82	51.8	75.25
2024-04-14 00:00:00	1.74	1.94	2.02	254.6	28.89	46.97	89.22
2024-04-15 00:00:00	2.44	3.08	3.01	253.3	28.87	54.17	74.74
2024-04-16 00:00:00	1.43	2.4	3.32	249.7	28.84	60.28	63.04
2024-04-17 00:00:00	2.84	3.97	3.5	265.1	28.8	62.36	66.1
2024-04-18 00:00:00	5.2	6.56	3.48	259.8	28.77	60.83	71.48
2024-04-19 00:00:00	10.43	11.35	3.75	261.5	28.76	55.44	84.25
2024-04-20 00:00:00	13.42	14.29	3.56	268.2	28.8	58.17	81.9
2024-04-21 00:00:00	10.35	11.22	4.08	268	28.75	64.8	75.35
2024-04-22 00:00:00	15.56	17.63	4.43	248.2	28.69	60.61	84.36
2024-04-23 00:00:00	5.23	6.64	5.03	248.9	28.79	58.73	76.18
2024-04-24 00:00:00	4.85	6.76	4.5	258	28.83	56.75	74.65
2024-04-25 00:00:00	3.78	5.16	3.95	250.8	28.83	55.61	76.05
2024-04-26 00:00:00	3.9	6.04	3.64	275	28.72	58.17	68.75
2024-04-27 00:00:00	1.71	3.45	5.61	293.3	28.76	63.62	47.74
2024-04-28 00:00:00	2.86	3.81	4	273.6	28.77	62.06	59.24
2024-04-29 00:00:00	2.89	4.63	4.55	282.7	28.7	66.08	50.73
2024-04-30 00:00:00	5.96	8.67	4.49	294.1	28.66	65.48	54.4
2024-05-01 00:00:00	7.11	8.78	4.45	272.2	28.65	62.89	62.96
2024-05-02 00:00:00	7.17	9.68	4.95	259.6	28.67	60.78	60.25
2024-05-03 00:00:00	13.05	14.53	4.3	251.7	28.67	58.88	81.01
2024-05-04 00:00:00	8.19	9.18	5.2	268.8	28.69	56.52	83.48
2024-05-05 00:00:00	0.82	1.48	5.49	57.6	28.72	56.03	55.88
2024-05-06 00:00:00	1.32	2.49	4.21	308.6	28.78	60.94	42.06
2024-05-07 00:00:00	3.71	5.45	4.23	269.3	28.7	61.09	53.9
2024-05-08 00:00:00	5.73	8.02	5.12	299.2	28.64	63.09	54.86
2024-05-09 00:00:00	6.95	8.64	4.5	271.2	28.71	62.93	63.45
2024-05-10 00:00:00	8.47	10.37	4.7	273.9	28.74	62.21	74.45
2024-05-11 00:00:00	6.08	7.35	4.52	266.2	28.71	63.81	72.05
2024-05-12 00:00:00	8.08	8.84	4.4	269.6	28.72	62.8	76.15
2024-05-13 00:00:00	18.36	19.61	3.93	267.6	28.73	62.55	79.11
2024-05-14 00:00:00	18.36	19.61	4.26	235.2	28.7	61.78	78.53
2024-05-15 00:00:00	15.15	16.83	4.51	250.9	28.71	60.19	78.8
2024-05-16 00:00:00	8.66	11.09	5.13	248.1	28.74	61.61	75.83
2024-05-17 00:00:00	9.35	10.86	3.75	251.1	28.75	60.52	77.85
2024-05-18 00:00:00	6.75	7.66	4.22	269.8	28.78	60.9	76.58
2024-05-19 00:00:00	6.41	7.83	4.26	264.1	28.81	59.04	76.65
2024-05-20 00:00:00	6.56	8.25	3.8	270.3	28.77	55.18	81.78
2024-05-21 00:00:00	8.18	10.36	4.58	258.1	28.73	60.9	72.15

2024-05-22 00:00:00	9.22	11.08	4.39	265.5	28.74	58.78	78.18
2024-05-23 00:00:00	9.82	11.2	4.43	245.7	28.73	59.55	78.39
2024-05-24 00:00:00	8.79	10.36	4.55	246.1	28.72	59.42	74.9
2024-05-25 00:00:00	5.24	7.14	3.91	275.3	28.76	58.02	72.94
2024-05-26 00:00:00	4.42	5.82	4.07	258.8	28.8	57.55	76.52
2024-05-27 00:00:00	5.81	6.9	4.25	269.6	28.81	62.37	72.37
2024-05-28 00:00:00	7.08	9.02	4.38	261.5	28.8	63.26	72.31
2024-05-29 00:00:00	11.4	14.34	4.74	265.1	28.79	61.44	77.5
2024-05-30 00:00:00	11.08	13.13	4.47	260.9	28.73	64.65	71.85
2024-05-31 00:00:00	12.75	14.45	4.42	259.4	28.69	62.93	78.2
2024-06-01 00:00:00	11.91	12.72	3.66	264.5	28.71	60.31	83.07
2024-06-02 00:00:00	8.62	9.24	4.53	262.3	28.71	60.82	78.85
2024-06-03 00:00:00	8.48	10.54	4.47	253	28.67	64.37	74.24
2024-06-04 00:00:00	11.05	13.53	4.61	264.3	28.64	67.9	72.08
2024-06-05 00:00:00	12.86	15.17	4.77	264.4	28.66	69.92	73.18
2024-06-06 00:00:00	11.62	13.64	4.4	258.1	28.66	70.08	74.25
2024-06-07 00:00:00	9.2	10.64	4.58	249.9	28.68	67.61	76.44
2024-06-08 00:00:00	13.41	14.33	4.2	245.5	28.71	64.66	80.37
2024-06-09 00:00:00	6.33	6.83	3.81	273.1	28.74	63.89	78.92
2024-06-10 00:00:00	5.93	7.94	4.5	260.1	28.71	66.35	71.93
2024-06-11 00:00:00	9.19	12.25	4.58	245.2	28.68	67.52	73.46
2024-06-12 00:00:00	13.62	15.16	3.76	249.8	28.73	68.25	72.77
2024-06-13 00:00:00	8.82	11.07	4.1	268.9	28.75	65.56	75.14
2024-06-14 00:00:00	7.04	11.55	4.62	269.3	28.71	70.84	67.35
2024-06-15 00:00:00	7.36	11.27	4.89	270.3	28.6	80.39	37.48
2024-06-16 00:00:00	18.37	22.57	4.8	266.4	28.54	70.32	57.01
2024-06-17 00:00:00	13.23	16.86	5.94	260.4	28.52	67.52	64.84
2024-06-18 00:00:00	10.81	15.49	5.45	264.9	28.55	68.36	61.22
2024-06-19 00:00:00	13.21	15.92	4.61	263.8	28.62	66.05	72.75
2024-06-20 00:00:00	9.15	13.62	4.57	262.2	28.59	68.86	64.73
2024-06-21 00:00:00	5.09	8.39	4.41	253.8	28.56	72.07	57.24
2024-06-22 00:00:00	3.46	5.48	3.4	250.5	28.63	78.32	49.21
2024-06-23 00:00:00	2.24	3.96	4.57	251.8	28.69	80.85	39.68
2024-06-24 00:00:00	3.24	6.73	4.33	265.1	28.7	78.56	45.94
2024-06-25 00:00:00	5.1	9.94	4.31	255.6	28.72	76.58	49.98
2024-06-26 00:00:00	6.62	10.95	2.88	239.9	28.76	68.33	67.21
2024-06-27 00:00:00	5.55	9.82	6.59	260.4	28.6	79.1	52.62
2024-06-28 00:00:00	5.6	8.63	4.23	260.4	28.61	71.56	64.59
2024-06-29 00:00:00	4.17	6.06	3.91	259.3	28.67	73.07	60.5
2024-06-30 00:00:00	2.57	4.48	3.84	264.9	28.7	77.32	48.81
2024-07-01 00:00:00	4.17	8.46	4.26	262.6	28.66	76.35	51.88
2024-07-02 00:00:00	4.56	8.26	4.27	261.7	28.62	75.62	57.92
2024-07-03 00:00:00	3.76	6.63	4.27	252.7	28.67	79.89	52.7
2024-07-04 00:00:00	2.92	5.06	4.89	266.2	28.71	77.45	58.42
2024-07-05 00:00:00	4.64	7.79	4.74	293.9	28.63	85.48	48.07
2024-07-06 00:00:00	5.53	9.24	4.89	256.5	28.62	81.16	52.65

2024-07-07 00:00:00	6.06	7.29	4.41	259.6	28.69	77.62	64.4
2024-07-08 00:00:00	3.98	6.7	4.34	258	28.62	77.21	62.51
2024-07-09 00:00:00	3.79	6.94	4.06	258.2	28.62	79.73	58.18
2024-07-10 00:00:00	4.86	8.54	4.15	261.9	28.65	82.45	50.77
2024-07-11 00:00:00	6.35	10.13	4.5	255.3	28.65	81.3	51.65
2024-07-12 00:00:00	16.14	19.46	4.23	269.9	28.66	73.06	69.42
2024-07-13 00:00:00	4.62	7.59	4.29	257.3	28.72	76.05	63.92
2024-07-14 00:00:00	3.09	4.57	4.32	256.9	28.8	75.06	63.69
2024-07-15 00:00:00	3.37	6.08	4.8	271.3	28.78	75.73	60.01
2024-07-16 00:00:00	3.31	7.01	4.72	268.3	28.75	74.69	59.16
2024-07-17 00:00:00	3.38	7.17	4.06	262.3	28.73	76.06	58.45
2024-07-18 00:00:00	5.61	14.96	4.35	268.5	28.74	78.45	56.67
2024-07-19 00:00:00	3.05	6.91	3.66	257.8	28.75	79.23	51.82
2024-07-20 00:00:00	2.39	6.49	4.01	256.3	28.71	81.33	41.3
2024-07-21 00:00:00	2.42	4.93	3.92	257.4	28.67	81.33	42.32
2024-07-22 00:00:00	3.62	8.38	4.17	260.2	28.64	81.75	44.61
2024-07-23 00:00:00	4.3	12.54	4.52	274.5	28.69	81.61	47.67
2024-07-24 00:00:00	3.16	6.66	4.18	257.7	28.8	82.06	48.5
2024-07-25 00:00:00	5.23	11.14	4.02	268.2	28.79	83.57	49.03
2024-07-26 00:00:00	4.17	8.93	4.46	263.9	28.68	81.12	50.68
2024-07-27 00:00:00	4	7.58	4.23	264.9	28.65	73.88	55.2
2024-07-28 00:00:00	2.6	4.24	4.18	258.6	28.7	71.82	53.15
2024-07-29 00:00:00	2.34	4.79	3.89	257.8	28.74	72.42	45.68
2024-07-30 00:00:00	3.1	6.36	4.28	262.6	28.72	73.92	44.13
2024-07-31 00:00:00	2.9	6.22	4.08	265.9	28.72	73.45	46.8
2024-08-01 00:00:00	2.4	4.62	3.4	249.3	28.79	76.57	47.18
2024-08-02 00:00:00	2.71	5.61	4.13	261	28.82	81.68	48.12
2024-08-03 00:00:00	2.17	4.22	4.04	259.4	28.75	82.51	44.04
2024-08-04 00:00:00	1.71	3.05	3.97	260	28.69	82.77	41.34
2024-08-05 00:00:00	2.18	4.69	3.72	256.6	28.7	84.36	38.7
2024-08-06 00:00:00	2.55	5.02	4.1	254.9	28.74	83.82	37.47
2024-08-07 00:00:00	3.11	4.78	3.78	258.3	28.78	79.2	51.34
2024-08-08 00:00:00	3.76	6.54	4.16	265.3	28.73	75.59	59.59
2024-08-09 00:00:00	2.96	6.2	4.01	259.6	28.68	77.9	50.34
2024-08-10 00:00:00	2.78	5.26	4.18	268.8	28.69	79.37	49.52
2024-08-11 00:00:00	2.7	4.16	4.1	258.5	28.74	79.42	49.29
2024-08-12 00:00:00	2.91	4.99	4	257.4	28.74	77.94	51.35
2024-08-13 00:00:00	2.68	4.93	3.88	258.9	28.73	76.63	49.63
2024-08-14 00:00:00	2.98	6.22	4.32	264.9	28.76	75.81	49.25
2024-08-15 00:00:00	2.42	5.86	4.25	275.1	28.71	79.5	42.75
2024-08-16 00:00:00	2.49	4.99	4.21	264.4	28.69	74.54	49.04
2024-08-17 00:00:00	3.31	5.38	4.37	268.8	28.72	72.69	63.05
2024-08-18 00:00:00	2.12	3.31	3.95	258.3	28.74	73.87	59.72
2024-08-19 00:00:00	1.92	4.4	3.79	260.2	28.77	76.11	48.75
2024-08-20 00:00:00	1.89	4.83	3.61	254.9	28.76	78.23	35.4
2024-08-21 00:00:00	2.43	5.72	3.81	260.8	28.75	76.72	35.55

2024-08-22 00:00:00	3.23	7.14	4.2	255	28.73	71.74	51.94
2024-08-23 00:00:00	2.62	5.29	4.25	260.2	28.75	67.68	60.62
2024-08-24 00:00:00	2.26	3.86	4.26	264.5	28.81	66.9	59.88
2024-08-25 00:00:00	2.21	3.92	4.16	257.7	28.83	70.3	54.59
2024-08-26 00:00:00	2.63	5.2	3.85	248.1	28.83	74.47	51.65
2024-08-27 00:00:00	2.86	5.29	3.99	257.6	28.77	74.24	53.33
2024-08-28 00:00:00	2.84	4.76	3.82	254.9	28.75	70.04	61.88
2024-08-29 00:00:00	3.18	5.26	3.67	253.2	28.78	68.44	65.12
2024-08-30 00:00:00	3.08	5.95	3.92	252.9	28.79	71.92	62.63
2024-08-31 00:00:00	2.46	4.05	3.76	255.5	28.75	75.56	58.07
2024-09-01 00:00:00	2.47	3.81	4.24	253.3	28.7	78.06	53.08
2024-09-02 00:00:00	2.56	3.79	3.83	257.7	28.7	79.25	53.4
2024-09-03 00:00:00	3.18	7.53	4.32	261	28.71	80.24	47.41
2024-09-04 00:00:00	2.64	7.07	3.99	260	28.74	82.88	40.85
2024-09-05 00:00:00	2.48	6.15	3.18	269.5	28.72	89.83	31.58
2024-09-06 00:00:00	2.48	6.3	3.37	276.4	28.68	91.4	27.66
2024-09-07 00:00:00	2.88	6.77	3.51	270.4	28.62	87.68	31.87
2024-09-08 00:00:00	1.4	2.9	3.36	263.6	28.62	86.62	29.59
2024-09-09 00:00:00	3	9.04	4.57	261.1	28.66	85.44	32.07
2024-09-10 00:00:00	2.17	5.29	3.96	262.5	28.64	78.73	39.52
2024-09-11 00:00:00	2.6	5.84	4.17	259.7	28.58	68.35	49.6
2024-09-12 00:00:00	3.19	6.19	4.82	269.9	28.54	67.39	65.59
2024-09-13 00:00:00	3.49	5.4	3.46	258.9	28.62	65.07	73.44
2024-09-14 00:00:00	3.61	5	3.62	267.1	28.68	64.83	78.38
2024-09-15 00:00:00	2.76	3.53	4.22	249.7	28.69	64.03	77.78
2024-09-16 00:00:00	1.76	3.53	5.36	257.2	28.67	63.63	64.33
2024-09-17 00:00:00	2.43	4.57	4.29	264.6	28.74	60.47	67
2024-09-18 00:00:00	2.25	3.93	3.72	259.4	28.67	61.64	68.56
2024-09-19 00:00:00	2.06	3.3	3.7	262.1	28.69	61.75	71.72
2024-09-20 00:00:00	1.72	3.19	3.9	254	28.69	61.92	74.5
2024-09-21 00:00:00	1.82	2.72	4.02	255.2	28.71	63.69	75.39
2024-09-22 00:00:00	1.95	2.7	3.52	255.9	28.7	68.65	69.05
2024-09-23 00:00:00	1.81	4.04	3.73	250.3	28.64	74.27	54.36
2024-09-24 00:00:00	2.17	3.6	4.43	248.7	28.63	70.36	63.49
2024-09-25 00:00:00	4.23	5.44	4.01	235	28.65	67.61	72.38
2024-09-26 00:00:00	1.78	3.07	3.76	251.2	28.67	67.77	63.82
2024-09-27 00:00:00	1.65	2.93	4.03	253.2	28.66	68.39	57.25
2024-09-28 00:00:00	1.65	2.56	3.35	248.5	28.67	66.94	62.21
2024-09-29 00:00:00	1.25	1.97	3.66	246.4	28.69	68.14	55.25
2024-09-30 00:00:00	1.91	3.69	2.92	251.8	28.68	73.14	46.3
2024-10-01 00:00:00	1.94	3.58	3.4	247.3	28.73	76.25	45.8
2024-10-02 00:00:00	1.94	3.93	3.17	246.9	28.64	82.05	39.15
2024-10-03 00:00:00	2.3	4.64	3.93	253.5	28.6	80.74	39.17
2024-10-04 00:00:00	2.81	3.94	2.94	263.6	28.72	75.06	61.08
2024-10-05 00:00:00	1.86	2.76	3.42	253.6	28.76	76.4	56.02
2024-10-06 00:00:00	1.15	1.87	3.32	245.7	28.75	78.22	46.77

2024-10-07 00:00:00	1.5	2.67	3.2	249.3	28.69	77.32	44.37
2024-10-08 00:00:00	1.53	2.7	3.42	241.3	28.67	72.33	49.32
2024-10-09 00:00:00	1.82	3.3	3.34	239.7	28.74	70.75	52.09
2024-10-10 00:00:00	2.24	3.51	3	239.7	28.79	69.2	55.29
2024-10-11 00:00:00	1.99	3.18	3.02	238.5	28.84	69.05	50.51
2024-10-12 00:00:00	1.39	2.17	3.34	245.1	28.85	66.47	52.08
2024-10-13 00:00:00	1.42	2.17	3.73	246.1	28.81	64.34	61.77
2024-10-14 00:00:00	2.21	3.18	3.71	245.6	28.83	61.42	74.3
2024-10-15 00:00:00	3.33	4.15	3.32	233	28.81	60.53	78.9
2024-10-16 00:00:00	6.87	7.27	3.05	239.8	28.76	59.68	85.91
2024-10-17 00:00:00	3.59	4.37	4.43	234.6	28.66	62.21	77.29
2024-10-18 00:00:00	2.22	5.62	5.82	348.7	28.76	63.95	32.48
2024-10-19 00:00:00	1.53	3.14	4.84	5.1	28.86	65.36	25.39
2024-10-20 00:00:00	1.15	2.09	3.46	243	28.89	63.04	36.65
2024-10-21 00:00:00	1.36	2.58	3.01	241.6	28.87	63.94	40.99
2024-10-22 00:00:00	1.31	2.41	2.5	233.5	28.85	65.3	40.65
2024-10-23 00:00:00	1.54	2.92	3.02	243.9	28.83	68.12	38.5
2024-10-24 00:00:00	1.72	3.12	3.11	240	28.74	65.42	42.8
2024-10-25 00:00:00	1.58	2.69	3.05	243.3	28.79	64.35	49.32
2024-10-26 00:00:00	1.28	2	2.5	236.3	28.84	65.93	48.45
2024-10-27 00:00:00	1.5	2.24	2.96	247.6	28.8	66.75	47.84
2024-10-28 00:00:00	1.7	2.52	2.88	306.3	28.7	60.23	60.65
2024-10-29 00:00:00	0.81	2.06	4.18	251.1	28.74	56.24	52.19
2024-10-30 00:00:00	1.03	1.73	2.76	236.4	28.89	53.36	53.6
2024-10-31 00:00:00	1.19	1.97	3.24	230.6	28.84	53.72	55.34
2024-11-01 00:00:00	1.38	2.38	2.9	250.7	28.75	55.64	53.84
2024-11-02 00:00:00	1.38	1.83	2.91	237.3	28.72	53.52	71.04
2024-11-03 00:00:00	1.09	2.98	6.21	211.5	28.7	58.43	52.53
2024-11-04 00:00:00	0.47	1.02	5.69	11.5	28.87	61.44	31.99
2024-11-05 00:00:00	0.94	1.98	3.33	242.2	28.74	58.91	37.16
2024-11-06 00:00:00	1.64	4.64	9.33	39.8	28.8	61.2	21.06
2024-11-07 00:00:00	0.37	0.8	6.9	25.9	28.95	59.97	17.22
2024-11-08 00:00:00	1.39	2.4	2.67	234.5	28.89	54.59	27.34
2024-11-09 00:00:00	1.77	2.55	2.43	236.3	28.78	54.65	34.67
2024-11-10 00:00:00	1.86	2.48	2.4	233	28.8	55.95	37.29
2024-11-11 00:00:00	1.53	2.35	3.68	243.2	28.82	54.12	51.54
2024-11-12 00:00:00	0.35	0.92	6.01	13.3	28.88	58.71	38.54
2024-11-13 00:00:00	1.09	2.21	2.52	239.2	28.88	55.09	34.93
2024-11-14 00:00:00	1.33	2.1	3.24	232.2	28.73	54.38	50.38
2024-11-15 00:00:00	1.4	1.84	3.35	221	28.67	53.03	61.09
2024-11-16 00:00:00	0.49	0.85	3.72	255.1	28.74	50.45	45.93
2024-11-17 00:00:00	0.57	0.97	2.62	234.5	28.77	49.69	39.93
2024-11-18 00:00:00	0.73	1.32	3.49	212.3	28.78	50.17	43.55
2024-11-19 00:00:00	0.7	1.17	4.74	38.4	28.89	53.01	36.18
2024-11-20 00:00:00	1.07	1.84	2.1	242.5	28.97	49.68	38.35
2024-11-21 00:00:00	1.18	2.24	2.26	239.3	28.94	50.62	37.68

2024-11-22 00:00:00	1.1	1.92	2.64	242.7	28.85	51.72	42
2024-11-23 00:00:00	0.86	1.11	2.16	232	28.79	49.28	75.65
2024-11-24 00:00:00	0.45	0.6	2.56	253.3	28.86	52.59	82.71
2024-11-25 00:00:00	0.52	0.73	1.93	261.8	28.95	53.6	73.58
2024-11-26 00:00:00	0.43	0.6	2.32	278.5	28.89	57.85	81.2
2024-11-27 00:00:00	0.81	1.27	5.9	42.3	28.84	63.59	41.53
2024-11-28 00:00:00	0.24	0.43	8.44	35.1	28.91	58.8	25.65
2024-11-29 00:00:00	0.21	0.35	7.35	33.2	28.91	58.75	23.36
2024-11-30 00:00:00	0.52	0.83	6.5	27.1	28.91	63.08	17.81
2024-12-01 00:00:00	0.85	1.29	3.04	262.8	28.91	62.53	22.95
2024-12-02 00:00:00	0.62	0.88	3.16	276	28.91	55.21	26.58
2024-12-03 00:00:00	1.16	1.78	2.29	234.7	28.91	53.23	41.72
2024-12-04 00:00:00	2.06	2.64	3.06	235.2	28.95	49.63	62.26
2024-12-05 00:00:00	1.42	1.88	2.34	254.5	28.91	54.98	53.76
2024-12-06 00:00:00	0.61	0.9	3.57	271.5	28.92	58.47	34.62
2024-12-07 00:00:00	0.59	0.91	2.48	264.6	28.92	57.57	32.34
2024-12-08 00:00:00	1.12	1.41	2.04	235.8	28.87	51.15	51.81
2024-12-09 00:00:00	0.99	1.47	6.24	13.1	28.94	53.76	40.71
2024-12-10 00:00:00	0.26	0.61	10.38	35.5	29.14	58.31	13.82
2024-12-11 00:00:00	0.39	0.62	4.8	28.4	28.96	54.18	17.08
2024-12-12 00:00:00	1.08	1.58	2.44	239.6	28.78	45.84	45.04
2024-12-13 00:00:00	1.68	2.07	2.37	249.9	28.94	46.7	72.48
2024-12-14 00:00:00	1.54	1.87	3.09	259.6	28.98	47.96	76.87
2024-12-15 00:00:00	0.67	0.91	3.97	340.8	28.98	50.19	51.83
2024-12-16 00:00:00	1.07	1.85	2.28	255.1	28.93	51.53	41.44
2024-12-17 00:00:00	0.65	1.02	5.94	17.9	28.95	60.3	32.7
2024-12-18 00:00:00	0.28	0.46	6.95	48.2	28.97	69.05	23.43
2024-12-19 00:00:00	0.59	1.15	3.84	309.2	28.93	59.83	33.78
2024-12-20 00:00:00	1.28	1.82	2.32	244.7	28.96	54.15	49.08
2024-12-21 00:00:00	1.5	2	2.43	240.4	28.97	52.29	54.77
2024-12-22 00:00:00	1.13	1.55	2.11	242.9	28.92	53.56	53.52
2024-12-23 00:00:00	1.47	1.9	2.73	237.8	28.91	56.72	66.23
2024-12-24 00:00:00	1.09	1.39	3.54	231.5	28.87	53.24	68.18
2024-12-25 00:00:00	0.27	0.63	4.94	168.6	28.89	55.59	45.5
2024-12-26 00:00:00	0.66	1.16	3.02	270.4	28.85	57.08	39.92
2024-12-27 00:00:00	0.85	1.1	2.65	241.8	28.85	50.92	73.86
2024-12-28 00:00:00	0.86	1.11	2.52	249.2	28.9	53.15	71.86
2024-12-29 00:00:00	0.68	0.87	2.52	239	28.91	51	71.09
2024-12-30 00:00:00	0.86	1.06	3.32	297.2	28.85	53.26	69.22
2024-12-31 00:00:00	0.49	0.74	3.92	295.2	28.87	49.9	55

Annual 2024 Daily Averaged Data MS-07

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	0.25	0.3	7.15	27.1	28.8	51.69	66.48
2024-01-02 00:00:00	0.41	0.66	4.24	316.7	28.88	49.26	76.59
2024-01-03 00:00:00	0.27	0.38	4.51	359.9	28.75	50.3	75.03
2024-01-04 00:00:00	0.13	0.26	10.58	358.3	28.84	49.28	56
2024-01-05 00:00:00	0.29	0.61	4.48	9.5	28.84	47.48	61.48
2024-01-06 00:00:00	0.45	0.66	5.48	294.4	28.77	48.01	66.27
2024-01-07 00:00:00	0.25	0.4	10.99	342.5	28.66	46.32	48.76
2024-01-08 00:00:00	0.2	0.42	7.9	25.9	28.92	45.9	42.65
2024-01-09 00:00:00	0.3	0.62	4.01	341.2	28.85	44.98	53.77
2024-01-10 00:00:00	0.35	0.53	3.86	311	28.66	47.02	66.6
2024-01-11 00:00:00	0.24	0.47	7.56	7.4	28.72	44.9	51.29
2024-01-12 00:00:00	0.34	0.71	4.58	327.8	28.82	43.32	50.56
2024-01-13 00:00:00	0.47	0.63	4.37	327.8	28.75	47.64	60.31
2024-01-14 00:00:00	0.67	0.76	4.34	324.3	28.72	47.62	75.72
2024-01-15 00:00:00	0.42	0.72	4.1	8.4	28.74	50.87	69.95
2024-01-16 00:00:00	0.4	0.68	4.4	343.6	28.75	52.95	66.28
2024-01-17 00:00:00	0.64	0.81	3.44	311.7	28.72	49.94	86.23
2024-01-18 00:00:00	1.5	1.86	3.2	54	28.77	52.48	78.45
2024-01-19 00:00:00	1.01	1.34	3.7	339	28.7	53.6	71.73
2024-01-20 00:00:00	0.78	0.84	2.35	320.4	28.6	51.6	90.27
2024-01-21 00:00:00	0.54	0.59	2.91	256.6	28.58	54.03	86.94
2024-01-22 00:00:00	0.28	0.34	4.37	352.1	28.48	53.52	91.66
2024-01-23 00:00:00	0.37	0.48	6.75	357.6	28.62	54.75	72.85
2024-01-24 00:00:00	0.62	0.75	3.34	293.7	28.8	49.47	83.38
2024-01-25 00:00:00	0.54	0.61	4.95	5.6	28.82	54.91	70.79
2024-01-26 00:00:00	0.15	0.27	7.72	34.2	28.93	56.3	51.04
2024-01-27 00:00:00	0.09	0.22	10.7	45.9	28.93	63.87	32.69
2024-01-28 00:00:00	0.09	0.19	8.94	39.6	28.85	68.32	34.25
2024-01-29 00:00:00	0.46	1.26	4.62	25.1	28.81	61.58	47.05
2024-01-30 00:00:00	0.4	0.85	4.34	355.8	28.75	56.52	59.1
2024-01-31 00:00:00	0.98	1.53	5.18	236.1	28.64	54.76	67.98
2024-02-01 00:00:00	0.22	0.28	7.49	209.8	28.46	50.6	84.25
2024-02-02 00:00:00	0.52	0.62	4.01	259.7	28.59	48.62	82.1
2024-02-03 00:00:00	0.54	0.62	3.98	293	28.69	47.5	79.12
2024-02-04 00:00:00	0.24	0.29	5.81	104.9	28.61	48.45	86.26
2024-02-05 00:00:00	0.14	0.2	3.6	358.4	28.53	50.58	94.35
2024-02-06 00:00:00	0.14	0.25	2.25	266.4	28.39	46.83	92.03
2024-02-07 00:00:00	0.33	0.41	5.08	240.5	28.54	46.39	85.49
2024-02-08 00:00:00	0.44	0.51	3.89	308.7	28.66	44.7	80.02
2024-02-09 00:00:00	0.29	0.4	4.84	335.7	28.71	45.86	68.95
2024-02-10 00:00:00	0.18	0.31	7.54	16	28.75	50.05	48.1
2024-02-11 00:00:00	0.17	0.27	5.6	17	28.87	50.13	45.56
2024-02-12 00:00:00	0.24	0.51	4.9	14.9	28.78	48.92	55.22
2024-02-13 00:00:00	0.61	1.31	4.73	314.3	28.7	48.36	68.49

2024-02-14 00:00:00	0.69	0.8	3.99	306.7	28.81	47.8	81.7
2024-02-15 00:00:00	0.53	0.7	3.86	322.8	28.84	50.52	82.01
2024-02-16 00:00:00	0.37	0.53	4.06	336	28.79	51.76	73.55
2024-02-17 00:00:00	0.73	0.94	4.76	281.7	28.76	51.37	80.86
2024-02-18 00:00:00	0.23	0.31	3.29	287	28.74	52.12	89.2
2024-02-19 00:00:00	0.08	0.16	4.09	281.6	28.74	53.56	92.6
2024-02-20 00:00:00	0.12	0.2	3.53	338.2	28.78	53.14	92.91
2024-02-21 00:00:00	0.33	0.41	3.91	269.2	28.8	53.5	84.05
2024-02-22 00:00:00	0.36	0.53	3.73	16.4	28.87	52.21	70.4
2024-02-23 00:00:00	0.29	0.61	8.54	27.4	28.78	58.9	48.88
2024-02-24 00:00:00	0.31	0.6	4.1	343.5	28.74	57.45	54.48
2024-02-25 00:00:00	0.3	0.42	4.17	2.3	28.74	53.92	70.38
2024-02-26 00:00:00	0.45	0.65	3.1	287.7	28.7	51.25	84.3
2024-02-27 00:00:00	0.39	0.48	4.06	312.1	28.67	54	83.38
2024-02-28 00:00:00	0.47	0.66	4.35	332.9	28.72	54.56	75.48
2024-02-29 00:00:00	0.82	1.02	4.16	250	28.82	51.92	84.56
2024-03-01 00:00:00	0.22	0.3	4.23	224.9	28.78	51.92	85.78
2024-03-02 00:00:00	0.32	0.37	7.97	224.8	28.67	51.25	86.2
2024-03-03 00:00:00	0.48	0.53	5.47	250.8	28.7	49.95	82.67
2024-03-04 00:00:00	0.51	0.62	4.04	317.1	28.75	49.36	77.23
2024-03-05 00:00:00	0.55	0.71	5.04	291	28.72	50.42	78.7
2024-03-06 00:00:00	0.34	0.41	3.46	337.2	28.58	49.18	88.95
2024-03-07 00:00:00	0.23	0.31	4.05	336	28.6	50.9	74.89
2024-03-08 00:00:00	0.37	0.6	6.66	28.3	28.79	53.96	62.92
2024-03-09 00:00:00	0.45	0.79	4.83	326.7	28.8	52.73	64.14
2024-03-10 00:00:00	0.3	0.41	4.67	335.2	28.75	51.77	65.5
2024-03-11 00:00:00	0.57	1.13	4.74	253.7	28.74	50.57	75.66
2024-03-12 00:00:00	0.73	0.94	4.6	267.9	28.77	54.28	80.98
2024-03-13 00:00:00	0.71	1.09	10.37	352.7	28.69	54.67	60
2024-03-14 00:00:00	1.52	3.55	13.33	45.6	28.57	56.57	33.66
2024-03-15 00:00:00	0.43	0.99	6.76	39.8	28.53	55.13	47.66
2024-03-16 00:00:00	0.38	0.64	5.04	300.3	28.7	51.67	64.97
2024-03-17 00:00:00	0.55	0.8	5.09	358.2	28.74	54.28	68.67
2024-03-18 00:00:00	0.62	1.23	6.56	10.6	28.74	58.35	64.67
2024-03-19 00:00:00	0.66	0.97	5.16	322.5	28.71	57.75	71.38
2024-03-20 00:00:00	0.84	1.1	4.96	315.2	28.69	58.19	74.61
2024-03-21 00:00:00	1.11	1.43	4.86	320.4	28.76	55.8	77.38
2024-03-22 00:00:00	1	1.21	5.2	300.8	28.73	55.5	79.15
2024-03-23 00:00:00	0.6	0.72	4.92	253.5	28.56	52.77	81.98
2024-03-24 00:00:00	0.27	0.38	4.85	327.4	28.49	48.28	74.21
2024-03-25 00:00:00	0.33	0.48	5.52	313.7	28.59	53.42	61.84
2024-03-26 00:00:00	2.3	3.16	4.82	305	28.71	50.81	76.9
2024-03-27 00:00:00	4.11	5.94	4.73	316.4	28.82	52.5	74.54
2024-03-28 00:00:00	3.54	5.39	4.22	266.6	28.73	52.12	77.03
2024-03-29 00:00:00	3.37	4.82	5.78	248.4	28.58	49.42	73.43
2024-03-30 00:00:00	1.33	1.85	6.76	124.5	28.4	49.12	82.05

2024-03-31 00:00:00	0.77	1.22	4.31	68.9	28.47	49.85	81.87
2024-04-01 00:00:00	0.97	1.89	5.19	359	28.67	55.38	68.81
2024-04-02 00:00:00	1.67	3.43	5.31	6.7	28.91	58.78	62.05
2024-04-03 00:00:00	2.65	4.52	5.22	325.4	28.81	58.28	68.68
2024-04-04 00:00:00	4.82	6.65	6.14	236.7	28.59	49.33	80.74
2024-04-05 00:00:00	1.38	2.02	5.13	261.4	28.61	43.99	79.12
2024-04-06 00:00:00	1.39	2.1	4.91	322.2	28.86	46.76	65.79
2024-04-07 00:00:00	1.83	2.59	4.83	337.1	28.74	50.02	63.85
2024-04-08 00:00:00	2.01	4.94	6.23	355.1	28.67	58.31	42.05
2024-04-09 00:00:00	1.75	4.09	5.93	0.7	28.77	59.45	45.14
2024-04-10 00:00:00	3.08	6.58	5.04	334	28.74	63.01	51.55
2024-04-11 00:00:00	3.54	6.8	5.11	347.2	28.6	64.84	58.75
2024-04-12 00:00:00	10.95	12.94	5.29	238.7	28.59	54.63	79.53
2024-04-13 00:00:00	2.77	3.71	7.03	206.5	28.71	50.72	77.51
2024-04-14 00:00:00	1.23	1.77	3.21	273.6	28.77	46.4	90.28
2024-04-15 00:00:00	1.49	2.73	4.05	286.9	28.76	53.35	77.26
2024-04-16 00:00:00	1.26	3.28	4.96	342.8	28.72	59.87	64.29
2024-04-17 00:00:00	2.56	4.55	5.16	321.3	28.69	61.8	67.74
2024-04-18 00:00:00	4.76	7.13	4.19	312.6	28.66	59.7	74.84
2024-04-19 00:00:00	8.86	10.17	4.18	302.8	28.65	54.13	86.81
2024-04-20 00:00:00	11.43	12.88	3.65	276.5	28.69	56.95	84.54
2024-04-21 00:00:00	7.97	9.76	4.43	348.8	28.64	63.64	77.15
2024-04-22 00:00:00	12.6	14.44	4.74	275.1	28.58	59.61	86.22
2024-04-23 00:00:00	4.16	5.25	5.22	244.8	28.68	57.7	78.68
2024-04-24 00:00:00	3.95	6.73	4.24	255	28.72	55.47	78.23
2024-04-25 00:00:00	3.6	5.65	4.69	240.1	28.72	54.65	78.49
2024-04-26 00:00:00	3.9	7.45	4.5	269.8	28.61	57.1	73.45
2024-04-27 00:00:00	1.86	4.73	6.15	322.2	28.65	61.32	54.02
2024-04-28 00:00:00	2.72	4.77	4.9	304.4	28.66	61.12	61.78
2024-04-29 00:00:00	3.04	7.28	5.46	306	28.59	64.84	55.25
2024-04-30 00:00:00	6.01	13.66	5.57	276	28.54	65.53	53.81
2024-05-01 00:00:00	7	11.34	4.15	270	28.54	60.94	70.09
2024-05-02 00:00:00	6.53	12.98	5.39	298.6	28.56	60.21	61.98
2024-05-03 00:00:00	11.38	13.8	4.57	279.4	28.56	57.22	83.71
2024-05-04 00:00:00	6.6	7.84	5.25	272.7	28.58	54.93	86.92
2024-05-05 00:00:00	0.79	2.16	7.28	12.8	28.6	54.87	58.68
2024-05-06 00:00:00	1.18	3.46	5.22	327.8	28.67	59.96	43.67
2024-05-07 00:00:00	3.25	6.26	5.33	303.1	28.59	60.42	56.6
2024-05-08 00:00:00	5.51	10.87	5.83	337.2	28.53	60.65	61.2
2024-05-09 00:00:00	6.59	11.49	5.91	342.9	28.6	61.77	65.95
2024-05-10 00:00:00	7.2	10.29	4.67	280.4	28.63	61.02	76.35
2024-05-11 00:00:00	3.5	5.99	4.24	296.7	28.6	62.88	73.15
2024-05-12 00:00:00	6.22	7.68	4.59	289.7	28.61	61.08	78.93
2024-05-13 00:00:00	14.6	16.58	4.68	274.4	28.62	60.98	82.07
2024-05-14 00:00:00	16.22	18	4.59	254.9	28.59	59.92	83.24
2024-05-15 00:00:00	12.99	14.78	5.11	255.1	28.6	58.59	82.8

2024-05-16 00:00:00	7.58	9.68	5.64	258.1	28.63	59.96	79.8
2024-05-17 00:00:00	7.62	9.59	3.75	242.6	28.64	58.98	81.98
2024-05-18 00:00:00	5.72	7.19	4.69	212.7	28.67	59.56	79.98
2024-05-19 00:00:00	5.47	8.44	4.58	263.3	28.7	57.42	80.39
2024-05-20 00:00:00	5.64	7.22	3.98	280.4	28.66	53.91	84.71
2024-05-21 00:00:00	7.62	10.64	5.07	276.2	28.62	59.6	75.33
2024-05-22 00:00:00	8.64	11.47	5.76	299.4	28.63	57.56	81.57
2024-05-23 00:00:00	10.11	12.55	4.57	225.5	28.62	57.97	82.3
2024-05-24 00:00:00	8.3	11.23	4.59	234.4	28.61	58.12	78.34
2024-05-25 00:00:00	4.79	6.66	4.78	296.4	28.65	57.01	75.4
2024-05-26 00:00:00	4.19	5.59	5.37	296.6	28.69	56.67	78.92
2024-05-27 00:00:00	5.58	8.37	5.44	324.3	28.7	61.44	74.72
2024-05-28 00:00:00	6.4	10.49	4.94	308.4	28.7	62.3	74.95
2024-05-29 00:00:00	7.98	10.99	4.68	271.7	28.68	60.3	79.63
2024-05-30 00:00:00	10.28	14.36	5.22	316.3	28.62	63.66	74.27
2024-05-31 00:00:00	8.86	11.18	4.65	265	28.58	61.82	79.51
2024-06-01 00:00:00	9.68	10.7	4.16	264.9	28.6	58.78	86.25
2024-06-02 00:00:00	7.69	8.96	4.92	260.4	28.6	58.99	83.05
2024-06-03 00:00:00	7.45	10.07	5.12	268.9	28.56	62.64	78
2024-06-04 00:00:00	9.97	13.36	4.93	303.6	28.53	66.7	74.74
2024-06-05 00:00:00	10.21	13.83	4.57	230.6	28.56	68.76	74.9
2024-06-06 00:00:00	9.13	12.4	4.38	208.4	28.56	68.8	76.18
2024-06-07 00:00:00	7.74	10.39	4.76	219	28.57	66.2	78.88
2024-06-08 00:00:00	11.45	12.8	4.53	250.3	28.61	63.21	83.72
2024-06-09 00:00:00	5.83	6.94	3.85	265.4	28.64	62.33	82.6
2024-06-10 00:00:00	5.42	9.12	5.16	293.2	28.61	65.4	74.39
2024-06-11 00:00:00	6.95	14.26	4.81	285.6	28.58	66.96	74.15
2024-06-12 00:00:00	11.58	14.83	3.8	237.6	28.63	67.02	74.85
2024-06-13 00:00:00	5.5	8.33	4.41	261.8	28.65	64.82	75.85
2024-06-14 00:00:00	4.76	9.58	4.92	277.7	28.61	69.25	70.35
2024-06-15 00:00:00	6.43	12.76	4.08	275.7	28.51	78.92	40.89
2024-06-16 00:00:00	15.58	22.69	5.33	289.5	28.44	69.5	55.82
2024-06-17 00:00:00	11.24	17.08	5.37	273.6	28.41	66.25	66.92
2024-06-18 00:00:00	9.42	16.92	5.64	274.9	28.45	67.25	63.65
2024-06-19 00:00:00	11.67	15.78	5.17	296.7	28.52	65.11	74.55
2024-06-20 00:00:00	8.41	14.96	5.39	305.6	28.49	68.09	66.38
2024-06-21 00:00:00	6.26	13.8	5.49	320.2	28.46	71.86	57.73
2024-06-22 00:00:00	4.72	10.39	4.86	307.7	28.53	78.48	48.93
2024-06-23 00:00:00	2.87	6.77	5.51	290.2	28.59	80.45	40.61
2024-06-24 00:00:00	3.83	10.91	4.96	266.3	28.6	77.29	47.41
2024-06-25 00:00:00	5.25	11.03	4.9	289	28.62	75.58	51.37
2024-06-26 00:00:00	7.04	12.49	4.77	292.7	28.63	73.09	60.15
2024-06-27 00:00:00	7	12.36	5.3	304.1	28.54	71.97	63.21
2024-06-28 00:00:00	7.48	11.86	5.44	278.7	28.51	70.81	66.21
2024-06-29 00:00:00	6.13	9.86	4.35	265.6	28.57	72.24	62.44
2024-06-30 00:00:00	3.53	7.18	5.31	320	28.6	77.09	48.25

2024-07-01 00:00:00	5.22	17.53	4.94	279.9	28.56	75.36	52.2
2024-07-02 00:00:00	6.24	16.89	4.76	292.1	28.52	74.73	58.3
2024-07-03 00:00:00	5.63	11.47	4.94	301.1	28.57	79.59	53.76
2024-07-04 00:00:00	4.09	8.08	4.27	226.2	28.62	76.82	59.45
2024-07-05 00:00:00	6.37	12.39	4.91	325.9	28.53	85.38	48.75
2024-07-06 00:00:00	7.93	13.47	5.43	301.1	28.52	80.91	51.58
2024-07-07 00:00:00	9.99	12.86	4.64	269.9	28.59	76.95	65.59
2024-07-08 00:00:00	6.55	12.74	5.15	292.5	28.52	76.36	63.79
2024-07-09 00:00:00	6.89	15.23	5.01	306.4	28.52	79.2	58.88
2024-07-10 00:00:00	9.07	19.77	5.09	324.2	28.55	82.42	49.93
2024-07-11 00:00:00	12.2	21	5.16	278.8	28.55	80.73	51.43
2024-07-12 00:00:00	27.71	34.13	4.12	207.9	28.56	71.63	72.01
2024-07-13 00:00:00	7.53	11.94	4.78	224	28.62	75	65.39
2024-07-14 00:00:00	5.6	8.48	4.81	241.9	28.7	74.4	64.35
2024-07-15 00:00:00	5.31	9.88	4.76	229.9	28.68	74.46	61.85
2024-07-16 00:00:00	4.9	11.88	4.82	238.9	28.65	72.95	61.43
2024-07-17 00:00:00	4.65	9.51	4.8	280.2	28.63	75.28	59.45
2024-07-18 00:00:00	5.47	12.32	4.54	239.1	28.64	76.83	59.32
2024-07-19 00:00:00	4.9	11.63	4.49	308.5	28.65	79.01	52.51
2024-07-20 00:00:00	3.42	9.01	5.73	314.6	28.61	80.99	40.28
2024-07-21 00:00:00	3.7	7.63	4.73	302.4	28.57	81.2	40.45
2024-07-22 00:00:00	5.26	16.27	4.94	288.3	28.54	80.75	43.93
2024-07-23 00:00:00	4.68	10.9	4.89	241.5	28.59	80.15	49.28
2024-07-24 00:00:00	5.54	13.42	4.27	257.5	28.7	81.1	50
2024-07-25 00:00:00	7.76	16.94	4.44	231.5	28.69	82.09	51.23
2024-07-26 00:00:00	6.09	12.95	4.97	288.4	28.58	80	52.46
2024-07-27 00:00:00	6.39	12.46	4.48	248.2	28.55	72.52	57.27
2024-07-28 00:00:00	4.7	8.4	5.44	298.5	28.6	71.3	53.1
2024-07-29 00:00:00	4.22	10.95	5.54	326.4	28.64	72.35	43.89
2024-07-30 00:00:00	5.99	13	5.84	314.8	28.62	73.67	43.43
2024-07-31 00:00:00	6.02	11.75	5.81	311.3	28.6	75.31	43.07
2024-08-01 00:00:00	5.83	20.58	4.22	217.4	28.67	76.77	45.85
2024-08-02 00:00:00	5.42	12.49	5.35	292.1	28.7	80.97	48.48
2024-08-03 00:00:00	4.84	16.9	5.32	308.7	28.63	82.27	43.13
2024-08-04 00:00:00	3.8	8.29	5.27	315.6	28.57	82.67	41.3
2024-08-05 00:00:00	4.68	13.74	5.27	331.8	28.58	84.41	37.55
2024-08-06 00:00:00	5.38	13.6	5.39	283.3	28.61	83.4	37.85
2024-08-07 00:00:00	6.77	13.15	4.57	184.5	28.66	78.18	52.44
2024-08-08 00:00:00	7.25	12.51	4.95	275.8	28.6	74.12	60.98
2024-08-09 00:00:00	5.61	11.44	5.45	285.9	28.56	76.79	50.71
2024-08-10 00:00:00	6.1	13.42	4.75	291.9	28.56	78.76	49.47
2024-08-11 00:00:00	6.59	10.66	5.7	301.5	28.62	78.75	50
2024-08-12 00:00:00	6.55	11.81	5.56	312.4	28.61	77.38	52.19
2024-08-13 00:00:00	5.67	11.8	5.5	308.6	28.61	76.27	48.9
2024-08-14 00:00:00	5.79	13.31	5.26	310.8	28.64	74.16	50.46
2024-08-15 00:00:00	4.22	12.88	5.43	302.2	28.59	79.76	41.18

2024-08-16 00:00:00	4.69	12.96	6.04	313	28.57	76.52	45.5
2024-08-17 00:00:00	6.75	13.22	4.98	269.4	28.59	71.53	63.88
2024-08-18 00:00:00	4.96	8.55	5.35	314.8	28.62	73.22	60.46
2024-08-19 00:00:00	3.25	8.5	5.59	314.2	28.64	75.96	47.63
2024-08-20 00:00:00	2.91	9.58	6.02	320.5	28.64	78.79	33.32
2024-08-21 00:00:00	4.33	13.29	5.51	334.7	28.63	76.25	35.38
2024-08-22 00:00:00	5.23	12.48	5.47	299.5	28.61	71.46	52.39
2024-08-23 00:00:00	4.95	10.77	5.12	298.4	28.62	66.94	60.46
2024-08-24 00:00:00	5.1	9.59	5.35	304.5	28.68	66.24	59.85
2024-08-25 00:00:00	4.79	10.28	5.82	337.6	28.7	69.84	54.19
2024-08-26 00:00:00	5.56	14.25	5.75	338.5	28.7	74.13	51.64
2024-08-27 00:00:00	5.9	11.06	4.92	301.5	28.65	73.19	54.95
2024-08-28 00:00:00	6.53	11.73	4.69	297.1	28.65	69.84	61.79
2024-08-29 00:00:00	7.71	12.38	5.42	315.3	28.67	68.32	65.06
2024-08-30 00:00:00	6.73	12.36	5.3	323.9	28.68	71.26	62.96
2024-08-31 00:00:00	5.93	10.17	5.24	322.9	28.65	75.41	58.22
2024-09-01 00:00:00	5.71	9.08	4.72	302.3	28.6	77.99	52.71
2024-09-02 00:00:00	6.44	10.33	4.68	331.2	28.6	78.95	53.53
2024-09-03 00:00:00	6.34	15.63	4.12	21.8	28.62	73.63	56.14
2024-09-04 00:00:00	3.38	10.11	6.18	275.5	28.63	92.85	30.38
2024-09-05 00:00:00	3.96	12.56	5	341.3	28.62	90.43	29.23
2024-09-06 00:00:00	5.15	17.14	4.26	329.8	28.58	91.62	26.63
2024-09-07 00:00:00	4.53	12.89	5.07	333	28.52	88.37	29.53
2024-09-08 00:00:00	3.16	7.44	4.76	333.2	28.51	87.99	27.81
2024-09-09 00:00:00	3.64	13.07	5.68	314.4	28.55	85.82	30.95
2024-09-10 00:00:00	3.79	11.35	5.22	311.6	28.54	78.87	37.65
2024-09-11 00:00:00	4.84	12.46	5.7	300.3	28.47	68.11	47.11
2024-09-12 00:00:00	6.32	11.6	4.75	288.8	28.43	65.56	67.83
2024-09-13 00:00:00	8.87	12.69	5.53	305.6	28.5	65.64	72.99
2024-09-14 00:00:00	9.51	12.89	4.31	297.4	28.57	63.45	79.54
2024-09-15 00:00:00	7.44	9.22	4.16	253.6	28.57	62.77	79.78
2024-09-16 00:00:00	3.6	6.75	6.28	248.4	28.56	62.82	65.95
2024-09-17 00:00:00	4.47	8.2	5.54	301.7	28.62	59.93	68.38
2024-09-18 00:00:00	4.75	8.81	5.33	302.2	28.56	61.6	68.86
2024-09-19 00:00:00	4.5	7.54	4.35	289	28.58	61.08	72.52
2024-09-20 00:00:00	3.94	6.67	5.02	293.9	28.58	61.12	76.45
2024-09-21 00:00:00	5.51	7.71	5.55	300.1	28.6	62.9	76.97
2024-09-22 00:00:00	6.23	8.66	4.96	333.9	28.59	68.48	69.1
2024-09-23 00:00:00	3.93	9.08	5.52	329.6	28.54	75.04	50.99
2024-09-24 00:00:00	6.43	13.23	4.46	335.8	28.52	70.84	59.62
2024-09-25 00:00:00	12.35	16.45	4.51	310.3	28.54	66.4	73.28
2024-09-26 00:00:00	4.56	9.34	5.36	323	28.56	67.71	63.35
2024-09-27 00:00:00	3.93	8.85	4.91	339.5	28.54	68.76	55.18
2024-09-28 00:00:00	5.24	10.03	4.72	314.4	28.56	66.85	60.5
2024-09-29 00:00:00	3.93	6.84	5.56	336.8	28.58	68.85	52.47
2024-09-30 00:00:00	4.79	14.78	4.27	17.1	28.57	74.99	41.43

2024-10-01 00:00:00	4.76	12.6	4.86	357.5	28.62	79.44	39.85
2024-10-02 00:00:00	4.27	12.08	4.82	338.4	28.53	84.52	34.4
2024-10-03 00:00:00	4.96	11.71	5.24	334.2	28.49	81.7	36.98
2024-10-04 00:00:00	8.73	14.76	3.86	259	28.6	74.47	60.47
2024-10-05 00:00:00	5.31	10.72	4.39	355.7	28.65	77.82	50.52
2024-10-06 00:00:00	3.06	6.98	4.78	337.4	28.63	80.63	40.19
2024-10-07 00:00:00	3.92	11.64	4.63	333.1	28.58	78.27	40.28
2024-10-08 00:00:00	3.97	9.25	5.07	347.3	28.56	73.14	45.77
2024-10-09 00:00:00	4.57	10.89	5.13	342	28.63	71.39	49.15
2024-10-10 00:00:00	6.65	12.47	4.41	341	28.68	69.27	52.95
2024-10-11 00:00:00	5.68	11.32	4.88	343.5	28.73	69.7	47.23
2024-10-12 00:00:00	3.88	8.64	5.09	345.1	28.74	67.05	49.61
2024-10-13 00:00:00	3.77	7.39	5.15	318.5	28.7	64.4	60.37
2024-10-14 00:00:00	6.62	9.76	4.84	324.3	28.72	61.02	74.16
2024-10-15 00:00:00	12.47	15.44	4.84	293.2	28.7	60.3	79.36
2024-10-16 00:00:00	18.38	19.45	3.6	295.1	28.65	58.24	89.13
2024-10-17 00:00:00	10.8	12.62	4.56	258.8	28.55	61.1	79.81
2024-10-18 00:00:00	4.16	18.52	7.49	351.1	28.65	63.72	32.58
2024-10-19 00:00:00	3	9.81	7.02	0.7	28.75	66.15	22.81
2024-10-20 00:00:00	2.39	6.55	5.24	335.2	28.78	64.52	34.34
2024-10-21 00:00:00	2.56	7.91	5.07	340.4	28.76	65.22	38.04
2024-10-22 00:00:00	2.73	8.45	5.27	353.1	28.74	67.54	36.59
2024-10-23 00:00:00	3.1	8.96	5.3	338.9	28.72	70.01	34.2
2024-10-24 00:00:00	3.78	10.51	5.27	337	28.63	66.94	38.86
2024-10-25 00:00:00	3.49	8.5	5.07	335.3	28.69	65.44	44.64
2024-10-26 00:00:00	3.29	7.96	4.87	6.3	28.73	67.29	43.54
2024-10-27 00:00:00	3.58	7.12	4.55	351	28.69	67.16	44.61
2024-10-28 00:00:00	4.44	9.45	4.39	352.6	28.59	59.94	60.25
2024-10-29 00:00:00	1.54	5.65	6.64	351.6	28.62	55.91	50.96
2024-10-30 00:00:00	2.35	6.3	4.51	337.5	28.78	53.72	51.85
2024-10-31 00:00:00	2.77	6.51	4.79	325.2	28.73	53.74	55.85
2024-11-01 00:00:00	3.26	8.53	4.35	332.6	28.64	55.61	55.24
2024-11-02 00:00:00	4.15	6.98	4.32	300.8	28.61	53.63	71.62
2024-11-03 00:00:00	2.36	8.71	9.48	347	28.59	57.89	52.7
2024-11-04 00:00:00	1.13	4.4	8.05	41.7	28.76	61.79	30.38
2024-11-05 00:00:00	1.91	6.55	5.03	338	28.64	58.66	38.04
2024-11-06 00:00:00	3.98	22.48	15.58	69.7	28.69	61.03	20.09
2024-11-07 00:00:00	0.9	4.13	9.05	36.2	28.84	60.02	16.22
2024-11-08 00:00:00	3.69	8.64	4.61	339.7	28.78	56.75	24.55
2024-11-09 00:00:00	5.64	11.45	4.92	350.6	28.67	56.5	31.61
2024-11-10 00:00:00	5.38	15.08	4.86	352.1	28.69	57.93	33.52
2024-11-11 00:00:00	1.74	3.91	5.72	350.4	28.71	54.94	49.35
2024-11-12 00:00:00	0.5	2.15	9.55	10.3	28.77	58.2	38.67
2024-11-13 00:00:00	0.94	2.94	4.29	321.5	28.77	57.5	29.56
2024-11-14 00:00:00	1.73	3.93	5.22	348.8	28.62	55.59	48.85
2024-11-15 00:00:00	1.92	2.88	4.22	350	28.56	52.02	62.91

2024-11-16 00:00:00	0.71	1.38	6.58	8.6	28.63	51.72	43.33
2024-11-17 00:00:00	0.75	1.63	4.06	3	28.66	51.05	37.13
2024-11-18 00:00:00	1.11	2.66	5.43	350.9	28.66	50.73	43.07
2024-11-19 00:00:00	1.12	2.88	6.53	26.1	28.77	52.75	36.11
2024-11-20 00:00:00	1.73	5.59	3.92	4.9	28.85	51.56	32.81
2024-11-21 00:00:00	1.32	3.31	4.96	356	28.82	52.84	32.49
2024-11-22 00:00:00	1.62	4.07	4.83	344.5	28.73	53.55	37.65
2024-11-23 00:00:00	1.41	2.69	2.71	295.9	28.68	49.53	76.85
2024-11-24 00:00:00	0.78	1.41	3.68	275.9	28.74	52.71	82.98
2024-11-25 00:00:00	0.81	1.34	3.16	333.9	28.83	53.75	74.07
2024-11-26 00:00:00	0.53	0.7	3.5	252.9	28.78	57.02	83.16
2024-11-27 00:00:00	0.96	1.9	4.85	30.7	28.73	59.68	61.57
2024-11-28 00:00:00	0.4	1.16	9.15	43	28.79	58.4	25.41
2024-11-29 00:00:00	0.35	0.79	8.32	53.1	28.79	58.05	22.9
2024-11-30 00:00:00	0.72	1.79	8.06	48	28.79	61.97	17.97
2024-12-01 00:00:00	1.04	2.4	4.85	20.3	28.8	62.84	20.87
2024-12-02 00:00:00	0.86	2.44	4.94	10.7	28.79	57.97	22.28
2024-12-03 00:00:00	1.54	3.59	4.26	344.9	28.79	55.41	37.9
2024-12-04 00:00:00	3.07	4.62	4.26	357.2	28.83	47.54	61.51
2024-12-05 00:00:00	2.1	3.72	4.7	23.9	28.8	57.45	47.51
2024-12-06 00:00:00	0.99	2.46	5.93	19.6	28.81	60.04	31.78
2024-12-07 00:00:00	0.82	1.77	4.35	316.9	28.8	61.44	27.62
2024-12-08 00:00:00	1.56	2.47	4	10.2	28.75	53.09	46.84
2024-12-09 00:00:00	1.69	3.95	8.79	43.2	28.82	54.75	38.09
2024-12-10 00:00:00	0.52	1.89	10.02	37.3	29.02	57.56	13.89
2024-12-11 00:00:00	0.67	1.75	7.7	39.9	28.84	53.82	16.15
2024-12-12 00:00:00	1.45	3.03	4.75	337.6	28.65	46.9	43.92
2024-12-13 00:00:00	2.45	3.44	4.17	341.1	28.82	47.85	71.7
2024-12-14 00:00:00	2.12	2.86	4.59	319.8	28.85	48.43	77.89
2024-12-15 00:00:00	1.15	1.92	5.82	17.9	28.85	50.9	51.45
2024-12-16 00:00:00	1.39	3	4.4	339.6	28.81	53.42	36.79
2024-12-17 00:00:00	1.04	2.47	8.68	41.5	28.83	61.1	30.42
2024-12-18 00:00:00	0.59	1.35	7.72	35.4	28.86	69.05	22.81
2024-12-19 00:00:00	0.63	2.12	5.86	12.4	28.81	63.04	28.67
2024-12-20 00:00:00	1.23	2.95	3.8	2.2	28.84	56.89	43.17
2024-12-21 00:00:00	1.42	2.8	4.6	339.1	28.84	53.75	51.89
2024-12-22 00:00:00	0.91	1.82	3.82	344.5	28.8	54.52	49.78
2024-12-23 00:00:00	0.95	1.93	4.42	348.5	28.79	58.74	61.05
2024-12-24 00:00:00	0.76	1.33	4.92	353.9	28.74	53.73	65.58
2024-12-25 00:00:00	0.26	1.09	8.77	11.1	28.76	54.98	45.47
2024-12-26 00:00:00	0.51	1.4	4.03	311.6	28.73	57.08	38.16
2024-12-27 00:00:00	0.69	1.16	4.12	332.5	28.73	51.3	73.7
2024-12-28 00:00:00	0.57	1.05	3.81	336.4	28.77	54.53	69.1
2024-12-29 00:00:00	0.5	0.82	4.37	339.5	28.78	52.08	69.3
2024-12-30 00:00:00	0.67	1.24	5.17	16.9	28.73	53.68	68.22
2024-12-31 00:00:00	0.53	1.37	6.96	17.2	28.74	51.2	51.95

Annual 2024 Daily Averaged Data MS-08

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	0.19	0.26	2.53	298.5	28.77	48.15	74.53
2024-01-02 00:00:00	0.22	0.28	1.91	245.2	28.85	47.22	79.58
2024-01-03 00:00:00	0.19	0.25	2.08	203.3	28.72	49.85	77.18
2024-01-04 00:00:00	0.11	0.23	4.11	347.9	28.81	47.74	60.1
2024-01-05 00:00:00	0.18	0.29	1.97	259	28.81	45.29	67.81
2024-01-06 00:00:00	0.33	0.43	2.68	250.5	28.74	46.27	69.73
2024-01-07 00:00:00	0.22	0.4	5.26	333	28.63	45.74	50.26
2024-01-08 00:00:00	0.13	0.27	3.11	308.8	28.89	43.89	48.25
2024-01-09 00:00:00	0.15	0.3	2.08	253.1	28.82	41.94	61.87
2024-01-10 00:00:00	0.26	0.38	2.05	238.2	28.63	43.56	74.15
2024-01-11 00:00:00	0.21	0.38	3.54	307.9	28.69	43.15	56.93
2024-01-12 00:00:00	0.19	0.32	2.2	244.5	28.79	40.79	57.59
2024-01-13 00:00:00	0.31	0.43	2.22	247.5	28.72	45.22	65.51
2024-01-14 00:00:00	0.5	0.59	2.17	248.8	28.69	45.56	78.25
2024-01-15 00:00:00	0.21	0.3	2.22	244.5	28.71	48.32	72.2
2024-01-16 00:00:00	0.22	0.36	2	244.1	28.73	50.48	70.21
2024-01-17 00:00:00	0.44	0.52	1.77	239	28.7	48.65	87.29
2024-01-18 00:00:00	0.9	1.03	1.69	187.4	28.74	52.07	73.92
2024-01-19 00:00:00	0.58	0.73	1.6	227.3	28.68	52.95	72.02
2024-01-20 00:00:00	0.56	0.6	1.08	241.5	28.58	51.22	91.16
2024-01-21 00:00:00	0.38	0.42	1.54	235.5	28.56	53.68	86.64
2024-01-22 00:00:00	0.26	0.3	1.5	228	28.46	52.88	93.8
2024-01-23 00:00:00	0.41	0.48	3.18	321.7	28.6	54.33	73.03
2024-01-24 00:00:00	0.49	0.57	1.61	229.8	28.77	48.71	84.78
2024-01-25 00:00:00	0.4	0.46	2.31	253.1	28.79	54.55	71.14
2024-01-26 00:00:00	0.15	0.25	2.89	352.3	28.9	53.67	57.33
2024-01-27 00:00:00	0.1	0.2	3.38	69.9	28.91	62.34	36.22
2024-01-28 00:00:00	0.1	0.22	3.43	61.3	28.83	66.67	37.34
2024-01-29 00:00:00	0.17	0.34	2.23	233.6	28.79	58.51	54.73
2024-01-30 00:00:00	0.26	0.51	2.02	243	28.72	53.62	66.24
2024-01-31 00:00:00	0.66	0.79	2.07	247.1	28.62	53.93	69.52
2024-02-01 00:00:00	0.2	0.24	2.86	312.3	28.43	50.21	86.4
2024-02-02 00:00:00	0.35	0.4	2.19	241.1	28.57	47.73	82.09
2024-02-03 00:00:00	0.4	0.44	1.89	238.5	28.66	47.08	79.12
2024-02-04 00:00:00	0.21	0.24	2.28	271.6	28.58	47.82	89.87
2024-02-05 00:00:00	0.15	0.17	1.25	229.4	28.51	50.23	95.88
2024-02-06 00:00:00	0.11	0.14	1.1	190.1	28.36	47.29	92.15
2024-02-07 00:00:00	0.25	0.31	2.88	253.8	28.52	47.55	81.74
2024-02-08 00:00:00	0.32	0.37	2.03	237	28.62	44	81.02
2024-02-09 00:00:00	0.23	0.34	2.4	252.3	28.68	44.48	71.91
2024-02-10 00:00:00	0.21	0.3	3.18	5.6	28.72	48.58	52.75
2024-02-11 00:00:00	0.14	0.22	2.71	28.5	28.83	48.34	49.92
2024-02-12 00:00:00	0.11	0.22	2.62	278.6	28.75	46.1	61.16
2024-02-13 00:00:00	0.28	0.42	2.19	254.1	28.67	46.28	71.91

2024-02-14 00:00:00	0.54	0.6	2.13	252.6	28.78	46.1	81.79
2024-02-15 00:00:00	0.34	0.44	1.9	241.7	28.81	49.41	81.38
2024-02-16 00:00:00	0.22	0.33	1.97	242.5	28.76	50.28	74.88
2024-02-17 00:00:00	0.47	0.56	2.13	241.9	28.73	50.68	80.55
2024-02-18 00:00:00	0.14	0.17	1.69	237.5	28.71	51.41	88.96
2024-02-19 00:00:00	0.08	0.11	1.54	309	28.72	53.28	93.87
2024-02-20 00:00:00	0.11	0.13	1.25	266.6	28.75	52.81	94.62
2024-02-21 00:00:00	0.25	0.31	2.05	224.9	28.77	53.01	83.87
2024-02-22 00:00:00	0.21	0.3	2.07	248.7	28.84	50.04	72.32
2024-02-23 00:00:00	0.17	0.3	3.16	301.1	28.76	55.45	58.79
2024-02-24 00:00:00	0.19	0.33	2.12	238.2	28.72	55.88	60.17
2024-02-25 00:00:00	0.21	0.29	1.95	227.7	28.71	52.71	72.88
2024-02-26 00:00:00	0.26	0.31	1.6	242	28.67	50.98	84.02
2024-02-27 00:00:00	0.3	0.37	2.2	241.3	28.65	53.65	81.92
2024-02-28 00:00:00	0.33	0.45	2.2	253.9	28.7	53.23	75.5
2024-02-29 00:00:00	0.61	0.67	2.2	237.5	28.79	51.64	83.72
2024-03-01 00:00:00	0.14	0.17	2.15	257.9	28.76	52.02	84.97
2024-03-02 00:00:00	0.24	0.26	3.62	239.3	28.65	51.19	85.98
2024-03-03 00:00:00	0.34	0.38	2.79	249.7	28.68	49.65	82.62
2024-03-04 00:00:00	0.33	0.41	2.2	235.5	28.73	48.2	77.53
2024-03-05 00:00:00	0.37	0.45	2.31	255.3	28.7	49.55	78.54
2024-03-06 00:00:00	0.24	0.28	1.67	249.4	28.56	48.52	89.38
2024-03-07 00:00:00	0.19	0.26	2.21	261.6	28.58	49.83	76.42
2024-03-08 00:00:00	0.25	0.35	2.49	251.9	28.78	52.26	66.51
2024-03-09 00:00:00	0.28	0.45	2.38	256.6	28.78	51.6	66.33
2024-03-10 00:00:00	0.21	0.3	2.3	250.6	28.74	50.7	67.19
2024-03-11 00:00:00	0.33	0.42	2.38	247.8	28.73	50.13	76.19
2024-03-12 00:00:00	0.5	0.61	2.36	242.3	28.76	54.68	78.5
2024-03-13 00:00:00	0.55	0.82	4.68	335.4	28.68	54.19	60.5
2024-03-14 00:00:00	1.07	2.37	5.08	33.9	28.56	56.05	36.14
2024-03-15 00:00:00	0.26	0.47	2.75	27.9	28.52	53.86	51.58
2024-03-16 00:00:00	0.27	0.41	2.51	246.4	28.68	50.36	67.56
2024-03-17 00:00:00	0.38	0.53	2.44	249	28.73	53.67	69.19
2024-03-18 00:00:00	0.39	0.76	2.82	264	28.73	57.08	66.78
2024-03-19 00:00:00	0.44	0.6	2.39	241.2	28.7	56.87	71.83
2024-03-20 00:00:00	0.57	0.73	2.57	242.5	28.68	57.35	72.95
2024-03-21 00:00:00	0.9	1.07	2.46	245.4	28.74	55.2	76.08
2024-03-22 00:00:00	0.72	0.89	2.46	251.4	28.72	55.33	77.37
2024-03-23 00:00:00	0.43	0.5	2.47	240	28.54	53.12	80.24
2024-03-24 00:00:00	0.19	0.24	2.48	274.5	28.48	47.75	74.39
2024-03-25 00:00:00	0.23	0.32	2.94	277.2	28.58	53.31	61.88
2024-03-26 00:00:00	1.6	2.33	2.26	233.3	28.67	45.49	83.88
2024-03-27 00:00:00	5.02	6.72	2.78	250	28.8	55.7	67.33
2024-03-28 00:00:00	4.17	5.74	2.23	237.3	28.7	52.02	76.42
2024-03-29 00:00:00	3.98	5.11	2.83	256.8	28.55	48.63	73.38
2024-03-30 00:00:00	1.84	2.44	2.53	60.4	28.38	49.22	83.71

2024-03-31 00:00:00	0.96	1.28	1.85	207	28.45	50.2	81.52
2024-04-01 00:00:00	1.14	1.95	2.58	246	28.64	54.99	69.59
2024-04-02 00:00:00	1.89	2.92	2.76	257	28.88	57.6	64.54
2024-04-03 00:00:00	2.91	4.16	2.4	254	28.78	57.47	69.73
2024-04-04 00:00:00	5.72	6.73	2.78	250.1	28.56	49.41	78.65
2024-04-05 00:00:00	1.81	2.36	2.53	253.6	28.59	43.54	79.89
2024-04-06 00:00:00	1.63	2.26	2.42	266.5	28.83	45.75	68.19
2024-04-07 00:00:00	2.29	3.05	2.59	273.4	28.72	49.45	64.44
2024-04-08 00:00:00	2.2	3.47	2.97	1.1	28.64	58.05	43.63
2024-04-09 00:00:00	1.89	3.27	2.77	248.2	28.75	57.8	50.75
2024-04-10 00:00:00	3.25	5.13	2.47	246.2	28.72	61.15	56.79
2024-04-11 00:00:00	3.84	6.03	2.32	246.7	28.58	63.41	62.03
2024-04-12 00:00:00	11.92	13.18	2.58	243.3	28.56	54.55	76.95
2024-04-13 00:00:00	3.51	4.5	2.91	295.1	28.68	50.77	77.19
2024-04-14 00:00:00	1.17	1.6	1.48	259.3	28.75	46.01	91.89
2024-04-15 00:00:00	1.61	2.47	2.47	245.1	28.73	53.13	76.08
2024-04-16 00:00:00	0.99	1.72	1.9	250	28.73	42.53	91.52
2024-04-30 00:00:00	8.16	11.03	3.62	237.9	28.5	68.75	56.34
2024-05-01 00:00:00	6.97	9.1	2.71	266.7	28.51	60.89	64.1
2024-05-02 00:00:00	7.18	9.87	2.67	240.1	28.54	59.22	63.62
2024-05-03 00:00:00	15.58	17.53	2.22	238.1	28.54	57.78	80.55
2024-05-04 00:00:00	8.67	9.54	2.69	243.6	28.55	55.32	84.77
2024-05-05 00:00:00	0.88	1.46	3.34	335	28.58	55.08	57.7
2024-05-06 00:00:00	1.54	3.15	2.78	261	28.65	57.89	49.84
2024-05-07 00:00:00	3.63	5.27	2.69	242.2	28.56	59.23	59.9
2024-05-08 00:00:00	5.76	8.59	2.95	243.6	28.51	61.58	58.43
2024-05-09 00:00:00	7.46	9.92	2.85	243.2	28.58	61.85	64.33
2024-05-10 00:00:00	8.33	10.19	2.45	234.6	28.6	62.1	71.39
2024-05-11 00:00:00	5.21	6.64	2.53	233.4	28.58	63.24	67.72
2024-05-12 00:00:00	6.93	8.12	2.41	238.3	28.59	62.15	73.51
2024-05-13 00:00:00	16.02	17.2	2.18	251.6	28.6	61.64	78.64
2024-05-14 00:00:00	20.14	21.37	2.26	245.8	28.57	61.1	79.45
2024-05-15 00:00:00	15.59	16.7	2.47	244.1	28.57	59.38	79.28
2024-05-16 00:00:00	10.49	11.99	2.69	241.1	28.6	61.27	75.76
2024-05-17 00:00:00	10.42	11.64	2.05	247.6	28.62	59.95	78.56
2024-05-18 00:00:00	7.8	9.05	2.29	259.6	28.64	60.72	76.21
2024-05-19 00:00:00	6.61	7.48	2.38	240.5	28.67	57.93	77.4
2024-05-20 00:00:00	6.8	7.78	2.19	251.5	28.63	54.08	82.34
2024-05-21 00:00:00	8.64	10.46	2.52	237.2	28.6	59.88	73.6
2024-05-22 00:00:00	10.12	11.79	2.54	235.2	28.6	57.98	78.55
2024-05-23 00:00:00	11.6	13.17	2.27	233.3	28.59	59.13	78.2
2024-05-24 00:00:00	10.08	11.69	2.47	243.7	28.58	59.16	74.05
2024-05-25 00:00:00	5.42	6.68	2.53	262.7	28.62	56.65	74
2024-05-26 00:00:00	5.09	6.06	2.53	256	28.66	56.3	78.04
2024-05-27 00:00:00	6.6	8.21	2.64	242.8	28.67	61.32	73.08
2024-05-28 00:00:00	7.01	8.93	2.23	241.9	28.67	61.78	74.1

2024-05-29 00:00:00	9.87	11.64	2.88	232.2	28.65	61.33	76.24
2024-05-30 00:00:00	11.39	13.68	2.56	237.7	28.6	64.02	71.82
2024-05-31 00:00:00	11.95	13.63	2.38	242.5	28.55	62.5	75.08
2024-06-01 00:00:00	12.1	13	2.21	253.7	28.57	59.31	82.8
2024-06-02 00:00:00	10.4	11.34	2.58	262.8	28.57	60.08	79.19
2024-06-03 00:00:00	9.11	10.65	2.54	233.9	28.53	63.34	75.62
2024-06-04 00:00:00	12.13	14.39	2.57	233.8	28.5	67.62	72.35
2024-06-05 00:00:00	11.76	14.29	2.45	232.5	28.53	70.38	70.75
2024-06-06 00:00:00	10.83	12.93	2.36	226.3	28.54	70.01	72.4
2024-06-07 00:00:00	9.41	11.17	2.31	247.6	28.55	67.83	74.55
2024-06-08 00:00:00	13.12	14.09	2.27	241.4	28.58	63.79	81.12
2024-06-09 00:00:00	6.47	7.21	2.14	239.1	28.61	62.71	79.29
2024-06-10 00:00:00	5.99	7.89	2.57	235.7	28.58	65.57	72.35
2024-06-11 00:00:00	7.46	9.61	2.57	239.2	28.55	67.91	70.91
2024-06-12 00:00:00	13.63	15.53	2.28	257.3	28.6	67.77	71.88
2024-06-13 00:00:00	5.91	7.57	2.49	230.7	28.62	65.13	71.46
2024-06-14 00:00:00	5.25	8.2	2.42	232.2	28.58	70.47	66.14
2024-06-15 00:00:00	7.13	11.03	2.45	246.9	28.48	76.63	44.14
2024-06-16 00:00:00	18.5	23	2.85	235.2	28.41	69.39	54.24
2024-06-17 00:00:00	13.35	16.81	3.05	231.5	28.38	66.95	64.44
2024-06-18 00:00:00	10.47	14.98	2.9	235.6	28.42	67.15	61.86
2024-06-19 00:00:00	13.81	16.74	2.58	239.1	28.49	65.26	72.49
2024-06-20 00:00:00	9.99	13.7	2.8	238.9	28.46	68.02	65.08
2024-06-21 00:00:00	7.71	11.95	2.62	241.7	28.43	71.3	58.6
2024-06-22 00:00:00	5.85	9.63	2.5	246.7	28.5	77.3	51.01
2024-06-23 00:00:00	3.41	6.18	2.74	240.5	28.56	79.56	42.08
2024-06-24 00:00:00	4.47	8.83	2.62	246.4	28.57	77.4	46.45
2024-06-25 00:00:00	6.44	9.83	2.54	240.9	28.59	75.48	51.68
2024-06-26 00:00:00	9.27	13.66	2.46	238.6	28.6	73.46	59.08
2024-06-27 00:00:00	9.43	13.52	2.55	243.2	28.51	72.18	63.53
2024-06-28 00:00:00	10.1	13.81	2.63	240.1	28.48	70.88	66.25
2024-06-29 00:00:00	8.04	10.73	2.5	241.3	28.55	72.57	60.79
2024-06-30 00:00:00	4.42	7.3	2.59	253.5	28.57	75.97	49.78
2024-07-01 00:00:00	5.11	8.64	2.62	246.5	28.54	75.01	50.75
2024-09-03 00:00:00	5.17	9.37	3.03	226.4	28.58	84.76	37.93
2024-09-04 00:00:00	3.83	6.76	2.64	250.1	28.62	81.45	40.68
2024-09-05 00:00:00	4.24	7.57	2.05	256.1	28.63	76.07	45.58
2024-09-20 00:00:00	2.35	4.53	2.81	246.4	28.55	66.82	67.22
2024-09-21 00:00:00	3.45	4.23	2.4	243.8	28.58	62.66	75.25
2024-09-22 00:00:00	3.61	4.5	2.38	239.1	28.57	68.03	67.71
2024-09-23 00:00:00	2.34	4.25	2.23	243.6	28.52	73.47	53.64
2024-09-24 00:00:00	2.56	4.08	2.25	238.4	28.5	71.02	55.84
2024-09-25 00:00:00	5.17	6.36	2.28	240	28.51	65.72	70.06
2024-09-26 00:00:00	2.47	3.89	2.56	245.7	28.53	66.85	63.77
2024-09-27 00:00:00	1.99	3.43	2.4	247.7	28.52	67.71	54.76
2024-09-28 00:00:00	2.28	3.4	2.24	245.2	28.54	66.69	57.4

2024-09-29 00:00:00	2.06	3.19	2.33	246.4	28.56	67.43	53.4
2024-09-30 00:00:00	2.53	4.6	2.1	253.9	28.55	73.32	44.29
2024-10-01 00:00:00	2.32	3.98	1.93	227.8	28.61	74.48	44.21
2024-10-02 00:00:00	1.89	3.5	2.18	245.8	28.51	82.48	35.4
2024-10-03 00:00:00	2.11	3.65	2.39	237.7	28.47	81.08	35.83
2024-10-04 00:00:00	3.05	4.33	1.84	237	28.58	75.13	55.53
2024-10-05 00:00:00	2.02	3.14	2.23	232.4	28.63	77.07	51.08
2024-10-06 00:00:00	1.47	2.66	2.27	245.6	28.62	78.87	41.6
2024-10-07 00:00:00	1.64	2.9	2.16	244.8	28.56	76.51	42.22
2024-10-08 00:00:00	1.69	2.83	2.26	250.4	28.54	71.12	49.38
2024-10-09 00:00:00	1.76	3.01	2.17	248	28.61	69.48	51
2024-10-10 00:00:00	2.38	3.71	2.26	249.9	28.66	67.73	53.79
2024-10-11 00:00:00	2.04	3.17	2.3	249.5	28.71	67.43	50.74
2024-10-12 00:00:00	1.86	3.34	2.35	249.3	28.72	65.06	52.2
2024-10-13 00:00:00	1.68	2.75	2.37	248.7	28.67	63	60.84
2024-10-14 00:00:00	2.42	3.31	2.35	241.3	28.7	60.13	73.44
2024-10-15 00:00:00	4.23	5.05	2.25	243.1	28.67	59.58	77.24
2024-10-16 00:00:00	8.38	8.72	1.89	265.3	28.62	58.58	87.16
2024-10-17 00:00:00	5.02	5.64	2.27	246.5	28.52	60.97	77.98
2024-10-18 00:00:00	2.32	5.86	3.28	346.1	28.63	62.53	33.45
2024-10-19 00:00:00	1.71	3.57	2.82	287	28.73	62.37	27.28
2024-10-20 00:00:00	1.27	2.45	2.42	259	28.76	61.6	38.75
2024-10-21 00:00:00	1.23	2.43	2.3	247.1	28.73	62.01	43.14
2024-10-22 00:00:00	1.2	2.3	2.38	250.3	28.71	64.45	41.49
2024-10-23 00:00:00	1.67	3.13	2.41	254.8	28.7	66.02	40.12
2024-10-24 00:00:00	2.77	6.26	2.32	250.8	28.61	63.77	44.11
2024-10-25 00:00:00	1.83	6.76	2.32	257.2	28.66	62.51	49.28
2024-10-26 00:00:00	1.48	3.02	2.11	253.4	28.71	64.81	46.71
2024-10-27 00:00:00	1.83	3.28	1.84	238	28.67	65.85	45.55
2024-10-28 00:00:00	2.34	4.23	2.21	273.3	28.56	57.69	62.54
2024-10-29 00:00:00	1.02	2.7	3.15	313.9	28.6	54.23	54.19
2024-10-30 00:00:00	1.11	2.07	2.25	250.8	28.75	51.7	55.55
2024-10-31 00:00:00	1.43	2.54	2.29	246.8	28.7	51.11	60.17
2024-11-01 00:00:00	1.64	3.05	2.19	254	28.61	52.39	62.66
2024-11-02 00:00:00	1.65	2.4	2.01	255.1	28.58	52.05	74.35
2024-11-03 00:00:00	1.75	5.29	4.62	342.4	28.57	57.63	52.08
2024-11-04 00:00:00	0.84	2.08	2.61	301.3	28.74	57.61	37.07
2024-11-05 00:00:00	1.27	2.68	2.12	252.1	28.62	56.03	44.36
2024-11-06 00:00:00	2.59	8.35	5.06	59.6	28.67	60.37	21.54
2024-11-07 00:00:00	0.69	1.97	3.11	30.4	28.82	57.56	19.11
2024-11-08 00:00:00	1.54	2.64	2.31	249.5	28.76	53.03	29.43
2024-11-09 00:00:00	2.08	3.25	2.17	247.2	28.66	52.92	36.81
2024-11-10 00:00:00	2.25	3.14	2.23	247.1	28.68	54.48	39.12
2024-11-11 00:00:00	1.87	3.13	2.44	235.6	28.69	52.6	54.06
2024-11-12 00:00:00	0.6	1.73	3.96	354.5	28.76	56.88	40.57
2024-11-13 00:00:00	0.87	1.79	2.07	244.4	28.76	52.68	36.38

2024-11-14 00:00:00	1.36	2.21	2.18	247.3	28.62	51.74	53.4
2024-11-15 00:00:00	1.66	2.21	2.14	279.5	28.54	50.17	63.75
2024-11-16 00:00:00	0.61	1.23	3.23	338.3	28.62	49.88	45.97
2024-11-17 00:00:00	0.53	1.05	2.11	238.8	28.65	47.45	43.29
2024-11-18 00:00:00	0.86	1.66	2.67	274.3	28.65	48.24	48
2024-11-19 00:00:00	0.93	1.85	2.58	287.7	28.76	49.59	41.08
2024-11-20 00:00:00	0.93	1.8	2.1	242.5	28.84	47.15	39.62
2024-11-21 00:00:00	0.98	1.95	2.25	245.9	28.81	47.72	38.9
2024-11-22 00:00:00	1.05	1.82	2.04	246.2	28.72	49.62	43.1
2024-11-23 00:00:00	0.95	1.28	1.32	228	28.67	48.84	79.58
2024-11-24 00:00:00	0.44	0.55	1.82	255.7	28.73	50.68	85.35
2024-11-25 00:00:00	0.53	0.72	1.21	239.4	28.82	52.72	77.77
2024-11-26 00:00:00	0.35	0.5	1.53	263.1	28.77	56.75	81.65
2024-11-27 00:00:00	1.26	1.77	1.99	34.6	28.7	60	51.84
2024-11-28 00:00:00	0.41	0.77	3.11	30.2	28.77	54.29	35.48
2024-11-29 00:00:00	0.45	0.72	2.71	38.1	28.77	53.95	30.85
2024-11-30 00:00:00	0.59	1.14	2.55	55.3	28.76	61.65	21.62
2024-12-01 00:00:00	0.84	1.51	2.27	247.1	28.78	58.66	26
2024-12-02 00:00:00	0.54	1	2.29	258.1	28.77	53.64	28.43
2024-12-03 00:00:00	1.3	2.38	1.97	243	28.76	51.87	42.41
2024-12-04 00:00:00	1.98	3	2.24	239	28.8	49.58	58.43
2024-12-05 00:00:00	0.93	1.36	2.18	243.4	28.77	52.54	53.65
2024-12-06 00:00:00	0.79	1.56	2.6	278.8	28.78	56.08	39.05
2024-12-07 00:00:00	1.15	2.72	2.23	255	28.78	54.95	36.06
2024-12-08 00:00:00	1.17	1.75	1.87	242.8	28.73	49.74	50.06
2024-12-09 00:00:00	1.01	1.98	3.09	76.7	28.81	56.13	35.04
2024-12-10 00:00:00	0.54	1.48	3.63	53.8	29	55.62	15.78
2024-12-11 00:00:00	0.9	1.78	2.09	301.8	28.83	46.4	23.98
2024-12-12 00:00:00	1.16	1.85	2.12	253.4	28.63	49.56	53.66
2024-12-13 00:00:00	2.08	2.59	2.13	251.9	28.81	49.83	68.98
2024-12-14 00:00:00	1.84	2.24	2.23	243.7	28.83	49.29	76.23
2024-12-15 00:00:00	0.95	1.55	2.74	287.6	28.83	51.09	45.38
2024-12-16 00:00:00	1.17	2.38	1.99	255.7	28.78	50.7	41.93
2024-12-17 00:00:00	0.78	1.57	3.16	51.2	28.82	60.04	33
2024-12-18 00:00:00	0.51	1.09	3.11	38.6	28.84	66.73	25.16
2024-12-19 00:00:00	0.55	1.07	2.57	285.3	28.79	58.47	34.19
2024-12-20 00:00:00	1.24	2.02	1.97	237	28.82	53.02	46.66
2024-12-21 00:00:00	1.71	2.53	2.15	242	28.82	51.04	55.63
2024-12-22 00:00:00	1.21	1.94	1.7	234.3	28.77	52.41	51.91
2024-12-23 00:00:00	1.06	1.61	1.78	225.5	28.76	61.52	58.1
2024-12-24 00:00:00	1.72	2.34	2.16	208	28.7	55.43	70.44
2024-12-25 00:00:00	0.33	0.75	3.43	14.1	28.74	56.46	42.08
2024-12-26 00:00:00	1.04	1.99	2.22	246.9	28.7	58.76	40.06
2024-12-27 00:00:00	1.18	1.45	2.19	265.1	28.71	53.32	76.88
2024-12-28 00:00:00	0.58	0.92	1.89	241.9	28.75	55.21	63.17
2024-12-29 00:00:00	0.87	1.17	2.18	242.6	28.76	53.8	67.22

2024-12-30 00:00:00	0.72	1.05	2.35	264.9	28.7	51.87	66.78
2024-12-31 00:00:00	1.04	1.63	2.24	229.1	28.72	49.76	53.85

Annual 2024 Daily Averaged Data MS-09

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	0.01	0.05	3.95	20.9	28.81	51.63	66.07
2024-01-02 00:00:00	0.05	0.1	2.14	293.8	28.9	48.11	77.41
2024-01-03 00:00:00	0.03	0.08	3.37	328.5	28.76	50.66	72.09
2024-01-04 00:00:00	0	0.05	7.73	19.3	28.86	49.52	54.99
2024-01-05 00:00:00	0.02	0.07	2.43	355.9	28.86	46.72	63.72
2024-01-06 00:00:00	0.07	0.12	2.51	259.6	28.78	46.98	67.69
2024-01-07 00:00:00	0.03	0.09	8.53	20.2	28.67	45.38	51.01
2024-01-08 00:00:00	0	0.05	4.62	27.3	28.93	45.79	43.27
2024-01-09 00:00:00	0.04	0.09	2.18	352.5	28.86	43.75	57.84
2024-01-10 00:00:00	0.05	0.1	2.66	327.5	28.68	45.72	68.03
2024-01-11 00:00:00	0.02	0.08	5.8	10.6	28.73	44.26	52.51
2024-01-12 00:00:00	0.04	0.09	2.35	325.3	28.84	42.4	52.85
2024-01-13 00:00:00	0.07	0.13	2.49	315.5	28.76	46.61	61.55
2024-01-14 00:00:00	0.12	0.17	2.07	325.1	28.73	46.95	75.23
2024-01-15 00:00:00	0.04	0.09	2.63	358.2	28.75	49.95	67.31
2024-01-16 00:00:00	0.06	0.11	2.09	326.9	28.77	51.75	66.73
2024-01-17 00:00:00	0.1	0.15	1.98	336.7	28.74	49.28	85.07
2024-01-18 00:00:00	0.14	0.19	1.75	61.7	28.78	52.79	72.96
2024-01-19 00:00:00	0.15	0.2	1.66	3.9	28.71	53.62	69.81
2024-01-20 00:00:00	0.13	0.17	1.4	342.4	28.61	51.73	89.17
2024-01-21 00:00:00	0.09	0.13	1.58	309.5	28.59	54.17	85.52
2024-01-22 00:00:00	0.04	0.08	1.57	8.9	28.49	53.23	92.23
2024-01-23 00:00:00	0.04	0.08	4.28	13.6	28.64	54.91	71.4
2024-01-24 00:00:00	0.12	0.17	1.38	336.8	28.81	49.13	83.18
2024-01-25 00:00:00	0.11	0.16	3.02	26	28.83	54.88	70
2024-01-26 00:00:00	0.01	0.06	4.09	38.1	28.94	55.47	52.65
2024-01-27 00:00:00	-0.02	0.03	5.67	35.3	28.95	63.06	33.95
2024-01-28 00:00:00	-0.01	0.03	6.16	23.7	28.86	68.1	34.39
2024-01-29 00:00:00	0.04	0.1	2.59	42.6	28.82	60.31	50.55
2024-01-30 00:00:00	0.06	0.12	1.89	352	28.76	55.3	62.82
2024-01-31 00:00:00	0.16	0.24	2.69	213.6	28.65	54.4	68.12
2024-02-01 00:00:00	0.04	0.09	2.5	223.5	28.47	50.08	86.08
2024-02-02 00:00:00	0.1	0.15	2.41	286.4	28.6	48.1	81.6
2024-02-03 00:00:00	0.1	0.15	2.06	262.3	28.7	47.49	77.79
2024-02-04 00:00:00	0.04	0.08	2.34	148.4	28.62	48.31	87.76
2024-02-05 00:00:00	0	0.05	1.61	13.1	28.54	50.52	94.25
2024-02-06 00:00:00	0.01	0.1	1.54	158.8	28.39	47.46	88.95
2024-02-07 00:00:00	0.07	0.12	4.21	213.4	28.57	49.18	78.31
2024-02-08 00:00:00	0.07	0.12	2.37	288.3	28.67	44.69	78.28
2024-02-09 00:00:00	0.04	0.09	3.19	352	28.73	46.14	66.85
2024-02-10 00:00:00	0	0.05	4.69	22.4	28.76	50.3	48.27
2024-02-11 00:00:00	0.01	0.06	4.49	26.7	28.88	50.2	44.38
2024-02-12 00:00:00	0.02	0.07	3.14	21.9	28.8	47.87	56.51
2024-02-13 00:00:00	0.06	0.11	2.42	305.1	28.71	47.32	69.22

2024-02-14 00:00:00	0.14	0.18	2.27	316.3	28.82	47.13	79.97
2024-02-15 00:00:00	0.09	0.14	2.21	320	28.85	50.13	78.82
2024-02-16 00:00:00	0.05	0.11	1.97	323.1	28.8	51.37	72.18
2024-02-17 00:00:00	0.08	0.13	2.69	250.4	28.77	51.32	78.27
2024-02-18 00:00:00	0.01	0.05	1.73	292.1	28.75	52.06	87.57
2024-02-19 00:00:00	-0.01	0.04	1.72	91.8	28.75	53.19	94.16
2024-02-20 00:00:00	0	0.04	1.69	63.2	28.79	53.33	92.86
2024-02-21 00:00:00	0.04	0.09	2.05	280	28.81	53.46	83.02
2024-02-22 00:00:00	0.04	0.08	2.2	358.2	28.88	51.31	69.61
2024-02-23 00:00:00	0	0.05	3.74	24.1	28.8	59.33	48.57
2024-02-24 00:00:00	0.04	0.1	2.12	26.2	28.75	56.91	57.6
2024-02-25 00:00:00	0.04	0.1	1.99	335.7	28.75	53.54	70.86
2024-02-26 00:00:00	0.06	0.11	1.45	319.8	28.71	51.31	83.22
2024-02-27 00:00:00	0.06	0.1	2.19	303.7	28.68	54.33	80.75
2024-02-28 00:00:00	0.08	0.13	2.4	332.1	28.73	54.08	73.84
2024-02-29 00:00:00	0.17	0.22	2.98	231.2	28.82	52.25	81.95
2024-03-01 00:00:00	0.03	0.08	2.79	219.6	28.79	52.07	84.53
2024-03-02 00:00:00	0.05	0.09	4.86	215.1	28.68	51.09	85.85
2024-03-03 00:00:00	0.1	0.14	3.38	249.4	28.71	50.06	81.49
2024-03-04 00:00:00	0.1	0.15	2.55	337.1	28.76	48.95	76.25
2024-03-05 00:00:00	0.12	0.17	2.54	285.7	28.73	50.31	76.93
2024-03-06 00:00:00	0.06	0.1	1.78	357.9	28.59	49.19	87.68
2024-03-07 00:00:00	0.02	0.06	3.36	2.6	28.61	51.22	71.76
2024-03-08 00:00:00	0.06	0.11	2.5	36.6	28.8	53.4	62.84
2024-03-09 00:00:00	0.06	0.11	2.68	343.3	28.81	52.05	65.46
2024-03-10 00:00:00	0.04	0.09	2.89	283.5	28.77	51.1	65.57
2024-03-11 00:00:00	0.1	0.16	2.9	269.8	28.75	50.43	74.32
2024-03-12 00:00:00	0.17	0.22	2.52	267.6	28.78	55.08	77.96
2024-03-13 00:00:00	0.18	0.26	8.8	19.9	28.7	54.82	59.16
2024-03-14 00:00:00	0.45	0.67	6.41	36.2	28.58	56.65	33.89
2024-03-15 00:00:00	0.09	0.16	3.22	37.9	28.54	55.34	47.26
2024-03-16 00:00:00	0.08	0.13	2.86	305.9	28.7	51.07	66.02
2024-03-17 00:00:00	0.11	0.16	2.36	9.6	28.75	54.24	67.92
2024-03-18 00:00:00	0.11	0.17	2.97	15.3	28.75	57.63	65.48
2024-03-19 00:00:00	0.13	0.19	2.5	314.6	28.72	57.52	69.71
2024-03-20 00:00:00	0.17	0.24	2.72	317.9	28.7	58.35	71.12
2024-03-21 00:00:00	0.2	0.27	2.63	327.3	28.76	55.93	73.99
2024-03-22 00:00:00	0.19	0.25	2.54	282.1	28.74	55.81	75.52
2024-03-23 00:00:00	0.14	0.18	2.92	253.3	28.56	53.17	80.2
2024-03-24 00:00:00	0.03	0.07	3.39	359.6	28.5	48.1	72.73
2024-03-25 00:00:00	0.04	0.1	3.91	346	28.6	53.85	59.55
2024-03-26 00:00:00	2.39	3.23	3.08	296.4	28.72	51.28	74.24
2024-03-27 00:00:00	3.85	4.83	2.65	318.5	28.83	52.5	72.22
2024-03-28 00:00:00	3.21	4.09	2.75	210.8	28.74	52.72	73.75
2024-03-29 00:00:00	3.44	4.26	3.75	223.1	28.59	49.34	72.13
2024-03-30 00:00:00	1.33	1.62	2.84	131.8	28.42	49.3	83.31

2024-03-31 00:00:00	0.79	1.04	1.88	183.3	28.49	50.29	81.52
2024-04-01 00:00:00	0.69	1.16	3.03	9.5	28.68	55.56	66.98
2024-04-02 00:00:00	1.52	2.3	2.78	354.4	28.92	58.17	63.35
2024-04-03 00:00:00	2.31	3.28	2.73	310.5	28.82	58.15	67.42
2024-04-04 00:00:00	5.22	6.01	4.03	235.1	28.6	49.6	78.19
2024-04-05 00:00:00	1.43	1.84	3.19	241.3	28.63	44.09	77.38
2024-04-06 00:00:00	1.39	1.91	2.59	293.5	28.88	46.5	66.74
2024-04-07 00:00:00	1.74	2.25	3.25	341.2	28.76	50.23	61.95
2024-04-08 00:00:00	1.81	2.63	4.81	33.6	28.68	58.72	41.1
2024-04-09 00:00:00	1.79	2.98	3.22	6.3	28.79	58.78	48
2024-04-10 00:00:00	2.98	4.69	2.52	316.1	28.75	62.44	53.23
2024-04-11 00:00:00	3.45	5.53	2.69	347.9	28.61	64.73	58.59
2024-04-12 00:00:00	10.91	12.42	3.17	210.6	28.6	55.3	76.02
2024-04-13 00:00:00	2.95	3.67	4.06	208.3	28.72	50.96	76.23
2024-04-14 00:00:00	1.15	1.54	1.72	222.4	28.79	46.18	91.6
2024-04-15 00:00:00	1.62	2.33	2.7	287.5	28.77	53.7	74.2
2024-04-16 00:00:00	1.31	2.47	2.87	334.9	28.74	59.57	64.08
2024-04-17 00:00:00	2.32	3.56	2.65	332.7	28.7	62.19	66.42
2024-04-18 00:00:00	4.31	5.56	2.45	277.5	28.67	60.74	71.19
2024-04-19 00:00:00	9.64	10.55	2.53	284.8	28.66	55.05	82.75
2024-04-20 00:00:00	11.58	12.76	2.42	229.7	28.7	58.64	79.76
2024-04-21 00:00:00	7.63	8.64	2.35	299.5	28.65	65.58	72.07
2024-04-22 00:00:00	13.71	14.91	2.95	261.3	28.59	60.78	81.62
2024-04-23 00:00:00	5.2	6.13	3.34	229.5	28.69	58.61	74.73
2024-04-24 00:00:00	4.34	5.43	2.83	238.3	28.73	56.22	75.08
2024-04-25 00:00:00	3.54	4.61	2.91	248	28.73	54.78	76.62
2024-04-26 00:00:00	3.28	5.17	3.21	327.8	28.61	57.69	67.66
2024-04-27 00:00:00	1.5	2.8	5.37	354.9	28.66	63.39	47.48
2024-04-28 00:00:00	2.54	3.75	3.12	284.2	28.67	62.11	57.97
2024-04-29 00:00:00	2.6	4.65	4.29	354.7	28.6	65.48	50.33
2024-04-30 00:00:00	5.61	8.87	3.9	224.4	28.55	66.29	51.49
2024-05-01 00:00:00	6.14	8.68	3.61	350.2	28.54	62.93	56.61
2024-05-02 00:00:00	6.81	10.1	3.15	292.4	28.57	61.1	58.45
2024-05-03 00:00:00	12.87	14.61	2.63	296.8	28.56	58.39	79.8
2024-05-04 00:00:00	7.4	8.28	3.58	235.5	28.59	55.95	82.98
2024-05-05 00:00:00	0.72	1.34	6.17	19.9	28.61	55.22	56.88
2024-05-06 00:00:00	1.03	1.97	3.34	354.9	28.68	60.49	42.74
2024-05-07 00:00:00	3.12	4.86	3.19	307.9	28.59	60.6	56.22
2024-05-08 00:00:00	4.91	7.69	3.78	357.3	28.54	62.85	54.15
2024-05-09 00:00:00	5.91	8.14	3.24	25.4	28.6	62.87	61.04
2024-05-10 00:00:00	7.24	10.23	2.81	308.9	28.63	62.94	69.79
2024-05-11 00:00:00	4.2	5.79	3.32	245.1	28.6	64.14	66.67
2024-05-12 00:00:00	5.86	6.92	2.71	288.1	28.61	63.53	71.77
2024-05-13 00:00:00	15.32	16.53	2.59	256.8	28.62	62.55	77.55
2024-05-14 00:00:00	18.61	20.03	2.92	244.7	28.59	61.58	78.36
2024-05-15 00:00:00	13.67	14.76	2.98	254.7	28.6	59.76	78.75

2024-05-16 00:00:00	8.38	9.97	3.14	232.2	28.63	61.62	75.11
2024-05-17 00:00:00	9.03	10.13	2.3	238.9	28.65	60.35	77.48
2024-05-18 00:00:00	6.4	7.66	2.5	208	28.67	61.05	75.52
2024-05-19 00:00:00	5.73	6.64	2.81	247.5	28.7	58.68	76.1
2024-05-20 00:00:00	5.81	6.94	2.5	300	28.66	54.91	80.88
2024-05-21 00:00:00	8.02	10.01	2.96	294.7	28.62	61.02	71.36
2024-05-22 00:00:00	8.82	10.69	3.05	286.6	28.63	58.98	76.82
2024-05-23 00:00:00	10.52	12.22	2.85	224.1	28.62	59.31	77.48
2024-05-24 00:00:00	8.85	10.57	2.9	230.7	28.61	59.15	74.38
2024-05-25 00:00:00	4.74	6.14	2.7	290.3	28.65	57.71	72.5
2024-05-26 00:00:00	4.4	5.52	2.62	298.1	28.69	57.41	76.32
2024-05-27 00:00:00	5.6	7.21	2.81	257.9	28.7	62.53	71.25
2024-05-28 00:00:00	6.39	8.66	2.78	287	28.69	64.01	69.94
2024-05-29 00:00:00	8.61	10.72	3.02	273.3	28.68	62.53	74
2024-05-30 00:00:00	9.78	12.21	2.97	305.3	28.62	65.25	69.72
2024-05-31 00:00:00	10.99	12.92	2.62	243.5	28.57	63.59	74.19
2024-06-01 00:00:00	11.22	12.05	2.3	270.4	28.59	59.94	82.57
2024-06-02 00:00:00	8.11	8.97	2.88	259.2	28.59	60.65	77.97
2024-06-03 00:00:00	7.6	9.06	2.76	256.5	28.55	64.49	73.44
2024-06-04 00:00:00	9.8	12.31	2.86	230.7	28.52	68.95	69.65
2024-06-05 00:00:00	11.11	13.66	2.67	211.5	28.55	71.6	69.1
2024-06-06 00:00:00	11.24	13.53	2.7	234.3	28.55	71.13	71.15
2024-06-07 00:00:00	10.24	12.03	2.68	219.4	28.56	68.38	73.91
2024-06-08 00:00:00	11.8	12.88	2.47	256.2	28.6	64.41	80.17
2024-06-09 00:00:00	4.89	5.7	2.49	270.7	28.63	63.48	78.02
2024-06-10 00:00:00	5.11	7.16	3.12	310	28.59	66.87	70.02
2024-06-11 00:00:00	6.51	9.13	2.95	172.3	28.56	69.05	69.02
2024-06-12 00:00:00	13.08	15.08	2.4	197.7	28.62	68.93	70.36
2024-06-13 00:00:00	6.84	9.21	2.66	295.1	28.64	65.05	72.21
2024-06-14 00:00:00	4.53	7.27	2.74	279.7	28.59	72.11	63.34
2024-06-15 00:00:00	7.17	14.04	4.35	6.8	28.49	81.8	33.85
2024-06-16 00:00:00	18.11	24.5	3.35	284.9	28.42	70.8	51.48
2024-06-17 00:00:00	12.07	19.18	3.52	258.7	28.4	68.24	62.3
2024-06-18 00:00:00	9.8	14.87	3.27	257.4	28.43	69.37	57.75
2024-06-19 00:00:00	12.08	15.22	2.99	286.5	28.5	66.55	70.28
2024-06-20 00:00:00	8.68	12.33	2.96	284.6	28.48	69.48	62.25
2024-06-21 00:00:00	6.57	11.72	2.88	309.5	28.44	73.05	55.06
2024-06-22 00:00:00	4.82	8.41	2.64	197.6	28.51	78.88	47.5
2024-06-23 00:00:00	2.82	5.14	3.14	250.1	28.57	80.94	39.88
2024-06-24 00:00:00	3.78	7.53	3.04	272.1	28.58	78.82	44.2
2024-06-25 00:00:00	5.38	8.68	2.89	286	28.6	77.05	48.75
2024-06-26 00:00:00	7.5	10.94	2.82	262.4	28.61	75.15	56.38
2024-06-27 00:00:00	7.63	11.45	3.2	289.7	28.51	73.82	59.96
2024-06-28 00:00:00	8.26	11.63	3.03	249.4	28.49	72.3	63.32
2024-06-29 00:00:00	6.53	9.17	2.65	305	28.55	74.2	57.74
2024-06-30 00:00:00	3.78	6.59	2.73	311.9	28.57	77.62	46

2024-07-01 00:00:00	4.47	8.12	2.97	323.2	28.53	77.25	46.98
2024-07-02 00:00:00	6.19	9.97	2.99	341.7	28.5	76.63	54.26
2024-07-03 00:00:00	5.73	9.29	2.84	271.7	28.54	81.02	50.66
2024-07-04 00:00:00	4.5	7.17	2.71	195.1	28.59	79.71	53.79
2024-07-05 00:00:00	6.18	9.87	3.29	10.6	28.5	87.22	45.59
2024-07-06 00:00:00	7.99	12.6	2.98	308.5	28.5	84.04	45.62
2024-07-07 00:00:00	9.37	11.43	2.71	294	28.57	79.29	60.58
2024-07-08 00:00:00	6.62	10.17	2.84	270	28.5	78.76	59.34
2024-07-09 00:00:00	7.37	11.55	2.86	342.6	28.49	80.96	55.7
2024-07-10 00:00:00	8.88	13.12	2.78	332.2	28.53	83.31	46.94
2024-07-11 00:00:00	8.62	12.76	3.11	255	28.53	82.9	46.59
2024-07-12 00:00:00	23.92	27.36	2.3	169.2	28.54	75.01	65.06
2024-07-13 00:00:00	7.53	10	2.7	193.4	28.6	77.73	60.46
2024-07-14 00:00:00	5.52	7.55	2.74	73.1	28.68	76.92	59.25
2024-07-15 00:00:00	5.03	7.8	2.88	227.7	28.66	77	56.59
2024-07-16 00:00:00	5.14	8.39	2.83	257.2	28.62	75.91	56.22
2024-07-17 00:00:00	5.03	8.54	2.93	341.6	28.6	76.94	56.18
2024-07-18 00:00:00	5.49	9.13	2.67	152.3	28.62	79.13	55.2
2024-07-19 00:00:00	4.68	8.64	2.76	311.8	28.63	80.52	47.67
2024-07-20 00:00:00	3.12	6.58	2.88	325.9	28.59	81.65	36.37
2024-07-21 00:00:00	3.79	6.98	2.83	275.5	28.55	82.2	37.93
2024-07-22 00:00:00	4.4	7.77	2.81	319.2	28.52	82.59	40.13
2024-07-23 00:00:00	5.04	9.01	2.74	208.1	28.57	83.02	43.86
2024-07-24 00:00:00	5.4	8.88	2.59	179.5	28.67	83.38	46.6
2024-07-25 00:00:00	7.58	12.13	2.65	7.1	28.66	84.45	47.8
2024-07-26 00:00:00	6.38	10.39	2.94	278.5	28.55	82.14	49.42
2024-07-27 00:00:00	6.28	9.34	2.97	249.4	28.53	74.46	52.63
2024-07-28 00:00:00	4.85	7.38	3.19	332.9	28.57	72.23	48.72
2024-07-29 00:00:00	4.37	7.77	3.03	341.3	28.61	72.74	41.87
2024-07-30 00:00:00	6.3	9.94	3.02	343.2	28.59	74.24	41.11
2024-07-31 00:00:00	6.34	10.22	2.98	334.5	28.57	75.95	40.8
2024-08-01 00:00:00	5.47	9.88	2.23	73.8	28.64	78.06	43.38
2024-08-02 00:00:00	5.8	10	2.79	265.3	28.67	82.37	46.5
2024-08-03 00:00:00	4.57	7.91	2.86	343.8	28.6	82.71	42.71
2024-08-04 00:00:00	3.86	6.5	2.83	336.5	28.54	83.23	39.88
2024-08-05 00:00:00	4.16	7.45	2.82	351.2	28.55	84.76	36.11
2024-08-06 00:00:00	5.09	9.26	2.79	324.8	28.58	84.16	36.36
2024-08-07 00:00:00	6.83	10.03	2.69	90.2	28.63	79.86	48.74
2024-08-08 00:00:00	7.29	10.55	2.72	340.7	28.57	76.38	54.09
2024-08-09 00:00:00	6.07	10.12	2.82	340.5	28.53	78.82	47.28
2024-08-10 00:00:00	6.24	10.07	2.96	185.1	28.53	80.04	47.49
2024-08-11 00:00:00	6.68	9.38	3.08	280.8	28.59	79.52	49.46
2024-08-12 00:00:00	6.69	9.87	3.04	339.4	28.58	78.11	50.35
2024-08-13 00:00:00	5.71	9.26	2.93	329	28.57	76.7	48.29
2024-08-14 00:00:00	5.66	9.62	3.08	316.6	28.6	75.88	47.55
2024-08-15 00:00:00	4.05	8.22	3.51	347.3	28.56	79.53	40.21

2024-08-16 00:00:00	4.41	8.43	2.94	13	28.54	74.18	44.59
2024-08-17 00:00:00	6.86	9.93	3.01	300.7	28.56	73.01	58.65
2024-08-18 00:00:00	5.23	7.77	3.01	337.7	28.58	73.83	57.72
2024-08-19 00:00:00	3.57	7.13	2.89	350	28.61	75.99	45
2024-08-20 00:00:00	3.16	7.03	3.03	343.1	28.6	78.06	34.07
2024-08-21 00:00:00	4.52	9.4	3.01	357.9	28.59	76.62	36.6
2024-08-22 00:00:00	5.16	8.83	3.26	295.8	28.57	71.75	50.23
2024-08-23 00:00:00	5.2	8.43	3.37	300.9	28.59	67.35	57.97
2024-08-24 00:00:00	5.15	7.78	3.21	295.4	28.64	66.4	58.07
2024-08-25 00:00:00	5.13	8.08	3.22	352.8	28.66	70.01	53.73
2024-08-26 00:00:00	5.76	9.83	2.95	8.9	28.66	74.46	50.16
2024-08-27 00:00:00	6.81	11.2	2.51	47.3	28.61	72.75	52.94
2024-08-28 00:00:00	6.89	11.42	2.63	77.2	28.59	71.61	56.49
2024-08-29 00:00:00	7.66	12.14	2.83	67.2	28.61	69.9	59.35
2024-08-30 00:00:00	6.92	10.69	2.76	344	28.62	72.77	58.72
2024-08-31 00:00:00	6.05	9.57	2.67	2.5	28.58	76.56	54.9
2024-09-01 00:00:00	5.37	7.8	3.12	14.1	28.53	78.75	49.21
2024-09-02 00:00:00	6.07	8.57	2.89	6.9	28.53	79.79	49.98
2024-09-03 00:00:00	5.02	8.21	3.38	34.7	28.54	80.67	43.65
2024-09-04 00:00:00	3.85	7.28	3.18	345.8	28.57	82.71	38.3
2024-09-05 00:00:00	4.56	8.88	2.66	330.2	28.55	88.74	32.21
2024-09-06 00:00:00	5.03	9.48	2.51	318.3	28.51	90.4	29.1
2024-09-07 00:00:00	4.46	8.57	2.72	355.7	28.45	87.61	29.88
2024-09-08 00:00:00	3.36	6.28	2.84	14.2	28.45	86.67	29.3
2024-09-09 00:00:00	3.32	6.87	3.36	331.7	28.49	84.95	31.55
2024-09-10 00:00:00	3.37	6.67	3.13	316.6	28.47	78.83	32.8
2024-09-11 00:00:00	5.3	9.81	3.03	318.8	28.41	68.59	43.71
2024-09-12 00:00:00	6.62	10.52	3.09	299.8	28.36	67.16	62.68
2024-09-13 00:00:00	9.2	12.57	2.64	330.3	28.44	66.59	70.1
2024-09-14 00:00:00	10.44	12.41	2.55	298.5	28.5	64.85	74.99
2024-09-15 00:00:00	6.69	7.77	2.8	249.6	28.5	63.31	76.65
2024-09-16 00:00:00	3.61	5.21	3.91	238.7	28.49	63.1	64.3
2024-09-17 00:00:00	4.9	7.48	3.06	301.2	28.55	60.18	67.24
2024-09-18 00:00:00	5.27	7.95	2.7	350.1	28.49	60.4	70.83
2024-09-19 00:00:00	4.97	6.96	2.86	239.9	28.5	61.49	70.94
2024-09-20 00:00:00	4.28	6.34	2.55	271.4	28.51	61.63	74.44
2024-09-21 00:00:00	5.97	8.15	2.47	284.2	28.53	63.85	73.56
2024-09-22 00:00:00	6.15	8.26	2.36	338.9	28.52	69.33	65.34
2024-09-23 00:00:00	4.96	10.36	2.76	3.4	28.46	75.17	48.28
2024-09-24 00:00:00	5.02	8.37	2.56	109.6	28.44	72.56	52.63
2024-09-25 00:00:00	13.22	16.6	2.66	263.3	28.46	67.82	69.52
2024-09-26 00:00:00	5.11	9.45	2.78	336.4	28.48	68.3	59.54
2024-09-27 00:00:00	4.13	7.67	2.91	0.8	28.46	69.25	50.1
2024-09-28 00:00:00	4.7	7.69	2.51	337	28.48	68.12	53.18
2024-09-29 00:00:00	4.25	7.11	2.73	347.9	28.5	68.75	49.98
2024-09-30 00:00:00	5.63	10.94	2.15	67.2	28.49	74.5	41.4

2024-10-01 00:00:00	5.09	9.71	2.4	30.6	28.53	79.69	38.13
2024-10-02 00:00:00	5.82	11.42	2.29	15.7	28.44	83.52	34.87
2024-10-03 00:00:00	6.97	14.56	2.69	320.4	28.41	81.64	35.2
2024-10-04 00:00:00	7.76	11.68	2.03	36.6	28.52	76.52	52.89
2024-10-05 00:00:00	5.06	8.58	2.43	68.8	28.56	78.2	46.67
2024-10-06 00:00:00	3.37	6.35	2.54	9.3	28.55	79.97	38.81
2024-10-07 00:00:00	4.19	7.88	2.45	17.9	28.49	78.11	38.46
2024-10-08 00:00:00	4.25	7.95	2.48	339.2	28.47	72.73	44.39
2024-10-09 00:00:00	4.53	8.65	2.66	14	28.54	71.22	46.53
2024-10-10 00:00:00	5.86	9.78	2.4	26	28.59	69.51	48.42
2024-10-11 00:00:00	5.56	8.92	2.31	23.9	28.64	69.05	46.82
2024-10-12 00:00:00	4	6.72	2.46	358.9	28.65	66.61	48.92
2024-10-13 00:00:00	4.15	6.95	2.62	360	28.6	64.74	57.68
2024-10-14 00:00:00	6.81	9.94	2.65	331.3	28.63	61.79	69.24
2024-10-15 00:00:00	10.67	13.39	2.39	341.3	28.6	61.15	74.7
2024-10-16 00:00:00	20.95	22.12	2.02	284.4	28.55	58.95	86.57
2024-10-17 00:00:00	11.21	12.59	2.77	250.6	28.45	61.62	77.16
2024-10-18 00:00:00	4.24	11.86	5.54	25.9	28.55	64.62	30.89
2024-10-19 00:00:00	3.11	7.21	3.92	19	28.66	65.72	25.01
2024-10-20 00:00:00	2.69	6	2.64	359.8	28.68	63.08	37.73
2024-10-21 00:00:00	3.36	6.98	2.57	352.3	28.66	63.75	39.5
2024-10-22 00:00:00	3.2	6.5	2.48	22	28.64	66.15	38.73
2024-10-23 00:00:00	3.33	6.92	2.46	344.1	28.62	68.13	36.16
2024-10-24 00:00:00	3.94	7.66	2.44	11.2	28.53	65.8	40.06
2024-10-25 00:00:00	4.35	8.57	2.29	8.7	28.59	62.33	46.55
2024-10-26 00:00:00	3.54	6.75	1.99	21.8	28.63	66.33	43.08
2024-10-27 00:00:00	3.72	6.34	1.95	327.7	28.59	66.64	44.2
2024-10-28 00:00:00	4.53	7.23	2.75	30.1	28.48	59.52	58.77
2024-10-29 00:00:00	1.77	4.81	5.32	20.7	28.52	56.33	51.58
2024-10-30 00:00:00	2.75	5.5	2.39	324.3	28.67	52.81	52.91
2024-10-31 00:00:00	3.26	6.37	2.82	330.5	28.62	53.66	54.11
2024-11-01 00:00:00	3.86	7.16	2.48	268.1	28.53	54.62	56.91
2024-11-02 00:00:00	4.01	5.71	2.58	313.6	28.5	52.92	71.55
2024-11-03 00:00:00	3.21	9.71	8.13	20.4	28.49	57.79	52.54
2024-11-04 00:00:00	1.12	2.93	4.19	27	28.65	60.87	32.89
2024-11-05 00:00:00	1.85	4.16	3.29	4.3	28.53	59.44	36.89
2024-11-06 00:00:00	3.05	9.57	6.86	40.6	28.59	61.05	20.67
2024-11-07 00:00:00	0.78	2.01	5.49	28.3	28.73	60.07	16.84
2024-11-08 00:00:00	4.08	7.06	2.53	295.9	28.67	54.82	28.04
2024-11-09 00:00:00	4.92	8.03	2.15	8.5	28.57	55	34.92
2024-11-10 00:00:00	5.64	8.6	2.13	14.2	28.59	56.1	36.94
2024-11-11 00:00:00	3.95	6.66	3.71	11.5	28.6	54.04	50.34
2024-11-12 00:00:00	0.77	2.24	6.54	27.9	28.67	58.73	38.33
2024-11-13 00:00:00	2.55	5.56	2.3	2.8	28.67	54.95	34.95
2024-11-14 00:00:00	3.79	6.39	2.58	338.7	28.51	54.21	51.09
2024-11-15 00:00:00	3.63	4.76	3.46	22.7	28.45	52.46	61.22

2024-11-16 00:00:00	1.35	2.19	4.9	29.7	28.53	51.26	44.84
2024-11-17 00:00:00	1.71	3.44	2.34	353.8	28.55	49.12	41.13
2024-11-18 00:00:00	2.24	5.4	4.89	23.2	28.56	49.94	46.65
2024-11-19 00:00:00	2.07	3.93	4.23	17.3	28.67	51.98	37.53
2024-11-20 00:00:00	2.93	6.04	1.96	7.5	28.75	48.75	36.23
2024-11-21 00:00:00	2.92	6.04	2.11	8.4	28.72	50.71	34.33
2024-11-22 00:00:00	3.16	5.96	2.41	357.9	28.62	51.81	37.67
2024-11-23 00:00:00	2.59	3.79	1.57	283.6	28.57	49.4	75.18
2024-11-24 00:00:00	1.54	2.13	1.95	315.7	28.63	51.41	83.64
2024-11-25 00:00:00	1.6	2.09	1.37	312.7	28.72	53.16	76.6
2024-11-26 00:00:00	1	1.27	1.6	267.4	28.67	56.85	84.1
2024-11-27 00:00:00	1.65	2.83	3.24	16.5	28.62	59.83	59.42
2024-11-28 00:00:00	0.5	1.25	5.59	32.2	28.68	57.77	26.7
2024-11-29 00:00:00	0.46	0.98	3.62	33.3	28.69	56.7	25.1
2024-11-30 00:00:00	1.18	2.49	3.73	28.4	28.68	61.21	19.49
2024-12-01 00:00:00	1.69	3.43	2.94	21.3	28.69	62.6	19.76
2024-12-02 00:00:00	1.58	3.26	2.73	16.9	28.69	55.6	25.92
2024-12-03 00:00:00	2.82	5.37	2.02	354.6	28.68	53.61	37.73
2024-12-04 00:00:00	5.21	8.35	2.1	25.6	28.72	51	52.32
2024-12-05 00:00:00	3.03	5	1.87	7.5	28.69	55.89	47.62
2024-12-06 00:00:00	1.91	3.46	3.26	26.7	28.69	59	35.82
2024-12-07 00:00:00	1.71	3.31	2.37	34.4	28.69	58.04	32.62
2024-12-08 00:00:00	2.98	5.21	1.86	353	28.64	51.38	44.37
2024-12-09 00:00:00	2.54	4.28	3.82	23.6	28.71	53.39	39.02
2024-12-10 00:00:00	0.55	1.73	6.44	28	28.92	57.19	15.02
2024-12-11 00:00:00	1.07	2.23	3.16	28	28.74	52.43	18.67
2024-12-12 00:00:00	3.01	5.22	2.47	356.3	28.54	45.25	46.21
2024-12-13 00:00:00	4.84	6.59	2.06	347.9	28.71	45.8	73.05
2024-12-14 00:00:00	3.86	5.16	2.56	323.4	28.74	47.16	77.91
2024-12-15 00:00:00	1.81	2.86	3.23	5	28.75	49.28	52.85
2024-12-16 00:00:00	2.75	5.29	2.07	343.1	28.7	51.6	39.7
2024-12-17 00:00:00	1.52	2.97	4.65	27.5	28.73	60	32.96
2024-12-18 00:00:00	0.63	1.43	5.94	26.9	28.75	69.2	23.1
2024-12-19 00:00:00	1.86	3.68	3.09	26.7	28.7	60.27	32.89
2024-12-20 00:00:00	3.84	7.14	1.85	30.9	28.73	54.91	43.22
2024-12-21 00:00:00	4.35	7.51	2.07	338.7	28.73	52.43	50.62
2024-12-22 00:00:00	3.01	5.15	1.7	8.2	28.69	53.24	50.54
2024-12-23 00:00:00	3.36	5.71	1.95	349.8	28.68	57.58	61.71
2024-12-24 00:00:00	2.76	4.02	3.49	8.2	28.63	53.2	64.95
2024-12-25 00:00:00	1.12	4.09	6.3	30.2	28.65	54.94	45.92
2024-12-26 00:00:00	1.49	3.17	2.61	346.6	28.62	56.45	38.77
2024-12-27 00:00:00	3.14	4.6	1.99	321.8	28.62	50.59	73.76
2024-12-28 00:00:00	1.74	2.91	2.23	322.4	28.67	53.15	67.58
2024-12-29 00:00:00	2.08	3.34	2.24	338.3	28.68	51.18	69.46
2024-12-30 00:00:00	2.42	3.63	2.82	8.6	28.62	52.64	64.66
2024-12-31 00:00:00	1.39	2.73	2.92	23.6	28.64	49.7	53.04

Annual 2024 Daily Averaged Data MS-10

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	2.32	2.61	1.53	359	28.97	51.41	69.77
2024-01-02 00:00:00	2.19	2.66	1.46	314.8	29.05	48.68	76.55
2024-01-03 00:00:00	1.62	1.85	1.68	325.5	28.92	51.13	71.36
2024-01-04 00:00:00	0.69	0.99	3.19	349.3	29.01	50.24	55.62
2024-01-05 00:00:00	1.54	1.87	1.32	334	29.02	48.17	63.1
2024-01-06 00:00:00	2.13	2.64	2.19	251.6	28.94	47.68	67.42
2024-01-07 00:00:00	1.22	2.02	3.58	347.2	28.84	46.32	51.48
2024-01-08 00:00:00	1.15	1.6	2.1	358.6	29.1	46.21	44.55
2024-01-09 00:00:00	1.62	2.35	1.21	235.9	29.02	44.62	56.78
2024-01-10 00:00:00	2.21	3.1	1.44	334.5	28.84	47.53	64.32
2024-01-11 00:00:00	1	1.49	2.4	344.7	28.9	45.32	51.65
2024-01-12 00:00:00	1.62	2.29	1.56	298.1	29.01	43.38	52.79
2024-01-13 00:00:00	2.17	3	1.91	227.8	28.92	47.73	60.62
2024-01-14 00:00:00	4.04	4.72	1.5	282.2	28.89	47.79	74.58
2024-01-15 00:00:00	1.97	2.72	1.25	353.4	28.92	50.45	70.71
2024-01-16 00:00:00	1.87	3.14	1.31	307.9	28.93	52.12	68.25
2024-01-17 00:00:00	3.29	3.96	1.4	351.1	28.91	49.64	85.1
2024-01-18 00:00:00	7.46	8.11	1.09	153.4	28.95	53.02	77.15
2024-01-19 00:00:00	5.31	6.35	1.06	193.5	28.88	53.87	72.29
2024-01-20 00:00:00	6.21	6.58	0.81	339.6	28.78	52.52	89.68
2024-01-21 00:00:00	2.86	3.24	1.31	210.3	28.76	55.02	85.15
2024-01-22 00:00:00	1.6	1.9	1.13	348.4	28.66	53.88	92.01
2024-01-23 00:00:00	3.05	3.38	1.92	354.8	28.8	55.18	73.2
2024-01-24 00:00:00	2.56	3.07	0.93	257.8	28.98	49.73	83.14
2024-01-25 00:00:00	3.01	3.4	1.68	293.1	29	55.84	69.82
2024-01-26 00:00:00	1.19	1.64	1.62	347.1	29.11	55.3	55.08
2024-01-27 00:00:00	0.39	0.71	2.02	355.8	29.11	62.31	37.64
2024-01-28 00:00:00	0.49	0.87	1.84	10.2	29.03	65.96	41.24
2024-01-29 00:00:00	1.12	1.86	1.49	322.9	28.99	60.44	51.48
2024-01-30 00:00:00	1.37	2.33	1.03	42.4	28.93	55.3	63.82
2024-01-31 00:00:00	3.65	4.45	2.07	179.6	28.82	54.82	68.02
2024-02-01 00:00:00	1.23	1.43	1.98	302.5	28.64	50.55	86.18
2024-02-02 00:00:00	1.96	2.41	2.29	258.5	28.78	48.87	81.52
2024-02-03 00:00:00	2.03	2.43	1.77	276.1	28.87	47.85	78.05
2024-02-04 00:00:00	1.15	1.3	2.1	200	28.79	49.11	87.85
2024-02-05 00:00:00	1.05	1.2	0.91	305.5	28.72	51.12	94.77
2024-02-06 00:00:00	0.78	0.89	0.85	205.3	28.57	47.63	92.38
2024-02-07 00:00:00	1.37	1.66	3.24	228.5	28.71	48.3	82.16
2024-02-08 00:00:00	1.61	1.9	1.99	287.5	28.83	45.72	77.64
2024-02-09 00:00:00	1.08	1.34	1.53	346.1	28.88	47.29	66.99
2024-02-10 00:00:00	0.85	1.11	2.05	6.9	28.92	51.1	49.46
2024-02-11 00:00:00	0.72	1.09	1.34	13.2	29.04	50.77	47.61
2024-02-12 00:00:00	1.18	1.66	1.06	347.8	28.95	48.91	57.23
2024-02-13 00:00:00	1.55	2.33	1.81	273.7	28.87	48.05	68.68

2024-02-14 00:00:00	3.46	4.02	1.63	284.4	28.98	47.82	79.62
2024-02-15 00:00:00	2.31	2.99	1.61	249	29.01	51.19	77.12
2024-02-16 00:00:00	1.89	2.83	1.39	265.8	28.96	52.04	71.92
2024-02-17 00:00:00	3.26	3.76	2.5	265.6	28.92	51.86	78.38
2024-02-18 00:00:00	0.96	1.12	1.4	250.8	28.91	53.02	87.54
2024-02-19 00:00:00	0.59	0.7	0.98	122	28.91	54.02	93.14
2024-02-20 00:00:00	0.62	0.76	0.88	69	28.95	54.19	92
2024-02-21 00:00:00	1.07	1.4	1.75	257	28.97	54.23	81.48
2024-02-22 00:00:00	1.06	1.47	0.85	6.2	29.04	52.5	68.26
2024-02-23 00:00:00	0.9	1.33	1.77	355.2	28.95	57.82	53.9
2024-02-24 00:00:00	1.37	1.92	1.09	1.7	28.91	56.78	61.4
2024-02-25 00:00:00	2.15	2.58	1.13	113	28.91	53.98	70.81
2024-02-26 00:00:00	1.82	2.28	0.85	276.9	28.87	51.91	83.59
2024-02-27 00:00:00	1.97	2.37	1.54	228.5	28.84	55.18	79.99
2024-02-28 00:00:00	2.02	3.02	1.63	345.6	28.89	54.82	73
2024-02-29 00:00:00	3.92	4.52	2.76	229.4	28.99	52.48	81.63
2024-03-01 00:00:00	0.86	1.11	2.4	222.4	28.96	52.98	83.51
2024-03-02 00:00:00	1.15	1.31	5.38	221.5	28.85	52.22	83.47
2024-03-03 00:00:00	1.84	2.13	3.53	236.2	28.87	50.84	80.6
2024-03-04 00:00:00	1.58	2	1.47	342.7	28.93	50.08	74.78
2024-03-05 00:00:00	1.92	2.44	2.04	252.2	28.89	51.14	75.73
2024-03-06 00:00:00	1.78	2.07	1	334.4	28.76	49.93	87.85
2024-03-07 00:00:00	1.1	1.46	1.05	325.6	28.77	51.79	73.3
2024-03-08 00:00:00	1.21	1.67	1.05	7.5	28.97	54.46	60.85
2024-03-09 00:00:00	1.33	1.85	1.64	3.4	28.97	52.27	63
2024-03-10 00:00:00	1.12	1.43	1.71	345.3	28.93	51.5	64.67
2024-03-11 00:00:00	1.97	2.59	2.25	271.8	28.92	51.03	73.58
2024-03-12 00:00:00	2.65	3.38	1.79	208.5	28.95	55.72	77.76
2024-03-13 00:00:00	2.58	3.6	2.51	345.5	28.86	55.69	59.66
2024-03-14 00:00:00	4.3	9.62	3.11	12.1	28.75	57.01	35.54
2024-03-15 00:00:00	1.55	2.7	1.04	23.6	28.71	54.25	53.59
2024-03-16 00:00:00	1.5	2.29	1.2	320.6	28.87	51.89	65.35
2024-03-17 00:00:00	1.82	2.47	1.14	24	28.92	55.05	66.8
2024-03-18 00:00:00	1.82	2.61	1	29.6	28.91	58.67	64.43
2024-03-19 00:00:00	2.22	3.07	0.96	304.1	28.89	58.28	68.98
2024-03-20 00:00:00	3.32	4.43	1.66	272.3	28.87	58.79	71.28
2024-03-21 00:00:00	4.55	5.95	1.97	350.6	28.93	56.3	71.96
2024-03-22 00:00:00	5.05	6.14	1.84	249.9	28.91	56.27	76.05
2024-03-23 00:00:00	3.03	3.5	2.99	231.1	28.74	53.37	80.85
2024-03-24 00:00:00	1.13	1.54	1.29	336.9	28.68	48.6	74.1
2024-03-25 00:00:00	1.11	1.72	2.25	274.6	28.77	54.48	59.77
2024-03-26 00:00:00	3.24	3.94	2.11	257.1	28.89	51.76	74.2
2024-03-27 00:00:00	2.92	3.63	1.94	274.4	29	53.02	72.1
2024-03-28 00:00:00	2.41	3.02	1.97	227.3	28.91	53.19	73.33
2024-03-29 00:00:00	2.77	3.31	3.24	230.1	28.76	49.93	72.24
2024-03-30 00:00:00	1.22	1.4	2.7	134.9	28.59	49.88	82.62

2024-03-31 00:00:00	0.9	1.08	1.86	218.9	28.66	51.08	81.96
2024-04-01 00:00:00	0.89	1.55	1.2	29.3	28.84	54.8	74.08
2024-04-02 00:00:00	1.23	1.86	1.93	87.5	29.08	59.72	61.62
2024-04-03 00:00:00	1.87	2.53	2.79	244.9	28.98	58.63	67.08
2024-04-04 00:00:00	4.6	5.24	4.63	208	28.76	50.5	78.09
2024-04-05 00:00:00	1.38	1.66	3.32	239.9	28.79	44.92	76.98
2024-04-06 00:00:00	1.25	1.58	2.19	245.6	29.04	47.45	66.52
2024-04-07 00:00:00	1.44	1.87	2.33	306.4	28.92	50.62	63.04
2024-04-08 00:00:00	1.6	2.4	2.53	300.2	28.84	58.46	44.05
2024-04-09 00:00:00	1.47	2.28	2.21	325.5	28.94	60.34	47.12
2024-04-10 00:00:00	2.52	4.63	2.15	291.6	28.91	63.05	53.54
2024-04-11 00:00:00	2.51	3.61	2.24	307.1	28.76	64.81	58.25
2024-04-12 00:00:00	7.91	8.72	2.84	184.9	28.76	56.1	76.08
2024-04-13 00:00:00	2.16	2.58	3.81	217.9	28.88	51.92	75.61
2024-04-14 00:00:00	0.93	1.06	1.62	247.2	28.95	46.67	91.38
2024-04-15 00:00:00	1.37	1.85	2.24	252.2	28.93	54.5	73.11
2024-04-16 00:00:00	0.91	1.68	2.21	262.6	28.89	60.48	63.74
2024-04-17 00:00:00	1.37	2.19	2.26	306.9	28.86	62.47	66.46
2024-04-18 00:00:00	1.66	2.38	2.24	208.9	28.83	60.9	71.32
2024-04-19 00:00:00	3.24	3.63	2.32	222.1	28.82	55.76	83.34
2024-04-20 00:00:00	3.46	3.96	2.52	190.4	28.86	58.47	81.45
2024-04-21 00:00:00	2.49	2.93	2.52	208.2	28.81	65.3	74.54
2024-04-22 00:00:00	5.24	5.75	3.1	211.8	28.75	61.42	82.87
2024-04-23 00:00:00	1.73	2.23	3.78	216.3	28.85	59.16	75.27
2024-04-24 00:00:00	1.62	2.21	3.02	216.7	28.9	56.67	75.35
2024-04-25 00:00:00	1.47	1.98	2.97	218.1	28.89	55.58	76.52
2024-04-26 00:00:00	1.32	2.25	2.25	291.8	28.78	58.33	67.22
2024-04-27 00:00:00	0.76	1.95	3.08	315.6	28.82	64.02	48.28
2024-04-28 00:00:00	1.17	2.65	2.81	216.3	28.83	62.65	59.11
2024-04-29 00:00:00	1.24	2.5	2.87	269.4	28.76	66.47	49.69
2024-04-30 00:00:00	2.34	3.95	3.26	224.7	28.71	65.42	55.15
2024-05-01 00:00:00	3.18	5.33	2.65	246	28.71	63.38	58.45
2024-05-02 00:00:00	2.83	4.47	3.17	224.7	28.73	61.43	60.58
2024-05-03 00:00:00	4.23	5.04	2.55	228.2	28.73	59.3	80.25
2024-05-04 00:00:00	2.49	3.33	3.61	207	28.76	56.85	82.41
2024-05-05 00:00:00	0.45	1.34	2.84	337.2	28.78	56.2	56.89
2024-05-06 00:00:00	0.53	1.27	2.59	263.7	28.84	61.95	41.7
2024-05-07 00:00:00	1.42	2.51	3.11	219.7	28.76	61.5	54.53
2024-05-08 00:00:00	2.26	3.74	2.89	265.4	28.7	63.72	56.23
2024-05-09 00:00:00	2.39	3.48	2.74	263.9	28.77	63.56	62.2
2024-05-10 00:00:00	2.71	3.79	2.83	227.1	28.8	63.21	71.66
2024-05-11 00:00:00	2.03	2.78	3.11	215.3	28.77	64.76	69.21
2024-05-12 00:00:00	2.18	2.66	2.69	194.7	28.78	63.68	74.24
2024-05-13 00:00:00	5.31	6.2	2.94	221.4	28.79	62.98	78.58
2024-05-14 00:00:00	5.55	6.4	3.24	209.1	28.76	62.3	77.87
2024-05-15 00:00:00	4.64	5.44	2.99	218.9	28.77	60.6	78.29

2024-05-16 00:00:00	2.56	3.8	3.41	214	28.8	62.2	75.15
2024-05-17 00:00:00	2.71	3.41	2.38	209.5	28.81	60.71	78.09
2024-05-18 00:00:00	1.88	2.53	2.47	204	28.84	61.27	76.47
2024-05-19 00:00:00	1.72	2.22	2.7	216.7	28.87	59.25	76.7
2024-05-20 00:00:00	1.77	2.44	2.19	228.3	28.83	55.48	81.76
2024-05-21 00:00:00	3	4.49	3.09	211.1	28.79	61.4	71.93
2024-05-22 00:00:00	3.18	4.58	2.98	201.1	28.8	59.37	77.48
2024-05-23 00:00:00	3.25	4.37	2.73	196	28.79	59.86	77.85
2024-05-24 00:00:00	3.32	4.48	2.82	208.1	28.78	59.83	74.5
2024-05-25 00:00:00	2.06	3.1	2.39	228.5	28.82	58.31	73.08
2024-05-26 00:00:00	1.6	2.45	2.22	267.8	28.86	57.8	76.99
2024-05-27 00:00:00	2.05	3.37	2.81	214.7	28.87	62.53	72.65
2024-05-28 00:00:00	2.5	4.27	2.94	207.4	28.87	63.8	72.12
2024-05-29 00:00:00	2.76	4.42	3.15	207.9	28.85	62.2	76.55
2024-05-30 00:00:00	3.21	5.14	2.76	225.4	28.79	65.28	71.4
2024-05-31 00:00:00	4.33	5.58	3.22	198.5	28.75	63.91	76.41
2024-06-01 00:00:00	4.12	4.87	2.42	218.4	28.77	60.68	82.6
2024-06-02 00:00:00	2.58	3.28	2.57	230.8	28.77	61.24	78.97
2024-06-03 00:00:00	2.56	4.16	3.24	209.5	28.73	65.04	73.6
2024-06-04 00:00:00	3.12	5.12	3.02	216.2	28.7	68.72	71.38
2024-06-05 00:00:00	3.45	4.94	3.22	188.7	28.72	71.1	71.21
2024-06-06 00:00:00	3.97	5.34	2.89	191.7	28.72	71.02	72.64
2024-06-07 00:00:00	3.32	4.73	2.98	205.4	28.74	68.46	75.08
2024-06-08 00:00:00	4.09	4.87	2.65	214.4	28.78	65.09	79.96
2024-06-09 00:00:00	1.48	2.02	2.42	216.4	28.8	64.17	78.76
2024-06-10 00:00:00	1.63	2.88	3.07	206.6	28.77	66.9	71.37
2024-06-11 00:00:00	2.32	3.87	3.4	206.2	28.74	68.49	72.25
2024-06-12 00:00:00	4.45	5.81	2.53	201.8	28.8	68.29	72.97
2024-06-13 00:00:00	2.65	4.29	2.89	200.3	28.82	66.54	72.7
2024-06-14 00:00:00	1.71	3.71	3.02	202	28.77	71.26	66.46
2024-06-15 00:00:00	3.03	6.85	2.99	252.2	28.66	81.19	36.66
2024-06-16 00:00:00	6.11	10.21	3.29	215.6	28.6	70.21	59.13
2024-06-17 00:00:00	5.09	8.22	3.94	208.6	28.58	68.4	64.02
2024-06-18 00:00:00	4.31	7.63	3.36	206.1	28.62	69	61.26
2024-06-19 00:00:00	4.58	6.76	2.95	209	28.69	66.61	72.24
2024-06-20 00:00:00	3.68	7.5	2.87	222.7	28.66	69.1	65.55
2024-06-21 00:00:00	2.88	5.51	2.8	239.9	28.62	72.34	57.82
2024-06-22 00:00:00	2.07	4	2.16	214.1	28.69	78.43	49.29
2024-06-23 00:00:00	1.4	3.21	2.76	230.1	28.75	80.27	41.2
2024-06-24 00:00:00	1.96	4.62	2.98	207.4	28.76	78.29	46.82
2024-06-25 00:00:00	2.53	4.63	2.62	201	28.78	76.42	51.79
2024-06-26 00:00:00	3.14	4.98	2.74	184.7	28.79	74.6	59.33
2024-06-27 00:00:00	2.92	4.44	2.99	205.4	28.7	73.18	62.53
2024-06-28 00:00:00	3.11	4.62	2.79	223.7	28.67	71.87	65.74
2024-06-29 00:00:00	2.3	3.36	2.35	205.8	28.74	73.27	61.55
2024-06-30 00:00:00	1.4	2.48	2.32	253.7	28.76	76.73	51.05

2024-07-01 00:00:00	1.86	3.44	2.62	206.1	28.72	76.33	53.58
2024-07-02 00:00:00	2.23	3.81	2.53	191.1	28.68	75.77	58.82
2024-07-03 00:00:00	2	3.75	2.59	201.1	28.72	80.07	53.53
2024-07-04 00:00:00	1.5	2.78	2.9	211.8	28.77	78.24	58.44
2024-07-05 00:00:00	2.59	4.3	2.53	226.5	28.68	85.52	50.36
2024-07-06 00:00:00	2.8	4.43	3.28	206.8	28.68	81.05	55.52
2024-07-07 00:00:00	2.72	3.51	2.75	201	28.75	78.35	64.15
2024-07-08 00:00:00	2.05	3.67	2.83	204	28.68	77.86	62.54
2024-07-09 00:00:00	2	3.73	2.38	208.8	28.67	79.93	59.02
2024-07-10 00:00:00	2.6	4.67	2.36	253	28.7	82.38	50.71
2024-07-11 00:00:00	2.99	5.26	2.75	221	28.71	81.96	49.77
2024-07-12 00:00:00	9.3	10.79	2.11	193.9	28.72	73.64	69.34
2024-07-13 00:00:00	2.18	3.5	2.72	201.7	28.78	76.47	64.15
2024-07-14 00:00:00	1.52	2.38	2.79	181.9	28.86	75.72	63.09
2024-07-15 00:00:00	1.69	3.13	2.73	196.5	28.84	76.23	59.94
2024-07-16 00:00:00	1.81	3.34	2.72	194.3	28.81	75.24	59.34
2024-07-17 00:00:00	2.01	3.77	2.6	210.2	28.79	76.44	58.51
2024-07-18 00:00:00	2.11	3.86	2.74	189.6	28.8	78.7	57.21
2024-07-19 00:00:00	1.69	3.32	2.54	185.7	28.81	79.54	49.76
2024-07-20 00:00:00	1.34	2.53	2.25	214.8	28.77	80.86	41.39
2024-07-21 00:00:00	1.54	2.7	2.62	214.5	28.73	81.08	42.4
2024-07-22 00:00:00	2.08	3.65	2.33	214.3	28.7	80.7	47.83
2024-07-23 00:00:00	2.14	4.19	2.74	206.9	28.74	81.52	49.53
2024-07-24 00:00:00	2.18	4.17	2.67	184	28.85	82.2	49.76
2024-07-25 00:00:00	3.1	4.98	2.5	201.6	28.84	83.04	51.63
2024-07-26 00:00:00	2.63	4.49	3.02	213.8	28.73	80.57	53.38
2024-07-27 00:00:00	2.75	4.08	2.7	199.1	28.71	73.51	57.75
2024-07-28 00:00:00	1.74	2.7	2.56	221.3	28.75	71.74	52.65
2024-07-29 00:00:00	1.53	2.88	2.38	226	28.79	72.28	46.55
2024-07-30 00:00:00	1.87	3.33	2.55	258.6	28.77	73.14	46.83
2024-07-31 00:00:00	1.87	3.44	2.48	254.1	28.76	75.32	43.98
2024-08-01 00:00:00	1.84	3.51	1.83	193.1	28.82	76.63	48.04
2024-08-02 00:00:00	1.93	3.67	2.56	225.2	28.85	81.31	50.88
2024-08-03 00:00:00	1.65	2.89	2.35	253	28.78	81.82	47.08
2024-08-04 00:00:00	1.29	2.25	2.4	228.1	28.71	82.33	42.03
2024-08-05 00:00:00	1.58	2.9	2.38	258.6	28.72	83.8	38.77
2024-08-06 00:00:00	1.96	3.55	2.47	232.2	28.76	82.91	39.59
2024-08-07 00:00:00	2.46	3.77	2.42	184	28.81	79.17	52.2
2024-08-08 00:00:00	2.47	3.69	2.48	186.6	28.75	75.58	61.02
2024-08-09 00:00:00	2.06	3.71	2.66	191.5	28.71	77.67	52.49
2024-08-10 00:00:00	2.08	3.55	2.73	212.6	28.71	78.9	51.94
2024-08-11 00:00:00	2.01	2.99	2.63	208.3	28.77	79.06	51.53
2024-08-12 00:00:00	2.18	3.35	2.34	217.8	28.76	77.65	53.66
2024-08-13 00:00:00	2	3.35	2.38	215.1	28.75	76.25	51.44
2024-08-14 00:00:00	2.08	3.94	2.68	236.8	28.78	75.5	50.78
2024-08-15 00:00:00	1.91	6.08	2.3	265.7	28.74	78.06	45.43

2024-08-16 00:00:00	1.59	3.22	2.2	256.8	28.72	75.22	49.15
2024-08-17 00:00:00	1.92	2.82	2.77	207	28.74	72.77	62.69
2024-08-18 00:00:00	1.36	2.1	2.53	211.8	28.76	73.92	60.27
2024-08-19 00:00:00	1.15	2.21	2.22	263.3	28.79	75.82	48.89
2024-08-20 00:00:00	1.06	2.16	2.3	271.6	28.78	77.38	36.25
2024-08-21 00:00:00	1.51	3.14	2.4	236.5	28.77	76.24	37.53
2024-08-22 00:00:00	1.76	3.08	2.68	246.3	28.76	70.97	53.44
2024-08-23 00:00:00	1.6	2.74	2.88	217.6	28.78	67.68	60.6
2024-08-24 00:00:00	1.36	2.16	2.73	239.7	28.83	66.69	60.67
2024-08-25 00:00:00	1.37	2.31	2.64	245.4	28.85	70.44	55.61
2024-08-26 00:00:00	1.66	2.88	2.19	288.9	28.85	74.44	53.4
2024-08-27 00:00:00	1.82	3.23	2.37	197.2	28.79	74.48	53.53
2024-08-28 00:00:00	1.66	2.71	1.79	120.7	28.79	67.1	65.5
2024-08-29 00:00:00	1.68	3.01	2.67	200.9	28.81	69.06	60.97
2024-08-30 00:00:00	1.64	2.91	2.62	180.9	28.81	72.18	62.73
2024-08-31 00:00:00	1.53	2.57	2.23	257.2	28.78	75.66	57.85
2024-09-01 00:00:00	1.45	2.19	2.57	170	28.72	78.09	52.03
2024-09-02 00:00:00	1.64	2.28	2.3	227.5	28.72	79.26	53.86
2024-09-03 00:00:00	1.58	2.91	3.01	243.9	28.73	79.97	48.25
2024-09-04 00:00:00	1.23	2.34	2.57	240.2	28.76	82.38	41.89
2024-09-05 00:00:00	1.69	3.02	1.42	265.7	28.75	84.04	40.86
2024-09-06 00:00:00	1.68	3.29	2.07	251.6	28.7	89.95	32.19
2024-09-07 00:00:00	1.64	2.98	2	230.8	28.64	86.76	36.1
2024-09-08 00:00:00	0.97	1.73	1.83	286.7	28.64	85.8	32.34
2024-09-09 00:00:00	1.39	3.05	2.93	270.1	28.68	84.44	35.95
2024-09-10 00:00:00	1.38	2.85	2.6	244.4	28.66	78.31	39.95
2024-09-11 00:00:00	1.52	2.98	2.5	216.7	28.6	68.38	46.82
2024-09-12 00:00:00	1.92	3.3	2.81	204.6	28.56	67.15	66.75
2024-09-13 00:00:00	2.28	3.47	2.49	212.4	28.64	66.72	71.38
2024-09-14 00:00:00	2.4	2.94	2.5	178	28.7	65.1	77.88
2024-09-15 00:00:00	1.73	2.03	2.56	197.7	28.7	64.12	77.69
2024-09-16 00:00:00	1.14	2.05	4.37	219.5	28.69	63.79	64.67
2024-09-17 00:00:00	1.79	2.88	2.46	257.5	28.76	60.72	67.39
2024-09-18 00:00:00	1.58	2.52	1.94	230.8	28.7	60.93	69.2
2024-09-19 00:00:00	2.2	3.33	2.31	202.9	28.71	61.88	71.92
2024-09-20 00:00:00	1.3	3.29	2.18	258.1	28.71	62.24	74.06
2024-09-21 00:00:00	1.23	2	2.55	227.1	28.73	64.08	74.5
2024-09-22 00:00:00	1.2	1.81	2.16	197.6	28.72	69.24	67.87
2024-09-23 00:00:00	1.31	3.48	2.35	43.3	28.68	74.23	53.65
2024-09-24 00:00:00	1.53	3.08	2.36	192.2	28.68	71.37	60.2
2024-09-25 00:00:00	3.11	4.28	2.74	196.1	28.7	68.24	71.33
2024-09-26 00:00:00	1.34	2.72	2.28	223.2	28.72	68.23	61.37
2024-09-27 00:00:00	1.6	3.16	2.15	214.1	28.71	68.77	56
2024-09-28 00:00:00	1.24	2.28	2.09	170.7	28.73	67.36	61.44
2024-09-29 00:00:00	1	1.74	2.14	302.6	28.75	68.54	54.05
2024-09-30 00:00:00	1.68	3.16	1.6	335.2	28.74	73.27	46.55

2024-10-01 00:00:00	1.69	3.39	1.82	230.6	28.78	78.27	45.32
2024-10-02 00:00:00	1.74	3.34	1.74	290.1	28.69	81.2	41.57
2024-10-03 00:00:00	1.83	3.32	1.87	234.7	28.65	79.55	44.31
2024-10-04 00:00:00	2.04	3.02	1.6	177.8	28.77	75.09	62.03
2024-10-05 00:00:00	1.55	2.57	1.79	198.9	28.82	76.9	55.59
2024-10-06 00:00:00	0.95	1.68	1.84	286.7	28.8	78.54	45.3
2024-10-07 00:00:00	1.37	2.55	1.84	304.8	28.74	76.91	45.33
2024-10-08 00:00:00	1.28	2.24	1.71	18.7	28.73	72.15	49.9
2024-10-09 00:00:00	1.42	2.64	1.98	344.3	28.79	70.89	52.03
2024-10-10 00:00:00	1.7	2.99	1.78	74.2	28.85	69.37	54.51
2024-10-11 00:00:00	1.56	2.56	1.54	341.9	28.9	68.9	51.31
2024-10-12 00:00:00	1.19	2	1.87	75.8	28.91	66.51	53.08
2024-10-13 00:00:00	1.12	1.9	2.1	179	28.87	64.48	60.83
2024-10-14 00:00:00	1.68	2.59	2.17	158.2	28.89	61.78	72.49
2024-10-15 00:00:00	2.3	3.26	2.56	190.1	28.87	60.99	77.52
2024-10-16 00:00:00	5.34	5.64	1.37	245.1	28.82	59.26	87.39
2024-10-17 00:00:00	2.54	3.18	2.66	231.1	28.72	62.37	77.93
2024-10-18 00:00:00	2.06	6.36	3.01	2.3	28.82	64.67	33.75
2024-10-19 00:00:00	1.4	3.04	2.35	10.3	28.92	64.77	29.85
2024-10-20 00:00:00	0.93	1.77	1.89	310	28.95	62.92	39.03
2024-10-21 00:00:00	1.11	2.08	1.67	342	28.93	63.4	43.17
2024-10-22 00:00:00	1.23	2.26	1.55	318.1	28.91	65.54	43.26
2024-10-23 00:00:00	1.38	2.43	1.47	314.8	28.89	66.46	42.25
2024-10-24 00:00:00	1.39	2.52	1.72	337	28.81	65.01	44.84
2024-10-25 00:00:00	1.46	2.51	1.34	20.1	28.86	59.77	55.65
2024-10-26 00:00:00	1.14	1.9	1.3	24.7	28.91	65.5	50.46
2024-10-27 00:00:00	1.12	1.78	1.4	311.8	28.87	66.19	50.28
2024-10-28 00:00:00	1.43	2.26	1.55	354.8	28.76	59.92	61.96
2024-10-29 00:00:00	0.59	1.49	2.05	343.8	28.81	57.05	53.9
2024-10-30 00:00:00	0.9	1.58	1.57	346.3	28.96	53.23	54.14
2024-10-31 00:00:00	1.19	2.14	1.99	314.3	28.9	53.76	56.77
2024-11-01 00:00:00	1.21	2.21	2.03	240	28.81	55.9	55.72
2024-11-02 00:00:00	1.07	1.48	2.22	248.8	28.79	53.39	72.38
2024-11-03 00:00:00	0.78	2.03	3.32	337.6	28.77	58.26	54.46
2024-11-04 00:00:00	0.52	1.2	2.38	8.5	28.93	59.86	37.75
2024-11-05 00:00:00	0.71	1.47	1.85	319.2	28.81	59.3	39.48
2024-11-06 00:00:00	1.67	6.21	5.03	34.6	28.87	60.98	21.91
2024-11-07 00:00:00	0.84	2.89	2.66	19.9	29.02	59.2	20.27
2024-11-08 00:00:00	4.34	6.92	1.7	288.4	28.96	54.89	32.64
2024-11-09 00:00:00	5.99	8.15	1.28	346.9	28.86	54.2	39.8
2024-11-10 00:00:00	6.36	8.45	1.28	0.8	28.88	55.45	41.8
2024-11-11 00:00:00	4.72	7.12	2.66	336.7	28.89	53.86	54.06
2024-11-12 00:00:00	0.76	1.79	2.79	359.2	28.96	58.6	41.44
2024-11-13 00:00:00	2.61	5.16	1.47	242.4	28.96	55.11	39.47
2024-11-14 00:00:00	4.46	7.9	1.95	314.4	28.8	53.82	53.46
2024-11-15 00:00:00	3.91	5.07	1.69	341.7	28.74	52.84	61.92

2024-11-16 00:00:00	1.89	2.95	2.07	332.9	28.81	51.55	47.4
2024-11-17 00:00:00	2.04	3.44	1.6	283.7	28.85	50.08	42.93
2024-11-18 00:00:00	2.7	4.97	2.17	1.4	28.85	50.37	47.19
2024-11-19 00:00:00	3.11	4.91	1.98	2.5	28.96	52.58	39.39
2024-11-20 00:00:00	2.53	4.52	1.06	355.4	29.04	49.99	40.17
2024-11-21 00:00:00	3.29	6.1	1.32	7.7	29.01	50.32	40.02
2024-11-22 00:00:00	3.68	6.62	1.74	14.1	28.92	51.47	40.99
2024-11-23 00:00:00	3.03	4.4	1.2	258.5	28.87	49.32	75.92
2024-11-24 00:00:00	2.78	3.13	1.55	318.9	28.93	52.45	83.07
2024-11-25 00:00:00	2.31	2.91	0.87	48.7	29.02	53.91	75.4
2024-11-26 00:00:00	1.91	2.26	1.12	131.1	28.96	57.16	84.8
2024-11-27 00:00:00	2.05	3.45	1.61	13.4	28.91	59.63	59.81
2024-11-28 00:00:00	0.82	1.83	2.28	356.1	28.97	56.56	30.98
2024-11-29 00:00:00	1.34	1.93	2.34	8	28.97	56.39	26.64
2024-11-30 00:00:00	1.77	3.07	2.67	9.4	28.97	61.05	21.22
2024-12-01 00:00:00	2.02	3.65	1.53	359.2	28.97	62.05	24.72
2024-12-02 00:00:00	2.1	3.48	1.38	352.4	28.97	55.25	30.99
2024-12-03 00:00:00	3.11	5.06	1.37	233.5	28.97	53.03	44.45
2024-12-04 00:00:00	6.36	8.68	1.79	28.4	29	50.05	60.58
2024-12-05 00:00:00	4.1	5.74	1.59	19.7	28.97	55.74	52.15
2024-12-06 00:00:00	3.49	5.07	1.76	350.4	28.98	57.97	42.55
2024-12-07 00:00:00	2.05	3.32	1.52	300.8	28.98	57.24	37.1
2024-12-08 00:00:00	3.57	4.68	0.95	44.6	28.93	51.06	50.31
2024-12-09 00:00:00	3.75	5.49	2.72	21.5	29	53.58	41.45
2024-12-10 00:00:00	1.07	3.36	2.8	358.8	29.21	56.27	17.52
2024-12-11 00:00:00	1.31	2.39	2.19	355.1	29.03	51.99	22.09
2024-12-12 00:00:00	4.46	8.03	1.77	320.9	28.84	45.38	48.79
2024-12-13 00:00:00	4.55	5.9	1.39	331.6	29.01	47.15	71.53
2024-12-14 00:00:00	4.28	5.34	2.11	327.5	29.04	47.65	78.21
2024-12-15 00:00:00	2.29	3.22	2.09	344.9	29.04	49.52	55.1
2024-12-16 00:00:00	2.74	4.68	1.27	306.6	29	51.64	44.1
2024-12-17 00:00:00	2.03	3.67	2.56	1	29.02	58.87	37.17
2024-12-18 00:00:00	0.96	2.04	2.16	14.5	29.04	66.51	28.36
2024-12-19 00:00:00	2.41	3.99	1.82	292.4	29.01	55.39	47.22

Annual 2024 Daily Averaged Data MS-11

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	0.66	0.89	2.95	337.9	28.53	51.04	67.5
2024-01-02 00:00:00	1.07	1.45	2.39	216.3	28.6	50.23	73.8
2024-01-03 00:00:00	0.7	0.95	3.97	323.8	28.47	50.9	71.1
2024-01-04 00:00:00	0.37	0.72	8.76	339	28.56	48.87	56.47
2024-01-05 00:00:00	0.62	1	2.92	35.3	28.56	48.92	57
2024-01-06 00:00:00	1.16	1.62	3.12	225.8	28.49	49.58	61.01
2024-01-07 00:00:00	0.77	1.34	9.84	339.1	28.38	45.09	51.97
2024-01-08 00:00:00	0.42	0.79	3.87	0.8	28.64	45.45	42.97
2024-01-09 00:00:00	0.42	0.89	2.15	142.5	28.57	47.68	47.54
2024-01-10 00:00:00	0.99	1.34	3.16	347.6	28.39	49.43	58.79
2024-01-11 00:00:00	0.65	1.12	6.7	347.8	28.44	44.96	50.07
2024-01-12 00:00:00	0.74	1.34	2.14	188.2	28.54	45.45	44.12
2024-01-13 00:00:00	1.46	2.03	2.66	207.8	28.47	49.59	55.21
2024-01-14 00:00:00	2.99	3.45	2.41	215.6	28.44	49.25	71.99
2024-01-15 00:00:00	1.13	1.59	2.75	183.8	28.46	52.91	65.05
2024-01-16 00:00:00	1.03	1.63	1.9	215.7	28.48	54.85	63.2
2024-01-17 00:00:00	2.9	3.5	1.95	213.6	28.45	50.79	83.79
2024-01-18 00:00:00	6.42	6.91	2.14	147.7	28.5	53.16	76.28
2024-01-19 00:00:00	3.42	4.78	2.08	193.4	28.43	54.82	66.78
2024-01-20 00:00:00	4.18	6.98	1.91	221.3	28.33	51.62	88.41
2024-01-21 00:00:00	1.91	2.22	2.06	167.1	28.31	53.97	86.67
2024-01-22 00:00:00	0.66	1.14	3.99	147.9	28.21	53.26	92.42
2024-01-23 00:00:00	0.58	1	5.95	331.5	28.35	54.18	72.74
2024-01-24 00:00:00	1.79	2.29	2.04	240.4	28.52	50	81.46
2024-01-25 00:00:00	1.88	2.22	3.58	307.2	28.54	54.57	70.99
2024-01-26 00:00:00	0.38	0.79	4.51	12.7	28.65	56.65	49.34
2024-01-27 00:00:00	0.24	0.79	6	1	28.66	62.74	33.77
2024-01-28 00:00:00	0.23	0.7	3.9	342.5	28.58	65.89	36.72
2024-01-29 00:00:00	0.44	1.06	2.59	228.1	28.54	62.4	44.45
2024-01-30 00:00:00	0.98	2	2.19	196.5	28.47	58.34	55.29
2024-01-31 00:00:00	3.16	4.02	3.63	133.9	28.37	55.24	64.17
2024-02-01 00:00:00	0.72	1.07	6.49	174.6	28.18	50.17	83.72
2024-02-02 00:00:00	1.34	1.7	2.93	211.9	28.31	48.46	82.07
2024-02-03 00:00:00	1.7	2.11	2.88	146.2	28.41	47.49	77.9
2024-02-04 00:00:00	0.82	1.07	9.51	95.1	28.32	48.07	88.15
2024-02-05 00:00:00	0.32	0.47	4.44	141.7	28.26	50.5	93.47
2024-02-06 00:00:00	0.34	0.49	2.02	211.5	28.11	46.42	91.68
2024-02-07 00:00:00	1.17	1.43	4.44	227.8	28.26	46.08	84.65
2024-02-08 00:00:00	1.2	1.51	2.84	215	28.38	45.06	77.68
2024-02-09 00:00:00	0.7	0.97	3.49	7.3	28.43	47.18	65.97
2024-02-10 00:00:00	0.48	0.77	5.37	339.9	28.47	49.63	47.75
2024-02-11 00:00:00	0.39	0.73	2.99	287	28.59	49.01	46.63
2024-02-12 00:00:00	0.35	0.65	2.76	282.5	28.5	51.25	47.5
2024-02-13 00:00:00	1.07	1.72	2.68	230.9	28.42	49.94	63.12

2024-02-14 00:00:00	3.04	3.51	2.51	237.9	28.53	48.38	80.93
2024-02-15 00:00:00	2.04	2.53	2.57	240.8	28.56	51.86	79.57
2024-02-16 00:00:00	1.93	2.57	2.74	168.2	28.51	53.05	71.85
2024-02-17 00:00:00	3.67	4.14	2.92	227	28.48	52.46	80.52
2024-02-18 00:00:00	0.76	0.93	2.3	268	28.46	52.75	88.7
2024-02-19 00:00:00	0.17	0.42	4.64	100.4	28.46	52.98	93.94
2024-02-20 00:00:00	0.34	0.53	4.44	114.3	28.5	52.84	93.56
2024-02-21 00:00:00	0.68	1.03	2.58	251	28.52	53.57	82.06
2024-02-22 00:00:00	0.78	1.19	2.46	244	28.59	53.36	67.35
2024-02-23 00:00:00	0.32	0.74	4.14	300.4	28.51	59.13	45.47
2024-02-24 00:00:00	0.59	1.03	2.63	210.9	28.47	59.08	49.27
2024-02-25 00:00:00	1.14	1.56	2.23	165.7	28.46	55.05	68.94
2024-02-26 00:00:00	1.81	2.28	1.88	251.2	28.42	51.67	84.91
2024-02-27 00:00:00	2.37	2.79	2.62	231.7	28.4	54.65	83.19
2024-02-28 00:00:00	2.15	2.83	2.18	239.6	28.45	55.76	76.11
2024-02-29 00:00:00	4.05	4.51	3.14	244.6	28.53	52.06	84.45
2024-03-01 00:00:00	0.52	0.69	3.96	185.9	28.5	51.92	84.53
2024-03-02 00:00:00	0.83	1.03	7.86	215.4	28.4	50.93	84.27
2024-03-03 00:00:00	1.23	1.51	4.72	231.2	28.42	50.04	80.89
2024-03-04 00:00:00	1.35	1.75	2.54	215.1	28.47	49.73	75.96
2024-03-05 00:00:00	1.62	2.18	3.02	243.2	28.44	51.48	75.62
2024-03-06 00:00:00	1.3	1.6	2.96	160.3	28.31	49.11	88.32
2024-03-07 00:00:00	0.75	1.33	3.91	338.2	28.32	51.42	72.48
2024-03-08 00:00:00	0.95	1.5	3.25	88.4	28.52	55.45	58.81
2024-03-09 00:00:00	1.11	1.73	2.96	206.4	28.52	54.15	57.88
2024-03-10 00:00:00	0.87	1.23	2.74	208.9	28.48	52.84	58.41
2024-03-11 00:00:00	1.48	1.97	3.5	228.5	28.46	51.18	72.27
2024-03-12 00:00:00	2	2.51	3	247.3	28.49	55.01	79.62
2024-03-13 00:00:00	2.09	3.32	8.69	338.2	28.42	54.76	59.59
2024-03-14 00:00:00	2.99	8.62	8.53	2.9	28.3	55.91	34.64
2024-03-15 00:00:00	0.92	1.96	3.32	357.4	28.26	55.23	47.03
2024-03-16 00:00:00	1.14	1.9	3.19	219.4	28.42	52.07	63.38
2024-03-17 00:00:00	1.68	2.43	2.8	214.5	28.46	55.58	65.12
2024-03-18 00:00:00	1.45	2.24	3.68	144.5	28.46	59.45	62.38
2024-03-19 00:00:00	2.14	3.16	3.16	229.4	28.44	59.31	69.46
2024-03-20 00:00:00	3.26	4.32	3.11	225.1	28.42	59.42	73.18
2024-03-21 00:00:00	3.76	4.76	2.83	214.9	28.48	57.27	72.54
2024-03-22 00:00:00	5.02	5.92	2.72	248.2	28.45	56.42	78.05
2024-03-23 00:00:00	2.13	2.54	4.63	219.6	28.28	52.16	81.88
2024-03-24 00:00:00	0.74	1.01	3.51	295.8	28.21	48.29	73.32
2024-03-25 00:00:00	0.83	1.2	3.95	318.4	28.32	54.43	58.76
2024-03-26 00:00:00	2.71	3.3	2.96	229.2	28.43	52.4	74.12
2024-03-27 00:00:00	2.6	3.34	3.05	241.2	28.54	53.52	71.83
2024-03-28 00:00:00	2.37	2.86	3.19	233.5	28.45	52.76	76.34
2024-03-29 00:00:00	2.5	2.95	5.4	182.6	28.3	49.68	72.72
2024-03-30 00:00:00	0.91	1.1	7.5	110.5	28.12	48.29	85.34

2024-03-31 00:00:00	0.56	0.71	3.84	93.2	28.19	49.43	82.49
2024-04-01 00:00:00	0.52	0.88	3.28	308.8	28.39	56.21	66.13
2024-04-02 00:00:00	0.94	1.54	3.09	77.4	28.63	60.62	56.42
2024-04-03 00:00:00	1.5	2.1	3.27	219.2	28.53	59.95	62.21
2024-04-04 00:00:00	2.8	3.2	5.14	219.2	28.31	48.68	82.22
2024-04-05 00:00:00	0.93	1.17	4.13	205.1	28.33	44.3	76.79
2024-04-06 00:00:00	0.89	1.18	3.2	192.7	28.58	48.44	60.33
2024-04-07 00:00:00	1.28	1.65	2.86	9.8	28.46	50.97	62
2024-04-08 00:00:00	1.2	1.9	4.6	349.7	28.39	57.93	41.78
2024-04-09 00:00:00	1.03	1.79	3.55	271.4	28.49	61.15	40.41
2024-04-10 00:00:00	2.02	3.27	2.61	194.1	28.46	64.86	46.58
2024-04-11 00:00:00	2.52	3.79	2.49	215.1	28.32	66.46	56.21
2024-04-12 00:00:00	6.7	7.63	4.29	131.6	28.31	54.74	78.33
2024-04-13 00:00:00	2.08	2.6	5.63	168	28.43	50.38	78.68
2024-04-14 00:00:00	0.9	1.07	3.07	218.5	28.49	46.59	89.82
2024-04-15 00:00:00	0.73	1.09	2.57	267.2	28.48	53.97	72.71
2024-04-16 00:00:00	0.7	1.3	2.77	163.7	28.45	61.45	60.25
2024-04-17 00:00:00	1.09	1.87	2.1	237.7	28.43	62.8	64.94
2024-04-18 00:00:00	5.93	7.38	3.72	247	28.38	66.25	63.95
2024-04-19 00:00:00	8.92	9.52	2.96	253.9	28.38	54.13	86.93
2024-04-20 00:00:00	12.82	13.68	2.6	265.8	28.42	57.84	84.63
2024-04-21 00:00:00	7.88	8.81	3.02	241.5	28.38	65.77	74.77
2024-04-22 00:00:00	13.48	14.29	2.75	259.5	28.31	59.67	86.33
2024-04-23 00:00:00	5.74	6.32	3.9	223.7	28.41	57.58	78.82
2024-04-24 00:00:00	4.62	5.61	2.78	258.7	28.45	55.8	77.98
2024-04-25 00:00:00	4.28	5.11	4.13	219.1	28.45	53.81	80.5
2024-04-26 00:00:00	4.14	5.93	3.19	237.3	28.34	56.97	73.16
2024-04-27 00:00:00	1.76	3.23	5.58	321.3	28.38	62.11	50.64
2024-04-28 00:00:00	2.9	4.29	3.16	269.9	28.4	63.53	55.86
2024-04-29 00:00:00	3.02	5.23	4.37	356.7	28.33	67.27	47.14
2024-04-30 00:00:00	6.49	9.76	3.15	274.9	28.28	65.8	53.27
2024-05-01 00:00:00	6.91	9.91	3.93	291.2	28.27	64.12	54.52
2024-05-02 00:00:00	7.77	11.3	3.5	233.2	28.3	62.74	55.96
2024-05-03 00:00:00	15.09	16.86	3.33	263.6	28.29	57.89	83.82
2024-05-04 00:00:00	8.99	9.87	3.92	232.6	28.31	55.85	85.18
2024-05-05 00:00:00	0.96	1.82	6.85	331.1	28.34	54.23	57.71
2024-05-06 00:00:00	1.25	2.25	3.71	334.7	28.41	61.5	40.73
2024-05-07 00:00:00	3.67	5.58	3.02	234.1	28.32	62.91	49.42
2024-05-08 00:00:00	5.24	8.35	3.56	284.8	28.27	64.7	47.97
2024-05-09 00:00:00	9.08	12.67	3.26	233.6	28.34	62.7	67.01
2024-05-10 00:00:00	8.39	10.84	3.5	257.9	28.36	62.45	76.06
2024-05-11 00:00:00	4.97	6.47	3.03	268.9	28.34	63.46	73.89
2024-05-12 00:00:00	7.67	8.76	3.02	270.7	28.34	62.12	78.75
2024-05-13 00:00:00	17.58	18.94	3.28	268.4	28.35	61.4	82.24
2024-05-14 00:00:00	19.37	20.61	3.33	247.5	28.32	59.88	83.79
2024-05-15 00:00:00	16.18	17.29	2.77	264.2	28.33	58.2	84.6

2024-05-16 00:00:00	9.12	10.39	3.25	258.1	28.36	60.02	80.98
2024-05-17 00:00:00	11.96	13.03	2.94	249.5	28.37	58.88	82.73
2024-05-18 00:00:00	8.14	9.01	3.22	257	28.4	59.71	80.46
2024-05-19 00:00:00	7.36	8.22	3.25	261.5	28.42	58.65	79.22
2024-05-20 00:00:00	6.75	7.57	2.83	250.6	28.38	54.89	84.54
2024-05-21 00:00:00	8.97	10.94	3.1	254.1	28.35	60.4	75.48
2024-05-22 00:00:00	10.87	12.68	2.94	248	28.36	58.42	81.88
2024-05-23 00:00:00	12.57	13.96	3.4	218.3	28.35	58.03	81.81
2024-05-24 00:00:00	9.67	11.03	2.86	243.7	28.34	57.81	79.08
2024-05-25 00:00:00	5.35	6.32	4.38	191.1	28.38	57.56	74.57
2024-05-26 00:00:00	5.38	6.32	3.03	275.4	28.42	57.15	79.73
2024-05-27 00:00:00	7.15	8.77	2.8	258.5	28.43	62.28	75.65
2024-05-28 00:00:00	8.06	10.06	2.73	241.6	28.43	63.43	75.6
2024-05-29 00:00:00	10.24	12.06	3.15	244	28.41	61.28	80.62
2024-05-30 00:00:00	11.53	14.53	2.79	232.8	28.36	64.82	74.48
2024-05-31 00:00:00	11.37	13.64	2.95	267.9	28.31	62.54	79.62
2024-06-01 00:00:00	10.62	11.61	2.59	244.1	28.33	58	88.73
2024-06-02 00:00:00	10.67	11.43	2.99	262.5	28.33	59.72	83.48
2024-06-03 00:00:00	10.14	11.7	3.24	242.3	28.29	63.03	78.98
2024-06-04 00:00:00	12.41	14.73	2.87	251	28.27	67.84	74.88
2024-06-05 00:00:00	11.05	13.5	2.78	257.8	28.29	69	76.15
2024-06-06 00:00:00	8.73	11	2.7	286.2	28.3	70.04	74.92
2024-06-07 00:00:00	8.2	9.74	3.2	260.6	28.3	67.02	78.22
2024-06-08 00:00:00	14.05	14.95	2.96	267.1	28.34	63	85.12
2024-06-09 00:00:00	7.27	7.94	2.6	272.8	28.36	62.6	83.06
2024-06-10 00:00:00	6.56	8.45	2.85	242.5	28.33	65.82	75.95
2024-06-11 00:00:00	7.88	10.35	2.98	255.5	28.31	67.28	76.15
2024-06-12 00:00:00	12.82	14.79	3.16	277.6	28.36	67.12	74.11
2024-06-13 00:00:00	5.15	7.05	2.69	250	28.38	65.59	75.23
2024-06-14 00:00:00	5.86	8.98	3.03	259.3	28.34	71.18	67.65
2024-06-15 00:00:00	6.3	10.98	4.27	322.9	28.24	82.61	27.51
2024-06-16 00:00:00	17.54	22.66	3.14	249.5	28.17	72.17	48.79
2024-06-17 00:00:00	13.22	16.39	4.07	239.7	28.15	67.31	66.3
2024-06-18 00:00:00	10.08	15.86	3.24	265.9	28.18	70.52	53.08
2024-06-19 00:00:00	13.81	16.59	2.88	267.6	28.25	66.42	74.25
2024-06-20 00:00:00	9.96	13.09	2.91	269.4	28.22	69.26	65.95
2024-06-21 00:00:00	7.68	11.36	2.66	235.1	28.19	72.27	59.11
2024-06-22 00:00:00	5.32	8.03	3.32	179.1	28.27	78.59	47.82
2024-06-23 00:00:00	3.34	5.37	2.99	233.7	28.32	80.97	38.95
2024-06-24 00:00:00	3.82	6.68	2.92	263.9	28.33	78.55	44.45
2024-06-25 00:00:00	6.17	8.9	2.79	261.5	28.35	76.32	50.38
2024-06-26 00:00:00	8.55	11.73	2.74	252.6	28.36	74.11	59.05
2024-06-27 00:00:00	8.47	11.39	2.82	256.6	28.27	73.35	62.16
2024-06-28 00:00:00	8.97	11.48	3.18	249.2	28.24	71.38	65.85
2024-06-29 00:00:00	7.6	10.42	2.6	253.4	28.31	73.15	62.7
2024-06-30 00:00:00	4.52	7.09	2.88	232.1	28.33	77.75	47.02

2024-07-01 00:00:00	5.32	8.47	2.43	236.5	28.29	76.9	49.73
2024-07-02 00:00:00	7.34	10.72	2.59	233.8	28.26	75.95	57.6
2024-07-03 00:00:00	7.15	10.98	2.59	238.5	28.3	79.98	50.61
2024-07-04 00:00:00	5.34	8.5	2.78	242.5	28.35	78.31	57.64
2024-07-05 00:00:00	8	11.45	3.18	269.7	28.27	88.54	43.69
2024-07-06 00:00:00	10.08	13.87	3.08	225.6	28.26	83.99	48.1
2024-07-07 00:00:00	11.86	13.93	2.53	252.9	28.33	78.3	64.9
2024-07-08 00:00:00	7.69	10.88	2.64	241.5	28.26	76.87	64.49
2024-07-09 00:00:00	8.44	12.03	2.5	240.6	28.26	79.74	60.5
2024-07-10 00:00:00	9.72	13.85	2.72	232.1	28.29	82.55	53.17
2024-07-11 00:00:00	9.89	13.87	2.57	234.3	28.29	82.13	50.89
2024-07-12 00:00:00	19.13	22.28	2.52	257.3	28.3	74.97	66.88
2024-07-13 00:00:00	10.08	12.82	3.01	236.7	28.36	76.4	64.26
2024-07-14 00:00:00	7.46	9.74	2.53	254.9	28.44	75.96	62.81
2024-07-15 00:00:00	6.19	8.93	3.14	253	28.42	76.24	60.18
2024-07-16 00:00:00	6.18	9.28	2.89	262.3	28.39	75.13	59.86
2024-07-17 00:00:00	6.26	9.8	2.47	236.4	28.37	75.55	61.3
2024-07-18 00:00:00	6.57	10.29	2.71	252.2	28.38	78.62	57.98
2024-07-19 00:00:00	5.96	9.36	2.5	245.2	28.39	79.4	52.17
2024-07-20 00:00:00	4.26	7.32	2.49	234.8	28.36	81.37	42.34
2024-07-21 00:00:00	5	7.79	2.77	236.9	28.31	81.39	41.94
2024-07-22 00:00:00	5.27	8.6	2.54	258.3	28.28	81.68	43.64
2024-07-23 00:00:00	5.29	8.88	2.98	256.2	28.33	81.88	46.43
2024-07-24 00:00:00	6.44	10.48	2.81	251.7	28.44	82.23	47.96
2024-07-25 00:00:00	8.59	12.66	2.44	247.1	28.43	83.83	49.59
2024-07-26 00:00:00	7.24	10.81	2.78	243.8	28.32	81.65	51.55
2024-07-27 00:00:00	6.8	9.19	3.04	250.6	28.29	74.63	53.62
2024-07-28 00:00:00	5.45	7.1	3.12	199.8	28.33	71.58	53.04
2024-07-29 00:00:00	4.64	6.72	2.93	199.4	28.37	72.65	45.41
2024-07-30 00:00:00	6.51	9.41	2.66	229.9	28.35	74.37	41.94
2024-07-31 00:00:00	6.78	10.04	2.8	236.6	28.34	76.11	43.59
2024-08-01 00:00:00	6.11	10.59	2.35	220.5	28.41	77.91	46.48
2024-08-02 00:00:00	6.7	10.76	2.93	253.6	28.44	81.87	48.2
2024-08-03 00:00:00	5.36	8.3	2.77	234.8	28.38	82.75	43.82
2024-08-04 00:00:00	4.66	7.2	2.67	231.5	28.32	83.09	40.57
2024-08-05 00:00:00	4.67	7.52	2.49	226.3	28.33	84.74	37.05
2024-08-06 00:00:00	5.63	9.04	2.66	222.3	28.37	84.53	37.17
2024-08-07 00:00:00	7.65	10.7	3.97	178.1	28.42	78.43	51.26
2024-08-08 00:00:00	8.32	10.96	2.82	265.5	28.36	75.62	58.71
2024-08-09 00:00:00	6.56	9.83	2.8	235.7	28.32	77.61	49.8
2024-08-10 00:00:00	7.08	10.3	2.57	235.2	28.32	79.73	48.86
2024-08-11 00:00:00	7.83	10.5	3.17	184.2	28.38	79.35	49.85
2024-08-12 00:00:00	7.35	9.46	3.56	166	28.37	77.37	52.42
2024-08-13 00:00:00	6.42	9.27	2.67	219.1	28.36	76.52	50.66
2024-08-14 00:00:00	6.43	9.87	2.99	224.5	28.39	76.25	49.1
2024-08-15 00:00:00	3.96	8.59	3.27	255.6	28.35	81.54	38.16

2024-08-16 00:00:00	5.48	9.73	2.74	226.1	28.33	77.17	47.26
2024-08-17 00:00:00	7.93	10.42	2.71	248.2	28.35	72.87	62.99
2024-08-18 00:00:00	5.73	7.88	2.89	240.8	28.37	73.85	60.28
2024-08-19 00:00:00	3.85	6.31	2.63	233.2	28.4	76.62	48.37
2024-08-20 00:00:00	2.98	6.03	2.83	204.4	28.39	79.82	31.93
2024-08-21 00:00:00	4.02	7.84	2.96	186.5	28.38	77.86	34.52
2024-08-22 00:00:00	5.65	8.69	3.27	231	28.36	71.77	52.56
2024-08-23 00:00:00	6.06	8.4	3.23	210.4	28.38	67.63	61.71
2024-08-24 00:00:00	5.99	7.81	3.02	217.9	28.43	67.02	60.85
2024-08-25 00:00:00	5.3	7.57	2.99	188.8	28.46	70.99	52.14
2024-08-26 00:00:00	6.38	9.82	2.58	210.2	28.46	75.35	50.94
2024-08-27 00:00:00	6.94	10.77	2.73	221.8	28.4	75.02	52.01
2024-08-28 00:00:00	7.2	10.48	3.09	226.2	28.38	71.21	57.9
2024-08-29 00:00:00	8.8	12.08	2.5	226.3	28.41	67.01	66.99
2024-08-30 00:00:00	8.31	11.5	2.53	232	28.42	71.39	65.24
2024-08-31 00:00:00	8.07	10.82	2.44	232.4	28.38	75.94	60.17
2024-09-01 00:00:00	7.94	10.85	2.53	224.8	28.33	78.52	55
2024-09-02 00:00:00	8.04	10.24	2.4	249.5	28.33	79.5	54.67
2024-09-03 00:00:00	5.57	7.94	2.44	231.4	28.34	81.37	45.23
2024-09-04 00:00:00	3.9	6.75	2.79	222.9	28.37	84.95	37.68
2024-09-05 00:00:00	3.99	7.86	2.66	181.5	28.36	91.62	28.48
2024-09-06 00:00:00	5.08	10.28	2.83	236.7	28.33	92.92	26.37
2024-09-07 00:00:00	4.19	7.63	2.79	205.7	28.27	89.39	28.01
2024-09-08 00:00:00	3.69	6.65	2.57	201.4	28.26	87.9	28.7
2024-09-09 00:00:00	4.16	7.39	3.3	210.8	28.31	86.57	31.46
2024-09-10 00:00:00	3.55	6.44	3.01	216.9	28.28	79.68	36.22
2024-09-11 00:00:00	5.02	8.92	2.28	227.7	28.22	69.69	46.84
2024-09-12 00:00:00	6.98	10.02	2.43	222.7	28.17	69.6	61.21
2024-09-13 00:00:00	10.65	13.53	2.22	204.7	28.25	67.25	71.77
2024-09-14 00:00:00	11.83	13.12	1.97	232.7	28.32	65.4	78.27
2024-09-15 00:00:00	7.75	9.19	2.13	214	28.31	63.45	79.25
2024-09-16 00:00:00	3.84	5	2.6	202.1	28.3	63.81	64.87
2024-09-17 00:00:00	4.71	6.48	2.2	197.9	28.36	61.79	65.6
2024-09-18 00:00:00	5.15	7.31	2.16	168.6	28.3	63.89	65.9
2024-09-19 00:00:00	5.22	6.97	1.78	178.3	28.32	63.09	70.49
2024-09-20 00:00:00	4.37	6.09	2.02	220.3	28.32	62.88	74.42
2024-09-21 00:00:00	6.47	8.07	2.28	218	28.34	64.41	75.62
2024-09-22 00:00:00	7.69	9.35	1.95	174.2	28.34	70.65	67.44
2024-09-23 00:00:00	4.77	7.85	2.27	191.2	28.28	77.8	47.46
2024-09-24 00:00:00	5.15	7.9	2.11	188.6	28.26	74.26	53.76
2024-09-25 00:00:00	8.53	10.32	2.06	186.7	28.28	67.59	72.41
2024-09-26 00:00:00	5.07	7.63	2.13	187	28.3	69.98	62.13
2024-09-27 00:00:00	4.87	7.64	1.98	186.5	28.29	71.65	54.19
2024-09-28 00:00:00	5.88	8.21	2	190.9	28.31	70	57.46
2024-09-29 00:00:00	4.51	6.18	2.12	172.7	28.33	71.35	49.03
2024-09-30 00:00:00	4.83	7.8	2.29	166.8	28.32	77.97	39.05

2024-10-01 00:00:00	5.46	9.04	1.99	175.5	28.37	81.9	38.27
2024-10-02 00:00:00	3.96	7.24	2.1	180.8	28.28	88.28	29.91
2024-10-03 00:00:00	5.78	9.7	2.29	186.9	28.24	85.13	34.71
2024-10-04 00:00:00	8.78	11.8	1.72	174.9	28.35	78.3	53.68
2024-10-05 00:00:00	6.21	8.73	1.92	172.4	28.4	81.16	48.37
2024-10-06 00:00:00	3.75	5.85	2.05	178.4	28.38	83.06	38.78
2024-10-07 00:00:00	4.19	7.01	2.08	182.4	28.33	80.63	39.64
2024-10-08 00:00:00	4.09	6.49	2.26	166.8	28.31	75.68	43.48
2024-10-09 00:00:00	4.63	7.32	1.98	189.6	28.37	73.6	47.05
2024-10-10 00:00:00	8.12	11.25	1.99	195.1	28.42	71.92	51.43
2024-10-11 00:00:00	6.56	8.83	2.08	166.4	28.47	71.56	47.02
2024-10-12 00:00:00	4.05	5.93	2.07	172.7	28.48	69.47	46.31
2024-10-13 00:00:00	4.29	6.4	1.95	199.5	28.44	66.88	56.94
2024-10-14 00:00:00	8.95	10.79	1.98	197.5	28.46	63.34	72.03
2024-10-15 00:00:00	13.96	16	1.93	181.9	28.44	62.03	77.5
2024-10-16 00:00:00	22.89	23.75	1.46	315.9	28.38	58.83	88.83
2024-10-17 00:00:00	12.74	13.85	1.84	208.5	28.29	61.84	78.42
2024-10-18 00:00:00	4.03	14.2	5.19	8.7	28.39	63.23	31.87
2024-10-19 00:00:00	3	7.44	3.62	97.4	28.49	66.46	23.02
2024-10-20 00:00:00	2.38	4.57	2.2	174.2	28.52	66.47	34.23
2024-10-21 00:00:00	2.5	4.58	2.13	172	28.5	67	37.45
2024-10-22 00:00:00	2.46	4.7	2.07	154.2	28.48	70.42	35.66
2024-10-23 00:00:00	2.9	5.5	2.15	164.1	28.46	72.38	33.9
2024-10-24 00:00:00	3.6	6.24	2.18	164.3	28.38	69.06	38.72
2024-10-25 00:00:00	5.01	7.27	1.69	152.9	28.41	59.57	54.48
2024-10-30 00:00:00	2.64	4.85	2.12	187.2	28.52	61.34	45.36
2024-10-31 00:00:00	2.62	4.36	2.32	177.6	28.46	56.08	51.37
2024-11-01 00:00:00	3.17	5.19	1.95	156.4	28.38	58.58	50.12
2024-11-02 00:00:00	4.87	5.91	1.93	188.9	28.35	54.89	69.28
2024-11-03 00:00:00	2.79	8.48	8.22	356.8	28.34	57.08	53.47
2024-11-04 00:00:00	0.96	2.45	3.5	4.8	28.5	61.15	31.67
2024-11-05 00:00:00	1.58	4.41	2.82	164.8	28.38	61.49	32.82
2024-11-06 00:00:00	3.8	17.72	6.97	47.9	28.43	59.64	21.4
2024-11-07 00:00:00	0.83	2.27	4.11	26.1	28.58	57.69	18.83
2024-11-08 00:00:00	2.85	4.48	2.14	170.2	28.52	59.41	23.36
2024-11-09 00:00:00	5.94	7.79	2.02	163.1	28.42	58.34	31.82
2024-11-10 00:00:00	6.29	8.09	1.98	164	28.44	59.95	34.63
2024-11-11 00:00:00	4.29	6.18	2.51	153.3	28.45	56.55	48.15
2024-11-12 00:00:00	0.72	2.25	5.76	352.4	28.52	56.92	41.33
2024-11-13 00:00:00	1.19	2.59	1.96	172.1	28.51	60.39	28.58
2024-11-14 00:00:00	2.78	5.54	2.51	153.8	28.36	56.87	46.26
2024-11-15 00:00:00	3.98	9.2	2.95	340.9	28.3	52.39	62.73
2024-11-16 00:00:00	1.19	2.3	4.94	347.7	28.37	50.51	46.47
2024-11-17 00:00:00	0.7	1.26	2.15	157.7	28.4	54.02	33.8
2024-11-18 00:00:00	2.02	4.8	4.01	359.9	28.4	51.03	46.3
2024-11-19 00:00:00	1.72	3.07	3.32	1.4	28.51	53.08	36.57

2024-11-20 00:00:00	1.63	2.94	2	166.9	28.59	54.91	32.04
2024-11-21 00:00:00	2.03	3.67	1.99	165	28.56	55.46	33.4
2024-11-22 00:00:00	2.3	3.95	2.01	167.3	28.47	56.5	39.13
2024-11-23 00:00:00	3.12	3.94	1.82	191.5	28.42	50.56	75.32
2024-11-24 00:00:00	1.75	2.21	1.65	196	28.48	52.71	83.55
2024-11-25 00:00:00	1.43	2.01	1.35	151.2	28.57	54.15	72.18
2024-11-26 00:00:00	1.37	1.69	1.29	261.8	28.52	57.15	82.17
2024-11-27 00:00:00	1.2	2.19	2.38	334.1	28.47	58.7	59.94
2024-11-28 00:00:00	0.52	1.16	3.51	353.3	28.53	56.59	27.51
2024-11-29 00:00:00	0.52	1.01	2.7	349.9	28.53	55.15	26.71
2024-11-30 00:00:00	1.11	2.19	2.06	27	28.53	60.49	20.9
2024-12-01 00:00:00	1.67	3.16	2.07	189.3	28.54	64.04	20.55
2024-12-02 00:00:00	0.83	1.54	2.21	199.4	28.53	60.79	19.93
2024-12-03 00:00:00	2.71	3.94	1.89	182.4	28.52	59.06	37.68
2024-12-04 00:00:00	8.15	10.13	1.94	174.8	28.56	54.15	58.31
2024-12-05 00:00:00	2.12	3.15	2.42	158.7	28.53	61.29	36.42
2024-12-06 00:00:00	0.93	1.68	2.91	126.2	28.54	62.9	28.06
2024-12-07 00:00:00	1.09	1.89	1.99	179.9	28.54	62.92	26.34
2024-12-08 00:00:00	3.25	4.21	1.92	157.2	28.49	55.09	44.42
2024-12-09 00:00:00	2.81	4.83	3.99	61.9	28.55	55.62	33.43
2024-12-10 00:00:00	0.6	2	4.33	359	28.75	54.85	15.48
2024-12-11 00:00:00	0.57	1.13	1.88	145.4	28.59	53.26	18.19
2024-12-12 00:00:00	2.61	3.61	2.43	160.1	28.38	49.36	45.95
2024-12-13 00:00:00	5.59	6.82	1.84	182	28.55	47.42	75.25
2024-12-14 00:00:00	5.13	6.26	2.15	186.5	28.59	49.98	75.14
2024-12-15 00:00:00	1.88	2.91	2.88	74.1	28.6	52.74	46.52
2024-12-16 00:00:00	2.26	4.64	1.84	171.5	28.55	56.15	35.48
2024-12-17 00:00:00	1.49	3.71	3.97	30.2	28.57	61.01	32.57
2024-12-18 00:00:00	0.77	1.89	3.7	349.7	28.6	66.4	24.92
2024-12-19 00:00:00	0.96	2.21	2.43	194.5	28.55	65.01	27.13
2024-12-20 00:00:00	4.53	6.66	2.02	172.2	28.58	60.07	40.87
2024-12-21 00:00:00	5.63	7.92	1.74	179.2	28.58	56.02	50.85
2024-12-22 00:00:00	4.42	6.25	1.86	161.7	28.54	56.27	50.17
2024-12-23 00:00:00	4.2	6.31	2.02	167.4	28.53	60.98	59.04
2024-12-24 00:00:00	5.04	6.54	3.07	100.9	28.48	54.84	64.01
2024-12-25 00:00:00	0.64	1.4	5.16	359.3	28.5	53.51	49.28
2024-12-26 00:00:00	1	1.86	2.56	97.1	28.48	59.98	34.69
2024-12-27 00:00:00	4.18	5.07	1.84	212.6	28.47	52.73	75.04
2024-12-28 00:00:00	1.84	2.5	2.14	162.8	28.52	57.51	63.29
2024-12-29 00:00:00	2.88	3.63	1.79	183.4	28.53	54.4	66.35
2024-12-30 00:00:00	1.62	2.36	2.72	72.1	28.47	57.73	57.43
2024-12-31 00:00:00	1.14	2.24	2.74	134	28.48	53.85	46.5

Annual 2024 Daily Averaged Data MS-12

Time	PM2.5 (µg/m³)	PM10 (µg/m³)	WS (mph)	WD (°)	PRESS (inHg)	AIR T (°F)	AIR RH (%)
2024-01-01 00:00:00	1.7	2.45	3.72	328.2	28.85	49.52	72.22
2024-01-02 00:00:00	1.37	2.29	2.22	310.5	28.93	47.96	78.69
2024-01-03 00:00:00	1.16	1.72	2.6	349.4	28.8	50.5	76.28
2024-01-04 00:00:00	0.57	1.35	6.04	334.8	28.89	48.62	59.41
2024-01-05 00:00:00	1.22	2.35	2.58	337.8	28.89	45.7	67.57
2024-01-06 00:00:00	1.77	2.65	3.16	199.4	28.82	47.43	68.46
2024-01-07 00:00:00	0.9	1.69	7.11	346.6	28.71	46.49	50.05
2024-01-08 00:00:00	0.86	1.62	3.77	334.7	28.97	44.72	47.62
2024-01-09 00:00:00	1.27	2.82	2.34	328.2	28.9	42.72	61.24
2024-01-10 00:00:00	1.41	2.43	2.34	320.6	28.71	44.09	73.32
2024-01-11 00:00:00	1	1.78	4.96	346.2	28.77	43.89	56.21
2024-01-12 00:00:00	1.26	2.36	2.47	327	28.88	41.66	56.72
2024-01-13 00:00:00	2.22	3.37	2.36	321.5	28.8	45.8	64.98
2024-01-14 00:00:00	3.32	4.17	2.36	331.7	28.77	46.22	77.69
2024-01-15 00:00:00	1.95	3.06	2.71	322.6	28.79	48.9	71.71
2024-01-16 00:00:00	1.62	3.3	2.3	324.9	28.8	51.53	68.95
2024-01-17 00:00:00	2.82	3.8	2.03	327.7	28.78	49.06	86.78
2024-01-18 00:00:00	6.34	7.59	1.75	331.5	28.82	52.76	75.95
2024-01-19 00:00:00	4.59	6.2	1.91	347.9	28.76	53.65	72.31
2024-01-20 00:00:00	3.52	3.96	1.29	344.5	28.66	52.02	90.32
2024-01-21 00:00:00	2	2.67	1.45	37.6	28.64	54.32	86.55
2024-01-22 00:00:00	1.12	1.7	2	4.6	28.53	53.67	91.97
2024-01-23 00:00:00	2.56	3.33	4.12	349.1	28.68	54.9	73.26
2024-01-24 00:00:00	2.17	3.26	1.66	315.3	28.85	49.21	84.25
2024-01-25 00:00:00	2.3	3.02	2.83	21.3	28.87	55.08	71.54
2024-01-26 00:00:00	0.84	1.91	4.85	335.6	28.98	55.04	55.14
2024-01-27 00:00:00	0.33	1.08	5.69	322.9	28.98	63.54	34.58
2024-01-28 00:00:00	0.49	1.35	5.82	337	28.9	67.69	36.54
2024-01-29 00:00:00	0.85	2.57	2.68	328	28.86	59.45	53.86
2024-01-30 00:00:00	1.51	5.68	2.39	327.2	28.8	54.78	64.98
2024-01-31 00:00:00	3.34	4.85	2.98	30.4	28.69	54.45	69.25
2024-02-01 00:00:00	0.8	1.09	3.02	118.1	28.51	50.96	84.58
2024-02-02 00:00:00	1.65	2.81	2.46	77.4	28.64	48.2	82.22
2024-02-03 00:00:00	1.72	2.66	1.97	264.1	28.74	47.68	78.94
2024-02-04 00:00:00	0.85	1.11	2.68	13	28.66	48.78	87.68
2024-02-05 00:00:00	0.45	0.65	1.68	351	28.62	51.48	95.33
2024-02-06 00:00:00	0.54	0.78	1.64	202	28.41	50.01	85.66
2024-02-07 00:00:00	1.38	1.96	3.75	167.8	28.61	49.46	79.7
2024-02-08 00:00:00	1.32	2.06	2.18	30.5	28.71	45.11	79.78
2024-02-09 00:00:00	1.5	3.27	2.52	343.6	28.76	45.05	71.87
2024-02-10 00:00:00	1.02	1.94	4.21	332.2	28.8	49.06	53.34
2024-02-11 00:00:00	0.98	1.9	3.65	334.9	28.92	48.91	50.07
2024-02-12 00:00:00	0.85	1.81	3.6	334	28.84	46.85	61.01
2024-02-13 00:00:00	1.65	3.17	2.5	319.1	28.75	47.13	71.23

2024-02-14 00:00:00	3.37	4.29	2.2	313.1	28.86	46.76	81.23
2024-02-15 00:00:00	2.23	3.29	2.15	343.8	28.89	49.8	81.04
2024-02-16 00:00:00	1.64	2.67	2.12	337.2	28.84	51.04	74.48
2024-02-17 00:00:00	3.01	3.9	2.59	192.5	28.81	51.54	79.96
2024-02-18 00:00:00	0.87	1.18	1.71	342	28.79	52.35	88.11
2024-02-19 00:00:00	0.3	0.51	2.01	98.4	28.79	54.04	92.68
2024-02-20 00:00:00	0.42	0.77	1.78	315.7	28.83	54.48	92.92
2024-02-21 00:00:00	1.38	2.48	2.34	205.8	28.88	55.78	77.97
2024-02-22 00:00:00	1.28	2.82	2.44	327.9	28.92	50.65	72.96
2024-02-23 00:00:00	1.81	3.05	3.54	322.4	28.83	56.11	58.84
2024-02-24 00:00:00	1.07	2.48	2.43	311.7	28.79	56.1	61.49
2024-02-25 00:00:00	1.23	2.06	2.33	315.3	28.79	53.23	72.73
2024-02-26 00:00:00	1.67	2.44	1.83	313.8	28.75	51.53	84.22
2024-02-27 00:00:00	1.57	2.3	2.11	337.8	28.72	54.25	81.93
2024-02-28 00:00:00	1.82	3.05	2.4	319	28.78	53.78	75.47
2024-02-29 00:00:00	3.49	4.38	2.18	204.8	28.87	52.11	83.44
2024-03-01 00:00:00	0.69	0.98	2.2	160.1	28.84	52.61	85.36
2024-03-02 00:00:00	0.99	1.28	4.53	165.4	28.73	51.77	86.36
2024-03-03 00:00:00	1.62	2.21	3.17	162.2	28.75	50.42	82.3
2024-03-04 00:00:00	1.56	2.62	2.3	314.8	28.81	48.58	77.96
2024-03-05 00:00:00	1.93	2.86	2.4	304.5	28.77	50.12	78.52
2024-03-06 00:00:00	1.3	1.81	1.62	325.1	28.64	49.27	88.69
2024-03-07 00:00:00	1.08	1.84	3.04	351	28.65	50.64	75.28
2024-03-08 00:00:00	1.32	2.33	2.95	325.4	28.85	53.23	65.48
2024-03-09 00:00:00	1.67	3.3	2.76	300.8	28.86	51.9	66.94
2024-03-10 00:00:00	1.16	1.9	2.65	317.3	28.81	51.11	67.14
2024-03-11 00:00:00	1.55	2.36	2.95	201	28.8	50.72	75.32
2024-03-12 00:00:00	2.22	3.2	2.19	140.2	28.83	55.02	79.15
2024-03-13 00:00:00	2.26	4.04	6.62	349.8	28.75	54.65	60.64
2024-03-14 00:00:00	3.99	12.1	6.36	325	28.63	56.6	35.82
2024-03-15 00:00:00	1.09	2.53	3.27	329.2	28.59	54.02	52.4
2024-03-16 00:00:00	1.3	2.44	2.78	335.5	28.75	50.96	67.59
2024-03-17 00:00:00	1.69	2.65	2.5	333.4	28.8	54.32	69
2024-03-18 00:00:00	1.8	2.95	3.55	340.3	28.79	57.82	66.18
2024-03-19 00:00:00	2.18	3.29	2.47	330.6	28.77	57.24	72.03
2024-03-20 00:00:00	3.28	4.6	2.51	323	28.75	57.67	73.63
2024-03-21 00:00:00	5.53	6.97	2.6	322.2	28.81	55.41	75.77
2024-03-22 00:00:00	4.93	6.3	2.51	289.9	28.79	55.58	77.31
2024-03-23 00:00:00	2.37	2.95	2.72	161.4	28.61	53.34	81.46
2024-03-24 00:00:00	0.93	1.34	3.21	351.8	28.55	48.13	74.82
2024-03-25 00:00:00	1	1.59	3.41	6.3	28.65	53.47	62.86
2024-03-26 00:00:00	2.98	3.96	2.73	315.3	28.77	50.56	76.71
2024-03-27 00:00:00	2.93	4.27	2.46	312.8	28.88	52.17	73.92
2024-03-28 00:00:00	2.41	3.42	2.74	247.1	28.78	52.41	75.69
2024-03-29 00:00:00	2.55	3.39	3.5	165.4	28.64	49.21	72.89
2024-03-30 00:00:00	1.05	1.31	3.29	80.9	28.46	49.95	81.2

2024-03-31 00:00:00	0.74	1.01	2.12	316.4	28.53	50.89	80.66
2024-04-01 00:00:00	1.03	1.69	2.93	334.2	28.72	55.26	70.04
2024-04-02 00:00:00	1.28	2.4	3.13	340.9	28.96	58.13	65.05
2024-04-03 00:00:00	2.04	3.34	2.84	357	28.87	57.84	69.91
2024-04-04 00:00:00	3.77	4.6	3.19	175.2	28.65	49.81	79.26
2024-04-05 00:00:00	1.09	1.49	2.54	129.7	28.67	43.89	80.68
2024-04-06 00:00:00	1.15	1.75	2.43	318.6	28.92	45.99	68.86
2024-04-07 00:00:00	1.51	2.17	2.79	326.8	28.8	49.88	64.85
2024-04-08 00:00:00	1.43	2.64	3.72	352.9	28.73	57.09	47.42
2024-04-09 00:00:00	1.39	2.86	3.46	323.2	28.83	57.95	51.28
2024-04-10 00:00:00	2.42	5.6	2.68	329.4	28.8	61.72	56.79
2024-04-11 00:00:00	2.82	4.65	2.89	332.5	28.65	64.2	60.77
2024-04-12 00:00:00	8.63	9.6	3.18	189.1	28.64	55.44	77.33
2024-04-13 00:00:00	2.1	2.63	3.42	173.5	28.76	51.45	76.9
2024-04-14 00:00:00	0.91	1.11	1.96	177.5	28.83	46.48	91.22
2024-04-15 00:00:00	1.18	1.63	2.54	346	28.81	53.7	76.14
2024-04-16 00:00:00	1.05	1.9	2.73	315.4	28.78	59.22	66.42
2024-04-17 00:00:00	1.96	3.1	2.63	327.4	28.75	61.88	68.15
2024-04-18 00:00:00	3.46	4.49	2.15	311.3	28.72	60.4	73.38
2024-04-19 00:00:00	7.59	8.25	2.16	309	28.71	54.8	84
2024-04-20 00:00:00	9.07	9.84	2.11	198.9	28.74	58.1	81.31
2024-04-21 00:00:00	6.61	7.44	2.46	233.7	28.7	64.85	74.55
2024-04-22 00:00:00	11.05	11.93	2.52	271.8	28.64	61.02	82.92
2024-04-23 00:00:00	3.61	4.23	2.57	203.1	28.74	58.92	75.53
2024-04-24 00:00:00	2.93	3.77	2.3	215.3	28.78	56.45	75.91
2024-04-25 00:00:00	2.55	3.31	2.63	174.1	28.78	55.31	76.45
2024-04-26 00:00:00	2.79	4.21	2.59	326.6	28.67	57.26	71.55
2024-04-27 00:00:00	1.62	3.11	3.67	339.4	28.71	61.45	54.58
2024-04-28 00:00:00	2.11	3.21	2.78	322.6	28.72	60.56	63.91
2024-04-29 00:00:00	2.37	4.89	3.57	327.5	28.65	64.47	55.66
2024-04-30 00:00:00	4.44	7.66	2.93	317.8	28.6	65.99	53.8
2024-05-01 00:00:00	5.06	7.28	3.65	341.9	28.6	61.04	65.05
2024-05-02 00:00:00	4.74	6.89	2.66	317.9	28.62	59.77	63.79
2024-05-03 00:00:00	10.18	12.39	2.15	298.3	28.62	58.33	80.15
2024-05-04 00:00:00	5.17	5.74	2.8	223.1	28.64	56.36	83.06
2024-05-05 00:00:00	0.64	1.3	4.59	344.4	28.67	55.73	57.77
2024-05-06 00:00:00	0.85	1.7	2.94	317.6	28.74	58.4	49.77
2024-05-07 00:00:00	2.33	3.78	2.8	319.6	28.65	59.98	59.24
2024-05-08 00:00:00	3.63	5.91	2.98	308.5	28.59	61.79	58.4
2024-05-09 00:00:00	4.6	6.53	2.76	283.3	28.66	62.29	63.8
2024-05-10 00:00:00	6.15	7.6	2.51	241.7	28.69	62.47	72.13
2024-05-11 00:00:00	3.72	4.79	2.67	249.8	28.67	64.17	69.25
2024-05-12 00:00:00	5.17	5.92	2.35	197.2	28.67	62.77	74.86
2024-05-13 00:00:00	11.54	12.43	2.29	241.3	28.68	62.61	78.33
2024-05-14 00:00:00	13.77	14.79	2.36	228.7	28.65	61.76	79.08
2024-05-15 00:00:00	10.42	11.26	2.36	225.6	28.66	60.29	78.66

2024-05-16 00:00:00	6.07	7	2.59	210.8	28.69	61.97	75.2
2024-05-17 00:00:00	6.15	7.01	2.02	195.7	28.71	60.54	78.08
2024-05-18 00:00:00	4.74	5.7	2.27	216.1	28.73	60.84	76.66
2024-05-19 00:00:00	4.33	5.05	2.25	239.1	28.76	58.62	76.65
2024-05-20 00:00:00	4.22	4.95	1.98	240.6	28.72	54.43	81.45
2024-05-21 00:00:00	5.61	6.93	1.84	310	28.69	58.46	77.01
2024-05-22 00:00:00	6.4	7.97	2.65	236.1	28.69	58.54	77.82
2024-05-23 00:00:00	7.09	8.08	2.35	198.9	28.68	59.6	78.2
2024-05-24 00:00:00	6.21	7.39	2.5	187.9	28.68	59.7	74.37
2024-05-25 00:00:00	3.45	4.4	2.4	314.1	28.72	57.35	73.17
2024-05-26 00:00:00	3.17	3.88	2.37	291.9	28.76	57.01	76.7
2024-05-27 00:00:00	4.1	5.27	2.61	279.8	28.76	62.21	71.85
2024-05-28 00:00:00	4.69	6.37	2.49	234.2	28.76	63.28	71.57
2024-05-29 00:00:00	6.01	7.29	2.45	257	28.75	61.67	75.76
2024-05-30 00:00:00	7.72	9.53	2.42	245.1	28.69	64.73	71.12
2024-05-31 00:00:00	9.08	10.38	2.65	220	28.65	63.02	76.75
2024-06-01 00:00:00	8.16	8.71	2.05	233.5	28.67	60.32	82.45
2024-06-02 00:00:00	6.09	6.7	2.38	237.2	28.67	60.68	78.62
2024-06-03 00:00:00	5.56	6.76	2.4	211.7	28.63	64.41	73.99
2024-06-04 00:00:00	7.7	11.24	2.35	191.6	28.6	68.22	71.4
2024-06-05 00:00:00	8.38	10.44	2.4	207.3	28.62	70.69	71.39
2024-06-06 00:00:00	7.71	9.31	2.45	204.8	28.63	70.58	73.24
2024-06-07 00:00:00	6.69	8.38	2.49	202	28.64	68.25	75.14
2024-06-08 00:00:00	8.78	9.46	2	220.5	28.68	64.6	80.47
2024-06-09 00:00:00	4.36	4.91	1.83	250.3	28.7	63.43	78.89
2024-06-10 00:00:00	3.98	5.53	2.46	212.9	28.67	66.29	71.64
2024-06-11 00:00:00	5.06	6.87	2.42	247.2	28.64	68.41	70.78
2024-06-12 00:00:00	9.88	11.35	2.42	200.6	28.7	68.63	71.99
2024-06-13 00:00:00	5.15	6.44	2.57	221	28.72	66.07	72.68
2024-06-14 00:00:00	3.57	5.79	2.48	188.1	28.67	70.67	67.12
2024-06-15 00:00:00	4.89	7.36	2.51	207.4	28.57	76.95	45.68
2024-06-16 00:00:00	12.21	15.73	2.43	254.2	28.5	69.61	56.28
2024-06-17 00:00:00	7.99	10.16	2.89	163.9	28.48	67.63	64.41
2024-06-18 00:00:00	6.71	9.84	2.67	212.8	28.52	68.02	61.87
2024-06-19 00:00:00	8.16	10.07	2.38	267.5	28.59	66.13	71.18
2024-06-20 00:00:00	6.06	8.37	2.5	234.4	28.56	69.04	64.02
2024-06-21 00:00:00	4.53	7.35	2.53	293.8	28.52	72.54	56.9
2024-06-22 00:00:00	3.54	5.77	2.84	288	28.59	78.28	49.62
2024-06-23 00:00:00	2.28	4.27	3.1	181	28.65	80.85	41.41
2024-06-24 00:00:00	3.01	6.46	2.53	233	28.66	78.35	46.16
2024-06-25 00:00:00	3.94	6.35	2.38	248.9	28.68	76.55	50.62
2024-06-26 00:00:00	5.33	8.03	2.27	258.6	28.69	74.45	58.09
2024-06-27 00:00:00	5.17	7.45	2.34	248.8	28.6	73.18	61.45
2024-06-28 00:00:00	5.64	8.26	2.57	211	28.57	71.6	64.68
2024-06-29 00:00:00	4.49	6.05	2.42	268.1	28.64	73.08	60.3
2024-06-30 00:00:00	2.73	4.68	2.77	317	28.66	77.27	48.07

2024-07-01 00:00:00	3.07	5.3	2.14	239.8	28.62	74.57	52.43
2024-07-02 00:00:00	4.43	7.17	2.24	261.6	28.58	75.54	56.66
2024-07-03 00:00:00	4.22	6.84	2.79	231	28.63	80.11	53.25
2024-07-04 00:00:00	3.08	5.01	2.52	182.4	28.67	78.33	57.08
2024-07-05 00:00:00	4.53	7.13	2.72	336.1	28.59	86.04	48.23
2024-07-06 00:00:00	5.71	8.16	2.8	223.1	28.58	82.26	49.92
2024-07-07 00:00:00	7.14	8.5	2.46	212.9	28.65	78.21	63.15
2024-07-08 00:00:00	4.86	7.64	2.38	236.2	28.58	77.65	61.79
2024-07-09 00:00:00	5.23	8.45	2.64	247.3	28.58	79.97	57.68
2024-07-10 00:00:00	6.8	9.9	2.73	288.2	28.61	82.41	50.07
2024-07-11 00:00:00	8.52	11.34	3.02	237.4	28.61	81.64	50.22
2024-07-12 00:00:00	21.34	24.08	2.51	175	28.62	73.38	68.7
2024-07-13 00:00:00	5.77	8	2.67	163	28.68	76.65	62.78
2024-07-14 00:00:00	4.2	5.69	2.64	198.4	28.76	75.85	61.9
2024-07-15 00:00:00	3.92	6.72	2.62	206.2	28.74	76.1	59.4
2024-07-16 00:00:00	3.43	5.82	2.82	178.3	28.71	74.69	58.86
2024-07-17 00:00:00	3.41	6.07	2.58	242.7	28.68	76	58.29
2024-07-18 00:00:00	3.81	6.89	2.43	199.8	28.7	78.48	56.75
2024-07-19 00:00:00	3.54	7.55	2.65	240.3	28.7	79.38	51.4
2024-07-20 00:00:00	2.39	4.94	2.95	272.9	28.67	81.12	40.5
2024-07-21 00:00:00	2.6	4.44	2.54	258.3	28.63	81.75	40.31
2024-07-22 00:00:00	3.2	6.25	2.34	283.5	28.6	81.72	42.48
2024-07-23 00:00:00	3.23	5.91	2.82	182.4	28.65	81.73	46.98
2024-07-24 00:00:00	3.74	6.58	2.37	194.7	28.75	82.47	48.51
2024-07-25 00:00:00	5.03	8.01	2.57	200.6	28.74	83.16	49.87
2024-07-26 00:00:00	4.37	7.92	2.44	249.3	28.63	81.3	51.1
2024-07-27 00:00:00	4.08	6.23	2.63	152.1	28.61	73.3	55.31
2024-07-28 00:00:00	3.17	4.87	2.66	254	28.65	71.38	52.05
2024-07-29 00:00:00	2.77	4.77	2.76	327.3	28.69	71.88	44.46
2024-07-30 00:00:00	4.18	6.8	2.83	287.5	28.67	73.58	43.25
2024-07-31 00:00:00	4.46	7.41	2.86	304.2	28.66	75.25	43.24
2024-08-01 00:00:00	3.8	6.88	2.5	175.8	28.72	76.99	46.02
2024-08-02 00:00:00	3.85	6.86	2.61	248.9	28.75	81.72	47.87
2024-08-03 00:00:00	3.14	5.67	2.68	300.5	28.68	82.17	43.53
2024-08-04 00:00:00	2.61	4.33	2.78	290.4	28.62	82.69	41.9
2024-08-05 00:00:00	2.98	5.93	2.71	301.8	28.63	84.17	38.04
2024-08-06 00:00:00	3.56	6.69	2.91	212.7	28.67	83.75	37.85
2024-08-07 00:00:00	4.42	6.53	2.77	185.4	28.71	79.22	50.93
2024-08-08 00:00:00	4.76	6.45	2.38	145.6	28.65	75.6	58.28
2024-08-09 00:00:00	4.03	7.39	2.65	197.9	28.61	77.66	50.04
2024-08-10 00:00:00	3.99	6.46	2.33	259.5	28.61	79.48	48.85
2024-08-11 00:00:00	4.4	6.3	2.83	283.1	28.67	79.32	49.91
2024-08-12 00:00:00	4.19	6.09	2.68	272.9	28.66	77.74	51.74
2024-08-13 00:00:00	3.57	5.84	2.73	311.3	28.66	76.26	49.27
2024-08-14 00:00:00	3.66	6.32	2.86	254.2	28.68	75.35	49.55
2024-08-15 00:00:00	2.78	6.58	2.97	315.4	28.64	77.7	44.24

2024-08-16 00:00:00	3.12	6.82	2.97	310.6	28.62	76.11	46.54
2024-08-17 00:00:00	4.25	6.3	2.43	228.8	28.64	72	61.77
2024-08-18 00:00:00	3.14	4.52	2.6	309.8	28.66	73.6	59.15
2024-08-19 00:00:00	2.07	4.23	3	319.7	28.69	75.38	47.26
2024-08-20 00:00:00	1.98	5.4	3	316.3	28.68	77.85	34.89
2024-08-21 00:00:00	2.87	6.49	2.92	306.4	28.67	76.3	36.52
2024-08-22 00:00:00	3.1	5.17	2.59	295.7	28.65	71.4	52.21
2024-08-23 00:00:00	3.05	5.32	2.62	279.9	28.67	66.8	59.46
2024-08-24 00:00:00	3.43	5.43	2.69	298.4	28.73	66.12	59.23
2024-08-25 00:00:00	3.07	4.87	2.65	306.1	28.75	69.62	54.72
2024-08-26 00:00:00	3.56	6.07	2.6	335.6	28.75	70.48	57.79
2024-08-27 00:00:00	3.96	6.48	2.64	179.5	28.69	74.45	52.34
2024-08-28 00:00:00	4.27	6.24	2.49	256.1	28.67	70.49	60.29
2024-08-29 00:00:00	4.78	6.72	2.76	215.6	28.7	68.95	63.11
2024-08-30 00:00:00	4.32	6.99	2.53	290.9	28.71	71.99	61.14
2024-08-31 00:00:00	3.8	5.8	2.7	310.7	28.68	75.68	57.77
2024-09-01 00:00:00	3.5	5.17	2.7	262	28.62	78.12	52.49
2024-09-02 00:00:00	3.78	5.31	2.61	292.5	28.62	79.18	52.67
2024-09-03 00:00:00	3.38	6.39	3.08	292.8	28.63	80.35	46.72
2024-09-04 00:00:00	2.47	5.08	2.83	312.4	28.66	82.67	39.93
2024-09-05 00:00:00	2.96	7.3	2.8	309.2	28.65	88.29	32.65
2024-09-06 00:00:00	3.04	6.77	2.61	308.2	28.64	89.7	29.78
2024-09-07 00:00:00	2.73	5.53	2.71	304.8	28.58	86.92	31.22
2024-09-08 00:00:00	2.17	4.15	2.82	319.1	28.58	86.12	30.62
2024-09-09 00:00:00	2.01	4.62	2.99	300.8	28.62	85.1	32.18
2024-09-10 00:00:00	2.28	5.13	3.01	327.9	28.6	78.62	36.85
2024-09-11 00:00:00	2.91	5.46	2.62	300.2	28.54	67.95	47.49
2024-09-12 00:00:00	3.7	5.89	2.5	265.9	28.49	66.12	65.58
2024-09-13 00:00:00	5.17	6.95	2.41	285.8	28.57	66.22	70.81
2024-09-14 00:00:00	6	7.02	1.98	261.2	28.63	64.51	75.71
2024-09-15 00:00:00	4.52	5.13	2.35	205.9	28.63	63.89	76.12
2024-09-16 00:00:00	2.24	3.91	3.39	194	28.62	63.62	64.16
2024-09-17 00:00:00	2.77	4.85	2.82	252.2	28.68	60	67.24
2024-09-18 00:00:00	2.99	5.14	2.62	286	28.62	61.51	68
2024-09-19 00:00:00	2.56	3.85	2.28	264.5	28.64	60.5	71.87
2024-09-20 00:00:00	2.74	4.12	1.66	322.7	28.65	55.22	83.64
2024-09-21 00:00:00	6.55	9.07	2.76	210.2	28.66	70.84	63.79
2024-09-22 00:00:00	7.21	10.14	2.57	314.4	28.65	68.84	66.92
2024-09-23 00:00:00	4.29	9.48	3.1	311.5	28.6	74.6	52.08
2024-09-24 00:00:00	7.3	12.46	2.67	206.5	28.58	71.39	59.4
2024-09-25 00:00:00	12.21	17.73	2.51	296.1	28.6	67.65	69.75
2024-09-26 00:00:00	4.94	10.57	2.84	325.5	28.62	67.67	62.58
2024-09-27 00:00:00	4.48	10.74	2.68	328.6	28.61	68.55	54.78
2024-09-28 00:00:00	5.75	10.26	2.61	164.3	28.62	67.15	58.71
2024-09-29 00:00:00	4.84	9.8	2.77	330.1	28.64	68.31	53.04
2024-09-30 00:00:00	4.89	14.77	2.5	303.9	28.63	73.77	44.22

2024-10-01 00:00:00	5.32	12.6	2.76	318.7	28.68	77.16	43.6
2024-10-02 00:00:00	4.85	13.88	2.87	319.2	28.6	80.66	38.96
2024-10-03 00:00:00	5.09	13.75	2.82	317.6	28.55	81.11	36.73
2024-10-04 00:00:00	9.27	16.15	2.01	180.7	28.66	75.3	57.65
2024-10-05 00:00:00	5.76	11.26	2.65	310.6	28.71	77.32	51.8
2024-10-06 00:00:00	3.4	7.89	3.08	321.4	28.7	79.67	42.35
2024-10-07 00:00:00	3.91	11.15	2.59	303.5	28.64	77.45	42.37
2024-10-08 00:00:00	4.4	10.42	2.77	335.5	28.62	72.08	47.65
2024-10-09 00:00:00	5.12	12.98	2.63	319.7	28.69	70.73	50
2024-10-10 00:00:00	7.28	13.81	2.52	324.1	28.74	68.54	52.75
2024-10-11 00:00:00	6.17	11.76	2.66	328.5	28.79	68.57	48.6
2024-10-12 00:00:00	4.29	9.75	2.66	321.1	28.8	66.32	50.42
2024-10-13 00:00:00	4.06	8.92	2.58	296.3	28.76	64	60.46
2024-10-14 00:00:00	7.46	11.92	2.58	317.4	28.78	60.85	72.31
2024-10-15 00:00:00	13.58	17.47	2.36	286.5	28.76	60.31	76.5
2024-10-16 00:00:00	21.49	23.33	1.99	286.9	28.71	59.52	85.72
2024-10-17 00:00:00	12.55	15.33	2.31	220.9	28.61	61.89	77.34
2024-10-18 00:00:00	4.36	23.88	4.58	335	28.71	62.66	33.88
2024-10-19 00:00:00	3	12.25	4.06	336.2	28.81	62.62	27.99
2024-10-20 00:00:00	3.4	14.55	2.85	315.4	28.84	62.73	37.55
2024-10-21 00:00:00	2.51	8.88	2.79	318.2	28.82	63.28	41.01
2024-10-22 00:00:00	2.73	8.42	2.82	330.3	28.8	65.79	39.76
2024-10-23 00:00:00	3.17	10.12	2.9	314.7	28.78	67.35	38.01
2024-10-24 00:00:00	4.07	12.15	2.78	316.7	28.7	65.08	41.85
2024-10-25 00:00:00	3.81	9.82	2.48	328.4	28.75	60.2	50.77
2024-10-26 00:00:00	3.96	9.36	2.61	314.5	28.8	65.82	45.26
2024-10-27 00:00:00	3.85	8.32	2.39	325.8	28.76	66.52	45.5
2024-10-28 00:00:00	4.58	10.28	2.45	340.7	28.65	58.59	61.11
2024-10-29 00:00:00	2.27	14.06	4.39	347.2	28.69	54.34	54.19
2024-10-30 00:00:00	2.58	7.92	2.49	307.4	28.84	52.42	54.16
2024-10-31 00:00:00	2.92	7.37	2.78	320.9	28.79	52.18	57.85
2024-11-01 00:00:00	3.7	11.33	2.57	309.1	28.7	53.58	59.91
2024-11-02 00:00:00	4.7	8.28	2.68	319.2	28.67	52.75	72.9
2024-11-03 00:00:00	4.01	27.04	6.72	343.3	28.66	57.85	52.58
2024-11-04 00:00:00	1.52	5.58	4.08	321.4	28.82	59.03	34.61
2024-11-05 00:00:00	2.22	8.34	2.74	339.6	28.7	56.71	42.5
2024-11-06 00:00:00	3.24	21.38	7.16	302.5	28.76	61.49	20.61
2024-11-07 00:00:00	0.94	4.49	4.97	332.4	28.9	58.97	17.7
2024-11-08 00:00:00	4.2	9.55	2.57	309.5	28.84	54.33	27.8
2024-11-09 00:00:00	6.26	11.56	2.7	318.7	28.74	54.16	35.32
2024-11-10 00:00:00	6.78	11.37	2.6	319.6	28.76	55.78	37.31
2024-11-11 00:00:00	4.42	9.87	3.29	344.2	28.77	53.73	51.8
2024-11-12 00:00:00	1.22	7.65	5.82	343.3	28.84	57.35	40.42
2024-11-13 00:00:00	2.02	7.98	2.75	317	28.84	53.67	35.07
2024-11-14 00:00:00	3.5	8.03	2.85	326.5	28.68	53.98	51.12
2024-11-15 00:00:00	4.01	6.52	2.94	343.5	28.62	51.62	62.63

2024-11-16 00:00:00	1.47	3.53	4.22	345.5	28.7	50.79	45.27
2024-11-17 00:00:00	1.76	4.3	2.71	327.9	28.73	48.52	41.09
2024-11-18 00:00:00	2.15	5.84	3.39	344	28.73	49.31	46.52
2024-11-19 00:00:00	2.28	5.78	4.09	336.6	28.84	50.33	39.9
2024-11-20 00:00:00	3.27	8.52	2.67	326.3	28.92	48.59	36.48
2024-11-21 00:00:00	2.83	8.35	2.75	325.8	28.89	49.73	36.4
2024-11-22 00:00:00	3.53	8.44	2.57	319	28.8	51.11	39.12
2024-11-23 00:00:00	3.03	4.66	1.7	272.2	28.74	49.58	76.6
2024-11-24 00:00:00	2.6	3.59	1.78	348.4	28.81	51.64	84.33
2024-11-25 00:00:00	2.25	3.43	1.45	317.2	28.9	53.3	75.79
2024-11-26 00:00:00	1.26	1.77	1.51	293.4	28.84	57.6	85.02
2024-11-27 00:00:00	2.25	4.6	2.62	310.7	28.8	59.74	62.76
2024-11-28 00:00:00	0.63	2.15	5.71	321.6	28.86	57.22	29.2
2024-11-29 00:00:00	0.83	1.99	4.39	316.8	28.86	55.65	27.76
2024-11-30 00:00:00	1.39	3.64	3.37	310.4	28.86	59.05	23.52
2024-12-01 00:00:00	1.8	5.13	2.55	313.4	28.86	59.83	24.17
2024-12-02 00:00:00	1.75	5.22	3.34	324.6	28.86	54.16	27.14
2024-12-03 00:00:00	3.09	7.25	2.54	331.9	28.85	53.09	40.02
2024-12-04 00:00:00	6.73	10.19	2.86	336.5	28.89	49.55	58.03
2024-12-05 00:00:00	5.18	8.73	2.83	319.9	28.86	54.75	52.09
2024-12-06 00:00:00	2.1	5.1	3.99	324.7	28.87	57.89	36.17
2024-12-07 00:00:00	2.24	9.77	2.86	324.7	28.87	55.51	35
2024-12-08 00:00:00	3.34	6.35	2.43	321.2	28.82	50.95	46.65
2024-12-09 00:00:00	3.03	6.41	4.51	318.2	28.88	53.7	40.29
2024-12-10 00:00:00	0.99	5.24	6.45	332.8	29.09	57.16	14.8
2024-12-11 00:00:00	1.69	4.93	3.44	307.2	28.91	48.46	21.42
2024-12-12 00:00:00	2.85	6.1	3.05	329.2	28.72	45.41	46.2
2024-12-13 00:00:00	5.64	8.55	2.33	330.2	28.88	44.94	74.8
2024-12-14 00:00:00	4.63	6.69	2.9	346.1	28.92	47.22	78.39
2024-12-15 00:00:00	2.45	4.47	3.55	326.2	28.92	48.14	55.3
2024-12-16 00:00:00	2.65	7.25	2.58	329	28.87	51.05	40.46
2024-12-17 00:00:00	1.51	4.76	4.79	326.9	28.9	60.27	32.69
2024-12-18 00:00:00	1.24	6.69	5	334.8	28.93	67.53	24.51
2024-12-19 00:00:00	1.31	4.84	3.55	320.1	28.88	59.32	32.98
2024-12-20 00:00:00	4.23	8.77	2.5	322.3	28.9	54.22	46.13
2024-12-21 00:00:00	4.61	8.4	2.41	331.2	28.91	51.9	53.97
2024-12-22 00:00:00	3.63	7.03	2.22	321.8	28.86	53.02	52.61
2024-12-23 00:00:00	4.04	6.99	2.54	332.3	28.86	57.13	63.17
2024-12-24 00:00:00	3.73	6.03	3	330.5	28.81	52.86	67.66
2024-12-25 00:00:00	1.28	7.07	5.28	348.1	28.83	55.4	45.53
2024-12-26 00:00:00	1.73	5.22	2.33	337.5	28.8	55.87	40.12
2024-12-27 00:00:00	3.4	5.18	2.29	319.9	28.8	50.15	73.82
2024-12-28 00:00:00	3.18	5.48	2.31	319	28.84	52.4	70.43
2024-12-29 00:00:00	2.68	4.2	2.39	333.2	28.85	50.44	70.8
2024-12-30 00:00:00	3.44	5.21	2.97	326.1	28.79	51.26	69.6
2024-12-31 00:00:00	2.85	5.25	2.98	313.7	28.81	48.56	56.28

Appendix B

Annual 2024 Laboratory Analysis Reports (Off-Site Only)

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: January 29, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: January 10, 2024
Date Analyzed: January 10-12, 2024

AtmAA Lab No.:	20104-12	20104-13	20104-14
Sample I.D.:	MS-07	MS-08	MS-12
Components	(Concentration in ppmv)		
Methane	2.29	2.01	1.78
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.35	0.38	0.43
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.68	0.54	1.29
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.12	0.13	0.17
o-xylene	<0.12	<0.12	<0.12

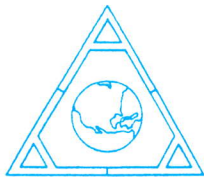
Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: March 12, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 012014123 T10
Date Received: February 23, 2024
Date Analyzed: February 23-24, 2024

AtmAA Lab No.:	20544-38	20544-39	20544-40
Sample I.D.:	MS-06	MS-09	MS-10
Components	(Concentration in ppmv)		
Methane	1.76	1.72	1.73
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.20	0.21	0.22
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	1.65	1.59	2.13
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.15	0.14	0.15
o-xylene	<0.12	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

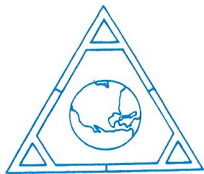
* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

TOTAL NUMBER OF SAMPLES: 3

Phone: (562) 426-9544 Fax: (562) 427-0805

RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:	RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
	2/23/24 12:34						2-28-24
COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
							12:34

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: April 11, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: March 27, 2024
Date Analyzed: March 27-28, 2024

AtmAA Lab No.:	20874-14	20874-15	20874-16
Sample I.D.:	MS-07	MS-08	MS-12
Components	(Concentration in ppmv)		
Methane	1.77	1.75	1.55
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.32	0.36	0.33
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.65	0.21	0.25
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.23	0.20	0.25
o-xylene	0.12	0.13	0.19

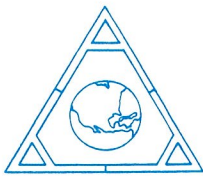
Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: April 25, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: April 11, 2024
Date Analyzed: April 11-12, 2024

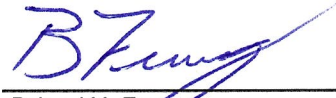
AtmAA Lab No.:	21024-8	21024-9	21024-10
Sample I.D.:	MS-07	MS-08	MS-12
Components	(Concentration in ppmv)		
Methane	1.84	1.83	1.90
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.61	0.40	0.48
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.42	0.35	0.51
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.30	0.31	0.33
o-xylene	0.21	0.21	0.20

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

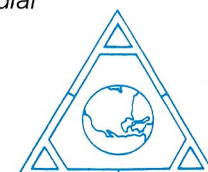

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: April 11, 2024
Date Analyzed: April 11-12, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-07	1.84	1.83	1.84	0.54
(Concentration in ppmv)					
Hydrogen sulfide	MS-07	<25	<25	---	---
Benzene	MS-07	0.60	0.62	0.61	3.3
Benzyl chloride	MS-07	<0.15	<0.15	---	---
Chlorobenzene	MS-07	<0.15	<0.15	---	---
Dichlorobenzenes	MS-07	<0.30	<0.30	---	---
1,1-dichloroethane	MS-07	<0.15	<0.15	---	---
1,2-dichloroethane	MS-07	<0.15	<0.15	---	---
1,1-dichloroethylene	MS-07	<0.15	<0.15	---	---
Dichloromethane	MS-07	<0.30	<0.30	---	---
1,2-dibromoethane	MS-07	<0.10	<0.10	---	---
Perchloroethylene	MS-07	<0.10	<0.10	---	---
Carbon tetrachloride	MS-07	<0.15	<0.15	---	---
Toluene	MS-07	0.42	0.42	0.42	0.00
1,1,1-trichloroethane	MS-07	<0.10	<0.10	---	---
Trichloroethene	MS-07	<0.10	<0.10	---	---
Chloroform	MS-07	<0.10	<0.10	---	---
Vinyl chloride	MS-07	<0.10	<0.10	---	---
m+p-xylenes	MS-07	0.30	0.30	0.30	0.00
o-xylene	MS-07	0.21	0.21	0.21	0.00

Three Tedlar bag samples, laboratory numbers 21024-(8-10), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 5 repeat measurements from three Tedlar bag samples is 0.76%.



SCS ENGINEERS Environmental Consultants

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
Phone: (562) 426-9544 Fax: (562) 427-0805

TOTAL NUMBER OF SAMPLES: 3

TOTAL NUMBER OF SAMPLES: 3		
PAGE 1	OF 1	
TURNAROUND TIME REQUIRED:		
/ 5-Day 3-Day Immediate Other		
PROJECT MANAGER: Ray Huff		
W.O. / S.O. #:		

PROJECT NUMBER: 01204123.19 T10

PROJECT NAME: Chiguita Canyon

PROJECT LOCATION: Chigvita Canyon (off-site)

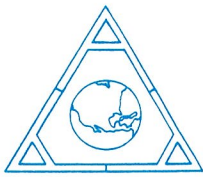
SAMPLER NAME AND SIGNATURE:

[illegible]

NOTES:

SAMPLE CONDITION UPON RECEIPT:

RELINQUISHED BY:	DATE: 4/10/24	RECEIVED BY: ZLT Mnt	DATE: 04/11/24	RECEIVED BY: Ruben b	DATE: 4/11/24	DATE: 16:06
COMPANY:	TIME: 17:02	COMPANY:	TIME:	COMPANY:	TIME:	TIME:

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: June 4, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: May 23, 2024
Date Analyzed: May 23-24, 2024

AtmAA Lab No.:	21444-8	21444-9	21444-10
Sample I.D.:	MS-09	MS-10	MS-06
Components	(Concentration in ppmv)		
Methane	1.92	1.88	1.96
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.16	0.24	0.17
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.67	0.82	0.50
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.99	0.80	0.70
o-xylene	0.48	0.37	0.38

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers



Brian W. Fung

Laboratory Director

SCS ENGINEERS Environmental Consultants

Long Beach, CA 90806

Phone: (562) 426-9544 Fax: (562) 427-0805

TOTAL NUMBER OF SAMPLES: 3

PAGE 1 OF 1

TURNAROUND TIME REQUIRED:

X 5-Day ___ 3-Day ___ Immediate ___ Other ___

PROJECT MANAGER: hay huff

W.O. / S.O. #:

PROJECT NUMBER: 01204123.19 T10

PROJECT NAME: Chiguita Canyon

PROJECT LOCATION: Chiguisita Canyon (off-site)
--

SAMPLER NAME AND SIGNATURE:  Oagap Johnson

[illegible]

NOTES:

SAMPLE CONDITION UPON RECEIPT:

RELINQUISHED BY:

DATE:

5/23/24

COMPANY:

111

RECEIVED BY:

RECEIVED BY: *S. Fener*

DATE:

DATE: 5-23-21

RELINQUISHED BY:

RELINQUISHED BY: S. Ferrer

DATE: _____

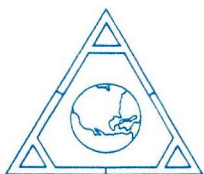
DATE: 5-23-20

RECEIVED BY:

RECEIVED BY: 

DATE:

DATE: 5/23/24

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: July 10, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: June 28, 2024
Date Analyzed: June 28-29, 2024

AtmAA Lab No.:	21804-9	21804-10	21804-11
Sample I.D.:	MS-08	MS-12	MS-11
Components	(Concentration in ppmv)		
Methane	1.70	1.65	1.67
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.40	0.27	0.58
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.75	0.62	1.35
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.52	0.46	0.97
o-xylene	0.20	0.18	0.35

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

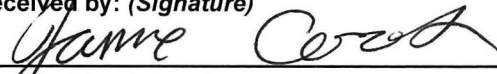
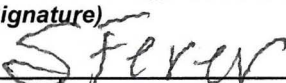
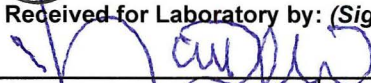
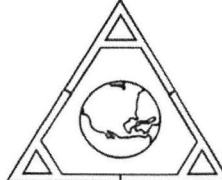
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

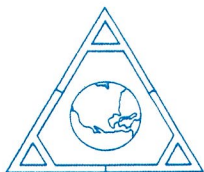
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED							
Project No. 01204123.19 T10		Field Logbook No.			T₀-15 307.91							
Sampler: (Signature) Cage Johnson		Chain of Custody Tape No.										
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time								
MS-08	Air	21604-9	6/27/24	18:47	X	X						
MS-12	Air	-10	6/27/24	18:55	X	X						
MS-11	Air	-11	6/27/24	19:20	X	X						
Relinquished by: (Signature) 			Date 6/28/24	Time 8:10 AM	Received by: (Signature) 			Date 6/28/24	Time 8:10 am			
Relinquished by: (Signature) 			Date 6/28/24	Time 9:09 am	Received by: (Signature) 			Date 6/28/24	Time 9:09			
Relinquished by: (Signature) 			Date 6/29/24	Time 10:11	Received for Laboratory by: (Signature) 			Date 6/28/24	Time 10:11			
Company Info:			Send Report to:		Analytical Laboratory							
Company: SCS Engineers			Company: SCS Engineers		AtmAA Inc.							
Street Address: 3900 Kilroy Airport Way Suite 100			Street Address: 3900 Kilroy Airport Way Suite 100		23917 Craftsman Rd.							
City/State/Zip: Long Beach / CA / 90806			City/State/Zip: Long Beach / CA / 90806		Calabasas, CA 91302							
Telephone No.: 562-743-7895 / 562-335-0002			Project Manager: Cornelius Fong		TEL: (818) 223-3277							
Fax No.:			Email Address: CFong@scsengineers.com		FAX: (818) 223-8250							

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: August 14, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: July 31, 2024
Date Analyzed: July 31-August 1, 2024

AtmAA Lab No.:	22134-9	22134-10	22134-11
Sample I.D.:	MS-07	MS-08	MS-12
Components	(Concentration in ppmv)		
Methane	1.92	1.67	1.68
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.24	0.23	0.33
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	0.32
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	0.17	0.12	0.12
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.84	0.64	0.87
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	0.14	<0.10	0.12
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.51	0.50	0.58
o-xylene	0.20	0.20	0.26

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers



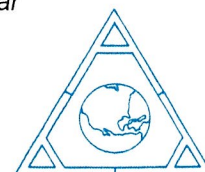
Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: July 31, 2024
Date Analyzed: July 31-August 1, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
(Concentration in ppmv)					
Methane	MS-07	1.91	1.83	1.87	4.3
(Concentration in ppbv)					
Hydrogen sulfide	MS-07	<25	<25	---	---
Benzene	MS-07	0.25	0.23	0.24	8.3
Benzyl chloride	MS-07	<0.15	<0.15	---	---
Chlorobenzene	MS-07	<0.15	<0.15	---	---
Dichlorobenzenes	MS-07	<0.30	<0.30	---	---
1,1-dichloroethane	MS-07	<0.15	<0.15	---	---
1,2-dichloroethane	MS-07	<0.15	<0.15	---	---
1,1-dichloroethylene	MS-07	<0.15	<0.15	---	---
Dichloromethane	MS-07	<0.30	<0.30	---	---
1,2-dibromoethane	MS-07	<0.10	<0.10	---	---
Perchloroethylene	MS-07	0.19	0.14	0.17	30
Carbon tetrachloride	MS-07	<0.15	<0.15	---	---
Toluene	MS-07	0.86	0.81	0.84	6.0
1,1,1-trichloroethane	MS-07	<0.10	<0.10	---	---
Trichloroethene	MS-07	<0.10	<0.10	---	---
Chloroform	MS-07	0.14	0.14	0.14	0.00
Vinyl chloride	MS-07	<0.10	<0.10	---	---
m+p-xylenes	MS-07	0.52	0.49	0.51	5.9
o-xylene	MS-07	0.21	0.19	0.20	10

Three Tedlar bag samples, laboratory numbers 22134-(9-11), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 7 repeat measurements from three Tedlar bag samples is 9.3%.



SCS ENGINEERS Environmental Consultants

Phone: (562) 426-9544 Fax: (562) 427-0805

TOTAL NUMBER OF SAMPLES: 3

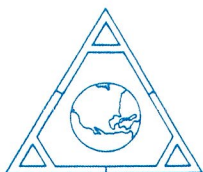
Phone: (562) 426-9544 Fax: (562) 427-0805

SAMPLER NAME AND SIGNATURE: Cage Johnson

[illegible]

SAMPLE CONDITION UPON RECEIPT:

TIME: 3:34

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: September 4, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: August 23, 2024
Date Analyzed: August 23-25, 2024

AtmAA Lab No.:	22364-10	22364-11	22364-12
Sample I.D.:	MS-06	MS-09	MS-10
Components	(Concentration in ppmv)		
Methane	15.5	2.06	2.10
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	1.35	0.40	0.35
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	0.19	0.18	0.15
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.56	0.52	0.51
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.19	0.18	0.17
o-xylene	<0.12	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

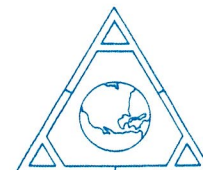
Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: August 23, 2024
Date Analyzed: August 23-25, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-06	(Concentration in ppmv)			
		15.5	15.5	15.5	0.00
		(Concentration in ppbv)			
Hydrogen sulfide	MS-06	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 22364-(10-12), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 0.00%.



SCS ENGINEERS Environmental Consultants

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
Phone: (562) 426-9544 Fax: (562) 427-0805

CHAIN OF CUSTODY RECORD

ants

Experiment	Number of samples	Number of trials	Number of subjects
1	100	100	10
2	100	100	10
3	100	100	10
4	100	100	10
5	100	100	10
6	100	100	10
7	100	100	10
8	100	100	10
9	100	100	10
10	100	100	10
11	100	100	10
12	100	100	10
13	100	100	10
14	100	100	10
15	100	100	10
16	100	100	10
17	100	100	10
18	100	100	10
19	100	100	10
20	100	100	10
21	100	100	10
22	100	100	10
23	100	100	10
24	100	100	10
25	100	100	10
26	100	100	10
27	100	100	10
28	100	100	10
29	100	100	10
30	100	100	10
31	100	100	10
32	100	100	10
33	100	100	10
34	100	100	10
35	100	100	10
36	100	100	10
37	100	100	10
38	100	100	10
39	100	100	10
40	100	100	10
41	100	100	10
42	100	100	10
43	100	100	10
44	100	100	10
45	100	100	10
46	100	100	10
47	100	100	10
48	100	100	10
49	100	100	10
50	100	100	10
51	100	100	10
52	100	100	10
53	100	100	10
54	100	100	10
55	100	100	10
56	100	100	10
57	100	100	10
58	100	100	10
59	100	100	10
60	100	100	10
61	100	100	10
62	100	100	10
63	100	100	10
64	100	100	10
65	100	100	10
66	100	100	10
67	100	100	10
68	100	100	10
69	100	100	10
70	100	100	10
71	100	100	10
72	100	100	10
73	100	100	10
74	100	100	10
75	100	100	10
76	100	100	10
77	100	100	10
78	100	100	10
79	100	100	10
80	100	100	10
81	100	100	10
82	100	100	10
83	100	100	10
84	100	100	10
85	100	100	10
86	100	100	10
87	100	100	10
88	100	100	10
89	100	100	10
90	100	100	10
91	100	100	10
92	100	100	10
93	100	100	10
94	100	100	10
95	100	100	10
96	100	100	10
97	100	100	10
98	100	100	10
99	100	100	10
100	100	100	10

PAGE 1 OF 1

TURNAROUND TIME REQUIRED:

✓ 5-Day ___ 3-Day ___ Immediate ___ Other ___

PROJECT MANAGER:	Ray Huff
------------------	----------

W.O. / S.O. #:

PROJECT LOCATION: Chiquita Canyon (off-site)

SAMPLER NAME AND SIGNATURE: Cage Tomson

[illegible]

NOTES:

SAMPLE CONDITION UPON RECEIPT:

REINQUISHED BY:

DATE:

8/23/24

COMPANY.

505

RECEIVED BY:

٢

COMPANY.

IVED BY:

E. ferox

ANY.

DATE: 1/2/2015

8/23/29

TIME: 12:51

RELINQUISHED BY:

0. $\frac{1}{2}$ row

COMPANY:

DATE:

9

TIME:

RECEIVED BY:

7

COMPANY:

DATE:

9

TIME:

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: October 4, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: September 17, 2024
Date Analyzed: September 17-18, 2024

AtmAA Lab No.:	22614-7	22614-8	22614-9
Sample I.D.:	MS-08	MS-11	MS-12
Components	(Concentration in ppmv)		
Methane	1.63	1.69	1.76
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.44	0.51	0.61
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.19	0.29	0.27
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	<0.12	0.12	0.13
o-xylene	<0.12	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

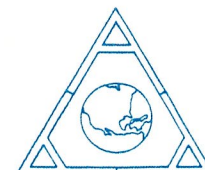
Project Location: Chiquita Canyon Off-site

Date Received: September 17, 2024

Date Analyzed: September 17-18, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Methane	MS-08	1.63	1.63	1.63	0.00
(Concentration in ppbv)					
Hydrogen sulfide	MS-08	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 22614-(7-9), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 0.00%.



SCS ENGINEERS Environmental Consultants

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
Phone: (562) 426-9544 Fax: (562) 427-0805

ants
TOTAL NUMBER OF SAMPLES: 3

TOTAL NUMBER OF SAMPLES:	3
PAGE	1 OF 1
TURNAROUND TIME REQUIRED:	
☒ 5-Day	☐ 3-Day
☐ Immediate	☐ Other
PROJECT MANAGER:	Ray Huff
W.O. / S.O. #:	

PROJECT MANAGER:	Pay Huff
W.O. / S.O. #:	

W.O. / S.O. #:

PROJECT LOCATION: Chiquita Canyon (off-site)

SAMPLER NAME AND SIGNATURE: _____

Dr. W. D. Sewall

[illegible]

NOTES:

SAMPLE CONDITION UPON RECEIPT:

DELIVERED BY.

DATE: 11/1/2011

RECEIVED BY:

RECEIVED BY:

DATE _____

DATE: _____

RELINQUISHED BY:

RELINQUISHED BY:

DATE _____

DATE: _____

RECEIVED BY

RECEIVED BY:

DATE _____

DATE: 1/1/2020

COMPANY:

TIME: 0.18

COMPANY:

COMPANY:

TIME:

TIME: 01:13

COMPANY:

COMPANY:

TIME:

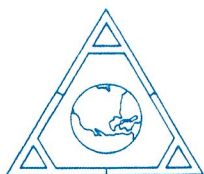
TIME: 13.7

COMPANY:

COMPANY:

TIME:

TIME: 19:30

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: October 14, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: October 9, 2024
Date Analyzed: October 9-11, 2024

AtmAA Lab No.:	22834-10	22834-11	22834-12
Sample I.D.:	MS-07	MS-08	MS-12
Components	(Concentration in ppmv)		
Methane	2.81	1.88	1.61
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.50	0.33	0.24
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.49	0.39	0.27
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	3.22	2.24	1.11
o-xylene	0.73	0.56	0.32

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

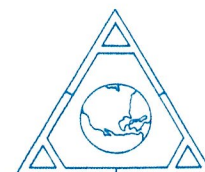
Project Location: Chiquita Canyon Off-site

Date Received: October 9, 2024

Date Analyzed: October 9-11, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-07	(Concentration in ppmv)			
		2.81	2.80	2.81	0.36
		(Concentration in ppbv)			
Hydrogen sulfide	MS-07	<25	<25	---	---
Benzene	MS-07	0.49	0.51	0.50	4.0
Benzyl chloride	MS-07	<0.15	<0.15	---	---
Chlorobenzene	MS-07	<0.15	<0.15	---	---
Dichlorobenzenes	MS-07	<0.30	<0.30	---	---
1,1-dichloroethane	MS-07	<0.15	<0.15	---	---
1,2-dichloroethane	MS-07	<0.15	<0.15	---	---
1,1-dichloroethylene	MS-07	<0.15	<0.15	---	---
Dichloromethane	MS-07	<0.30	<0.30	---	---
1,2-dibromoethane	MS-07	<0.10	<0.10	---	---
Perchloroethylene	MS-07	<0.10	<0.10	---	---
Carbon tetrachloride	MS-07	<0.15	<0.15	---	---
Toluene	MS-07	0.46	0.51	0.49	10
1,1,1-trichloroethane	MS-07	<0.10	<0.10	---	---
Trichloroethene	MS-07	<0.10	<0.10	---	---
Chloroform	MS-07	<0.10	<0.10	---	---
Vinyl chloride	MS-07	<0.10	<0.10	---	---
m+p-xylenes	MS-07	2.97	3.47	3.22	16
o-xylene	MS-07	0.68	0.77	0.73	12

Three Tedlar bag samples, laboratory numbers 22834-(10-12), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 5 repeat measurements from three Tedlar bag samples is 8.5%.



SCS ENGINEERS Environmental Consultants

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
Phone: (562) 426-9544 Fax: (562) 427-0805

ants

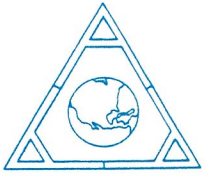
TOTAL NUMBER OF SAMPLES: 3

[illegible]

NOTES:

SAMPLE CONDITION UPON RECEIPT:

RELINQUISHED BY: <i>Dad Smith</i>	DATE: 10/9/24	RECEIVED BY: <i>Rubrum 6</i>	DATE: 10/9/24	RECEIVED BY: <i>[Signature]</i>	DATE: 10/9/24
COMPANY: SOS Field Service	TIME: 8:42	COMPANY: DCS	TIME: 9:40	COMPANY: DCS	TIME: 10:40

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: November 25, 2024
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: November 14, 2024
Date Analyzed: November 14-15, 2024

AtmAA Lab No.:	23194-31	23194-32	23194-33
Sample I.D.:	MS-06	MS-09	MS-10
Components	(Concentration in ppmv)		
Methane	1.56	1.81	1.78
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.24	0.17	0.13
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	0.36	<0.30	0.31
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.28	0.19	0.23
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.37	0.23	0.24
o-xylene	0.18	0.12	0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: November 14, 2024
Date Analyzed: November 14-15, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Methane	MS-06	1.55	1.56	1.56	0.64
(Concentration in ppbv)					
Hydrogen sulfide	MS-06	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 23194-(31-33), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 0.64%.



**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: January 6, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: December 18, 2024
Date Analyzed: December 18-19, 2024

AtmAA Lab No.:	23534-7	23534-8	23534-9
Sample I.D.:	MS-08	MS-11	MS-12
Components	(Concentration in ppmv)		
Methane	1.61	1.72	1.56
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.19	0.35	0.15
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.84	1.81	0.83
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	1.08	1.91	0.84
o-xylene	0.42	0.76	0.33

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers



Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: December 18, 2024
Date Analyzed: December 18-19, 2024

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-08	(Concentration in ppmv)			
		1.62	1.60	1.61	1.2
		(Concentration in ppbv)			
Hydrogen sulfide	MS-08	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 23534-(7-9), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 1.2%.



CHAIN OF CUSTODY RECORD

SCS ENGINEERS Environmental Consultants

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
Phone: (562) 426-9544 Fax: (562) 427-0805

ants

TOTAL NUMBER OF SAMPLES: 3

PAGE 1 OF 1

TURNAROUND TIME REQUIRED:

X 5-Day ___ 3-Day ___ Immediate ___ Other

PROJECT MANAGER: Ray Huff

W.O. / S.O. #:

PROJECT LOCATION: Chigvita Canyon (off-site)

SAMPLER NAME AND SIGNATURE: Donald Sengal

PROJECT NUMBER: D1204123.19 T10

PROJECT NAME: Chigvita Canyon

CONTAINER SIZE/TYPE

SAMPLE PRESERVATIVE

SPECIAL INSTRUCTIONS/COMMENTS

DATE/TIME COLLECTED

SAMPLE MATRIX

SAMPLE DESIGNATION

I.D. NUMBER

1 MS-08

2 MS-11

3 MS-12

12/17/24 13:50

12/17/24 13:25

12/17/24 14:00

Air

Air

Air

1L Tedlar

1L Tedlar

1L Tedlar

None

None

None

307.91

10-15

X

X

X

X

X

X

X

X

X

X

X

NOTES:

SAMPLE CONDITION UPON RECEIPT:

RELINQUISHED BY: Paul Gail

DATE: 12/17/24

TIME: 14:30

COMPANY: SCS Field Services

RECEIVED BY: Erik Navarro

DATE: 12-18-24

TIME: 8:12am

COMPANY: SCS

RELINQUISHED BY: Erik Navarro

DATE: 12-18-24

TIME: 8:12am

COMPANY: SCS

RECEIVED BY: Erik Navarro

DATE: 12-18-24

TIME: 8:17

COMPANY: SCS

DATE: 12-18-24

TIME: 8:17

COMPANY: SCS

DATE: 12-18-24

TIME: 8:17

COMPANY: SCS



Appendix C

OEHHA RELs for Acute Hazard Index Target Organ System

Table 6.1 Acute Inhalation Reference Exposure Levels (RELs) and Acute Hazard Index Target Organ System(s)

Substance	Chemical Abstract Service Number (CAS)	Acute Inhalation REL ($\mu\text{g}/\text{m}^3$)	Acute Hazard Index Target Organ Systems(s)
Acetaldehyde	75-07-0	$4.7 \times 10^{+2}$	Eyes; Respiratory System (sensory irritation)
Acrolein	107-02-8	$2.5 \times 10^{+0}$	Eyes; Respiratory System (sensory irritation)
Acrylic Acid	79-10-7	$6.0 \times 10^{+3}$	Eyes; Respiratory System
Ammonia	7664-41-7	$3.2 \times 10^{+3}$	Eyes; Respiratory System
Arsenic and Inorganic Arsenic Compounds (including arsine)	7440-38-2	2.0×10^{-1}	Development; Cardiovascular System; Nervous System
Benzene	71-43-2	$2.7 \times 10^{+1}$	Reproductive/Developmental; Immune System; Hematologic System
Benzyl Chloride	100-44-7	$2.4 \times 10^{+2}$	Eyes; Respiratory System
1,3-Butadiene	106-99-0	$6.6 \times 10^{+2}$	Development
Caprolactam	105-60-2	$5.0 \times 10^{+1}$	Eyes (sensory irritation)
Carbon Disulfide	75-15-0	$6.2 \times 10^{+3}$	Nervous System; Reproductive/Developmental
Carbon Monoxide ^a	630-08-0	$2.3 \times 10^{+4}$	Cardiovascular System
Carbon Tetrachloride	56-23-5	$1.9 \times 10^{+3}$	Alimentary System (Liver); Nervous System Reproductive/Developmental
Chlorine	7782-50-5	$2.1 \times 10^{+2}$	Eyes; Respiratory System
Chloroform	67-66-3	$1.5 \times 10^{+2}$	Nervous System; Respiratory System; Reproductive/Developmental
Chloropicrin	76-06-2	$2.9 \times 10^{+1}$	Eyes; Respiratory System
Copper and Compounds	7440-50-8	$1.0 \times 10^{+2}$	Respiratory System
1,4-Dioxane	123-91-1	$3.0 \times 10^{+3}$	Eyes; Respiratory System
Epichlorohydrin	106-89-8	$1.3 \times 10^{+3}$	Eyes; Respiratory System
Ethylene Glycol Monobutyl Ether	111-76-2	$1.4 \times 10^{+4}$	Eyes; Respiratory System
Ethylene Glycol Monoethyl Ether	110-80-5	$3.7 \times 10^{+2}$	Reproductive/Developmental
Ethylene Glycol Monoethyl Ether Acetate	111-15-9	$1.4 \times 10^{+2}$	Nervous System; Reproductive/Developmental
Ethylene Glycol Monomethyl Ether	109-86-4	$9.3 \times 10^{+1}$	Reproductive/Developmental
Formaldehyde	50-00-0	$5.5 \times 10^{+1}$	Eyes (sensory irritation)
Hydrogen Chloride	7647-01-0	$2.1 \times 10^{+3}$	Eyes; Respiratory System
Hydrogen Cyanide	74-90-8	$3.4 \times 10^{+2}$	Nervous System
Hydrogen Fluoride	7664-39-3	$2.4 \times 10^{+2}$	Eyes; Respiratory System
Hydrogen Selenide	7783-07-5	$5.0 \times 10^{+0}$	Eyes; Respiratory System
Hydrogen Sulfide ^a	7783-06-4	$4.2 \times 10^{+1}$	Nervous System
Isopropanol	67-63-0	$3.2 \times 10^{+3}$	Eyes; Respiratory System
Mercury and Inorganic Mercury Compounds	7439-97-6	6.0×10^{-1}	Nervous System; Development
Methanol	67-56-1	$2.8 \times 10^{+4}$	Nervous System
Methyl Bromide	74-83-9	$3.9 \times 10^{+3}$	Nervous System; Respiratory System; Reproductive/Developmental

Substance	Chemical Abstract Service Number (CAS)	Acute Inhalation REL ($\mu\text{g}/\text{m}^3$)	Acute Hazard Index Target Organ Systems(s)
Methyl Chloroform	71-55-6	6.8×10^{-4}	Nervous System
Methyl Ethyl Ketone	78-93-3	1.3×10^{-4}	Eyes; Respiratory System
Methylene Chloride	75-09-2	1.4×10^{-4}	Nervous System; Cardiovascular System
Nickel and Nickel Compounds	7440-02-0	2.0×10^{-1}	Immune System
Nitric Acid	7697-37-2	8.6×10^{-1}	Respiratory System
Nitrogen Dioxide ^a	10102-44-0	4.7×10^{-2}	Respiratory System
Ozone ^a	10028-15-6	1.8×10^{-2}	Eyes; Respiratory System
Perchloroethylene (Tetrachloroethylene)	127-18-4	2.0×10^{-4}	Eyes; Nervous System; Respiratory System
Phenol	108-95-2	5.8×10^{-3}	Eyes; Respiratory System
Phosgene	75-44-5	4.0×10^{-0}	Respiratory System
Propylene Oxide	75-56-9	3.1×10^{-3}	Eyes; Respiratory System; Reproductive/Developmental
Sodium Hydroxide	1310-73-2	8.0×10^{-0}	Eyes; Skin; Respiratory System
Styrene	100-42-5	2.1×10^{-4}	Eyes; Respiratory System; Reproductive/Developmental
Sulfates ^a	N/A	1.2×10^{-2}	Respiratory System
Sulfur Dioxide ^a	7446-09-5	6.6×10^{-2}	Respiratory System
Sulfuric Acid and Oleum	7664-93-9 8014-95-7	1.2×10^{-2}	Respiratory System
Tetrachloroethylene (Perchloroethylene)	127-18-4	2.0×10^{-4}	Eyes; Nervous System; Respiratory System
Toluene	108-88-3	3.7×10^{-4}	Nervous System; Respiratory System; Eyes; Reproductive/Developmental
Triethylamine	121-44-8	2.8×10^{-3}	Nervous System; Eyes
Vanadium Pentoxide	1314-62-1	3.0×10^{-1}	Eyes; Respiratory System
Vinyl Chloride	75-01-4	1.8×10^{-5}	Nervous System; Eyes; Respiratory System
Xylenes (m,o,p-isomers)	1330-20-7	2.2×10^{-4}	Eyes; Respiratory System; Nervous System

^a California Ambient Air Quality Standard